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INDIAN BUREAU OF MINES

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IBM MANUAL FOR INSPECTION OF MINES 2017

1. INTRODUCTION

Under Entry 54 of List I of the 7th Schedule of Constitution of India, the Union Govt. has the responsibility for "regulation and development of minerals", accordingly, central govt. has enacted Mines & Minerals (Regulation & Development) Act, 1957 (No.67 of 1957). Subsequently its name was amended as Mines & Minerals (Development & Regulation) Act (No. 38 of 1999), herein after MMDR Act 1957. Section 18(1) of the act is reproduced here below:

> *"It shall be the duty of the Central Government to take all such steps as may be necessary for conservation and systematic development of minerals in India and for the protection of environment by preventing or controlling any pollution which may be caused by prospecting or mining operations and for such purpose the Central Government may by notification in the Official Gazette, make such rules as it thinks fit".*

IBM was set up by the Government of India on 1st March, 1948 under the Ministry of Works, Mines and Power, primarily as an advisory body to help in formulation of policy and legal framework for mining sector and advising Central and State Governments on development and utilization of mineral resources. IBM was given a set of functions in 1950, and by 1953 IBM was also given an additional function of undertaking detailed exploration of mineral deposits. The functions of IBM have been updated periodically with emerging needs of the sector. It now functions as facilitator and regulator of mining sector (other than coal, petroleum, atomic and minor minerals), responsible for implementation of MMDR Act 1957 rules made there under viz. Mineral Conservation and Development Rules, 2017, herein after MCDR 2017 and (2) Mineral(Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016, herein after MCR 2016, undertaking inspection of mines vide the authority granted to its officers under MMDR Act 1957 and also under Section 11 of Environment (Protection) Act 1986 and Rule 12 of the Environment (Protection) Rules, 1986. Inspection of mines are carried out by the Minerals Development and Regulation Division, herein after MDR Division, of IBM through its 4 zonal, 13 regional and 1 sub-regional office located in across the country with head quarter located at Nagpur. The territorial jurisdiction of zonal offices headed by the Controller of Mines and regional offices headed by the Regional Controller of Mines as notified in the official gazette from time to time is enclosed as***Annexure -I***.

2. SCOPE AND OBJECTIVE OF INSPECTION OF MINES

The Ministry of Mines, Govt. of India has amended the role and functions of IBM from time to time, the revised charter of functions of IBM is as given below:-

a) To promote systematic and scientific development of mineral resources of the country (both onshore and offshore).
b) To approve mining plans, schemes and mine closure plans having regard to conservation of minerals and protection of environment.
c) To collect, collate and maintain database on exploration, prospecting, mines and minerals and to bring out publications / bulletins highlighting the problems and prospects of mining industry.
d) To play a pro-active role in minimizing adverse impact of mining on environment by undertaking environmental assessment studies on regional basis.

e) To conduct *suo motto* techno-economic field studies in mining, geology, mineral processing and environmental aspects, including analysis of ore and minerals and to promote R & D activities in these areas.
f) To provide technical consultancy services on promotional basis within the country and abroad in the field of mining, geology, mineral processing and environment.
g) To provide training to the scientific, technical and other cadres of the department and persons from the mining industry and other agencies for human resource development.
h) To advise the Government on matters in regard to the mineral industry, relating to environment protection and pollution control, export and import policies, trade, mineral legislation, fiscal incentives and related matters.
i) To promote awareness about conservation, systematic and scientific development of mineral deposits and protection of environment including restoration and rehabilitation of mined out areas through exhibitions and audiovisual media.
j) To promote and monitor community development activities in the mining areas within the purview of Sustainable Development Framework.
k) To undertake any such other activity as may become necessary in the light of the developments in the field of geology, mining, mineral beneficiation and environment.

3. AUTHORITY FOR INSPECTION OF MINES

Ensuring conservation and systematic development of mineral resources and conducting studies on environmental protection and pollution control in regard to mining and mineral beneficiation operations are carried out by MDR Division under statutory provisions made through MM (D&R) Act, 1957, MCR, 2016, MCDR 2017, Environment (Protection) Act, 1986 and Environment (Protection) Rules, 1986 and authorities delegated thereunder. The Section 24 of the MMDR Act 1957 is reproduced here below:

Section 24 of MM (R&D) ACT, 1957: Power of entry and inspection:

"24(1) For the purpose of ascertaining the position of the working, actual or prospective, of any mine or abandoned mine or for any other purpose connected with this Act or the rules made thereunder, any person authorized by the Central Government in this behalf, by general or special order, may

(a) enter and inspect any mines ;
(b) Survey and take measurements in any such mine;
(c) Weigh, measure or take measurements of the stocks of minerals lying at any mine;
(d) Examine any document, book, register, or record in the possession or power of any person having the control of, or connected with, any mine and place marks of identification thereon, and take extracts from or make copies of such document, book, register or records;
(e) order the production of any such document, book, register, record, as is referred to in clause (d); and
(f) examine any person having the control of, or connected with, any mine.

(2) Every person authorized by the Central Government under sub-section (1) shall be deemed to be a public servant within the meaning of section 21 of the Indian Penal Code, and every person to, whom an order or summons is issued by virtue of the powers conferred by clause (e) or clause (f) of that sub-section shall be legally bound to comply with such order or summons, as the case may be."

By different gazette notifications dated 27-1-59, 29-3-65, 25-4-72, 27-5-95 and 31-8-96, the Central Govt. have authorized Controller General, Chief Controller of Mines, Controller of Mines, Regional Controller of Mines, Deputy Controller of Mines, Senior Assistant Controller of Mines, Assistant Controller of Mines, Assistant Mining Engineer, Regional Mining Geologist, Senior Mining Geologist, Junior Mining Geologist, Assistant Mining Geologist under section 24 of MMDR Act 1957. The copies of the relevant Gazette notifications are enclosed as***Annexure- II***.

Section 22 of MMDR Act 1957 empowers any person authorized by Central Govt. or the State Government to prefer complaints in the court of law for violation of provisions of the Act on any rules made thereunder. The Central Govt. vide Gazette Notification No. GSR 83 dated 16-1-1986, S.O. 2523 dated 30-7-1996 have authorized the Controller General, Chief Controller of Mines, Controller of Mines, Chief Mineral Economist, Chief of Mineral Statistics, Regional Controller of Mines, Suptdg. Mineral Economist, Mineral Economist (Stat), Deputy Controller of Mines, Deputy Mineral Economist (I), Deputy Mineral Economist (Stat), Sr. Asstt. Controller of mines, Asstt. Controller of Mines, Asstt. Mineral Economist (I), Asstt. Mineral Economist (Stat), Senior Mining Geologist (attached to MDR division), Junior Mining Geologist (attached to MDR division) to prefer complaints in respect of any offence punishable under the above Act and any rules made thereunder. The copy of the relevant Gazette notifications are enclosed as ***Annexure- III***.

Under Environment Protection Act some authorization have been given to certain officers of IBM for various purposes as given in ***Annexure-IV (a) to (d).***

Section 5(2)(b) of MM(D&R) Act 1957 requires approval of a Mining plan by the Central Govt. The Central Govt. vide their Gazette Notification No. 5(1)/87-M.VI dated 28-4-1987 has provided that the powers under the above section shall also be exercised by the Controller General, Chief Controller of Mines, Controller of Mines, Regional Controller of Mines. The copy of the said notification is enclosed as ***Annexure - V***. Vide gazette notification dated 31-05-2017; Controller General, has notified the officers of IBM as 'Authorized Officers' in terms of Rule 3(c) and 'Competent Authority' in terms of Rule 10 of MCDR'2017 to take action in respect of matters relating to rule/rules as mentioned in notifications enclosed as Annexures***-V (a).***

4. ORGANIZATION FOR CARRYING OUT INSPECTION OF MINES

Inspection of mines are carried out by MDR Division under the guidance of the Chief Controller of Mines functioning from Nagpur through its 13 regional offices located at Ajmer, Gandhi Nagar and Dehradun in North Zone; Nagpur, Raipur and Jabalpur in Central Zone; Bhubaneswar, Guwahati and Ranchi in East Zone; Bangalore, Chennai, Goa and Hyderabad with Nellore its Sub Region in South Zone. The North, Central, East and South zones are located at Udaipur, Kolkata, Nagpur and Bangalore respectively.

5. TYPE OF INSPECTION

The MDR Division conducts inspection of mines, prospecting areas, reconnaissance permits as detailed below:

A. Inspection under MCDR, 2017
   (i) Inspection of mines for enforcement of MCDR, 2017
   (ii) Inspection of mines for examination of Final Mine Closure Plan or Modification thereunder and inspection of mines for ensuring proper implementation of proposals of the FMCP/ Modifications in the Approved FMCP

(iii) Joint inspection with State Govt. for grant of certificate under final closure in terms of Rule 21(4) of MCDR'2017.
(iv) Inspection of underground mines for examination of stoping notice under Rule 30 of MCDR, 2017.
(v) Inspection of PL areas under rule 4 to 9 of MCDR, 2017.
(vi) Inspection of mines for validation of Star Rating under SDF.
(vii) Check up Inspection (to be undertaken by RCOM/ OIC of the region or COM of the zone).

B. Inspection under MCR'2016:
(i) For examination of Mining plan or its Modification / Review under Rule 16 & 17 of MCR'2016
(ii) Geological Studies for Establishing the Average Ratio of Lumps and Fines as required in Rule 46 of MCR'2016.

C. Task Force inspection

D. Joint inspection with State Govt. for illegal mining references etc.

E. Any other inspections as directed by competent authority.

6. PROCEDURE FOR INSPECTION

6.1 Pre inspection Requirements:

i) Every office shall judiciouslychalk out its annual inspection calendar in advance to fit in its approved annual programmebased on number and category of working/reporting mines in the region and previous years' validated Star Rating for the mines in the region (refer criteria for selection of mines for inspection).
ii) The inspecting officer shall submit his tour programme to his Controlling officer for approval.
iii) On approval of tour programme, the inspecting officer shall issue notices of inspection through mail or any other mode of communication made to the lessee as per prescribed format enclosed as ***Annexure - VI***. Telephonic intimation may be made in case of urgency and paucity of time.
iv) For joint inspections with State Govt., date should be finalized in consultation with the concerned officials over phone/fax/mail. In the communication made with the State Govt., brief requirement for the inspection should be mentioned.
v) The inspecting officer shall study the concerned NERP/PL/mine files, NERP report/PL Report/mining plan/scheme of mining, reports, records, notices and returns, as applicable for the type of inspection and appraise himself with the facts, figures and problems of the area/mine(s) and identify the areas of special attention before proceeding on tour.
iv) Before an inspecting officer proceeds on inspection of RP/PL area/mines, he shall submit a brief note to the controlling officer in for the issues likely to be taken during the inspection in the prescribed format given in ***Annexure-VII***.
v) The inspecting officer, prior to going for inspection, should invariably check status of MCDR compliance.
vi) All inspections (mining plan/ review of mining Plan / modification/validation of star rating of mines etc.) shall be considered as a part of MCDR inspection and MCDR report shall be prepared and submitted for all types of inspections except for inspection of fresh grant casesfor approval of mining plan.

vii) For the inspections done to ensure proper implementation of FMCP/ Modifications in the Approved FMCP proposals, an exclusive MCDR report for the purpose should be prepared and submitted. Accordingly suitable data may be kept ready for verification during the site inspection as per the format of the report. Further, for last inspection of the lease area before expiry of the leases expiring on 31.03.2020 or upon expiry of 50 years from the date of grant of ML with balance reserves, a brief report should be submitted to RCOM/ DCOM (I/C) endorsing a copy to the COM of the concerned zone, CCOM, IBM and State Govt. incorporating the suggestions for future auctions for the area.

6.2 Criteria for Selection of Mines:

The following priority order shall be adopted while selecting the mines for inspection:

I. Mines whose leases are expiring within 2 years (for the cases where mineral has not completely exhausted and the area is available for future auction) shall be inspected at least twice a year.
II. All fully mechanized category "A" mines (both Open cast and under Ground) shall be inspected at least twice in a financial year (Refer Ministry of Mines letter No. 16/12/2009-MVI (Pt. XIX (Vol. IV (dated 9.12.2003)
III. Recalcitrant lessees violating provisions of the MMDR Act'1957, MMDR Amendment Act'2015, MCR'2016 and MCDR'2017.
IV. All underground mines.
V. Leases located in ecological sensitive zone/ CRZ etc.
VI. Other A category mines.
VII. All mines whose leases are expiring within 2 years (Where mineral is completely exhausted) to ensure proper abandonment of mines after suitable reclamation and rehabilitation.
VIII. Mines where conservation problems are known to exist or where difficult working conditions exist which could mitigate against the enforcement of more important provisions of MCDR including implementation of mining plan, enforcement of provision pertaining to abandonment of mines and/or temporary discontinuance of mining operations those relating to environment submission of returns and notices etc.
IX. Mines of important minerals of the region and of strategic minerals.
X. Mines not inspected for more than 2 years in the immediate past and
XI. B category mines.

A list of mines after due reconciliation with the State govt. shall be sent to the concerned COM of the zone by 30th April and any changes (addition/deletion) in the list from last years' report should be highlighted. Further, a list of active RPs, PLs, CLs, NERP shall also be sent to the concerned COM by 30th April after reconciliation with the State Govt. Any addition or deletion from the list so provided shall be intimated as and when required.

6.3 Methodology of Inspection:

A. Inspection of mines for enforcement of MCDR, 2017

I. MCDR inspections for fully mechanized mines having beneficiation plants should be carried out as far as possible by a team of multidisciplinary officers involving officers from mining/ geology/OD discipline to make inspections more effective.

II. The inspecting officer(s) shall examine the mine with particular emphasis on the implementation of approved mining plan/ Review of MP/ Modifications in the Approved MP/ scheme of mining/FMCP/ Modifications in the Approved FMCP.

III. In case of final closure, the complete area must be physically verified on the ground.Certificate under rule 21(4) of MCDR 2017 should be considered in accordance with the compliance/ proper implementation of proposals contained in approved final mine closure plan/ Modifications in the Approved FMCP.

IV. Inspecting officer will check the status of submission of various statutory returns/notices/report.

V. Inspecting officer will also check the status of submission of yearly report of PMCP as per Rule 26(2) of MCDR 2017(format enclosed as ***Annexure -VIII***).

VI. Information, as far as available shall be collected as per the prescribed format. The existing TMIS data input sheet may be used for the inspections tillvarious modules under MTS are developed by IBM.

VII. Scrutiny of different notices and returns submitted by the lessee shall be made and spot guidance for proper filling up the notices and online/offline returns shall be provided to the lessee.

VIII. Efforts should be made to guide the lessee for proper filling of online returns on grade of mineral, PMV, sale value etc.

Control Chart format for MCDR/MP Inspection and follow up action **(*Annexure-IX*)**

B. <u>Inspection for FMCP:</u>

Following are the provisions in MCDR 2017 for FMCP and Modification in FMCP are as follows:

Rule 21(4) The holder of mining lease shall not abandon a mine unless a final mine closure plan duly approved by competent authority, is implemented, and for the purpose, the lessee shall be required to obtain a certificate from the authorized officer, as the case may be, to the effect that protective, reclamation and rehabilitation work in accordance with the final mine closure plan or with such modifications as approved by the competent authority have been carried out before abandoned of mine.

Rule24 (1) The holder of mining lease shall submit a final mine closure plan to the competent authority for approval two years prior to the proposed closure of the mine.

Rule25 (1) The holder of mining lease desirous of seeking modifications in the approved mine closure plan, shall submit to competent authority for approval setting forth intended modifications and explaining the reason for such modifications.

Three types of inspections shall be carried out in respect of FMCP/ Modification in the Approved FMCP:

a) Inspection for disposal of submitted FMCP/ Modifications in the Approved FMCP.
b) Examination of FMCP/Modification in Approved FMCP for ensuring proper implementation of proposals.
c) Verification of implementation of FMCP proposals as per Rule 21(4) of MCDR 2017 for grant of certificate under final closure.

For inspections under item (a), inspection methodology etc. shall be same as given under item 6.3 of this Manual. Disposal of the submitted document shall be governed by IBM Manual for Appraisal of MP'2017.

For inspections under item (b), methodology should be as follows:-

(i) The implementation of FMCP proposals shall be checked through periodic inspection preferably at an interval of 6 months and a brief report (in the format enclosed as ***Annexure-X***) on implementation status on FMCP proposals should be submitted within 7 days to the RCOM/DCOM(I/C) endorsing a copy to COM of respective zones and CCOM, IBM. Detailed MCDR Report for the inspections under FMCP/ Modifications of FMCP / Implementation of FMCP proposals should be prepared in the format enclosed as ***Annexure-XI*** within 30 days from the date of inspection.

(ii) Any shortfall observed during the inspection shall be communicated forthwith to the lessee for making up the implementation shortfall within the next three months.

(iii) In case of defaulting lessees in respect of timely implementation of approved FMCP proposals observed at the end of 3rd inspection i.e., inspection done in between April to September of the last year of expiry of lease, a notice for forfeiture of FA in terms of Rule 27(4) of MCDR'2017 shall be issued to the lessee within 30 days.

(iv) Non-compliance of the proposals based on the report of the last inspection done in last month of expiry of lease will lead to non-issue of the certificate and the Financial Assurance is liable for forfeiting in terms of Rule 27(5) of MCDR'2017 and also liable for legal actions as per Rule 62 of the said rules. Suitable actions in terms of Rule 27(6) may be initiated within 3 months of forfeiture of FA by the concerned RCOM/DCOM (I/C).

For inspections under item (c), methodology should be as follows:-

(i) Inspection (preferably joint inspection done by a Mining Engineer and a Geologist alongwith state government officer) before issue of closure certificate should be done preferably in the last month of lease expiry and the certificate should be issued within 15 days from the date of expiry of lease (for the cases where lease is expired in terms of Section 8A(6) of MMDR Amendment Act'2015 with balance mineral reserves and area is available for auction in future) after reasonably satisfying the implementation proposals made in the FMCP/ Modifications in the Approved FMCP.

(ii) Except for the part surrendered area (surrendered as it is without disturbing the land) the certificate for implementation of FMCP proposals should be granted at least 3 years after the final closure; ensuring the self-sustainability of the protective, reclamation and rehabilitation work done in the area.

(iii) For the undisturbed part of the lease area surrendered as it is which has not been disturbed through any mining and allied activities, the certificate may be granted immediately after verifying the same on the grounds post final closure. Certificate should be issued in the format enclosed (***Annexure-XII***).

(iv) Inspection Report should be prepared in the format enclosed as ***Annexure-XI***.

(v) For the leases expiring in terms of Section 8A (6) of MMDR Amendment Act'2015, brief suggestions on future auction should be submitted in the format enclosed as ***Annexure-XIII*** to the RCOM/ DCOM (I/C) endorsing a copy to the COM of the respective Zone and CCOM, IBM.

C. Inspection of Prospecting License

The prospecting licenses are granted by the State Government under MCR-2016. For grant of prospecting licenses in respect of any specified minerals in the First schedule of the Act prior approval of the Central Government is required.

The main objective of a prospecting license is to carryout systematic and scientific exploration in the PL area by the license holder so as to enable him to get a Mining Lease.

The importance of prospecting licenses and its monitoring has increased over the years.The license holder after grant and execution of the PL is required to submit various returns, notices, intimations and reports to IBM under MCDR-2017.

Under rule 4 of MCDR, 2017 the license holder is required to submit a scheme of prospecting to IBM within a period of 60 days from the date of execution of the prospecting license. The prospecting scheme shall include:

(a) particulars of area;
(b) the scale of the plan and the area of geological mapping;
(c) the number of pits, trenches, and bore holes which he proposes to put in the area;
(d) the particulars of the machines to be used;
(e) the details of exploratory mining [if any, proposed] to be undertaken;
(f) the number of samples proposed to be drawn and analyzed;
(g) the beneficiation studies proposed to be undertaken; and
(h) any other matter relevant for the preparation of scheme of prospecting, as directed by the Controller General or the authorized officer from time to time by a general or specific order.
(i) baseline information of prevailing environmental conditions before the beginning of prospecting operations;
(j) steps proposed to be taken for protection of environment which will include] prevention and control of air and water pollution, progressive reclamation and rehabilitation of the land disturbed by the prospecting operations, a scheme for the plantation of trees, and such other measures, as may be directed from time to time by the Controller General or the authorized officer for minimizing the adverse effect of prospecting operations on the environment.

Based on above a detailed format for the scheme of prospecting has been approved by the Controller General, IBM and is available in the website of IBM. A copy of the same is placed as ***Annexure-XIV***. It should be ensured that the scheme of prospecting is submitted as per the standard format and all the fields are properly filled. The proposals in the scheme of prospecting should satisfy the requirements of MEMC Rules, 2015 and UNFC field guidelines. Otherwise the PL holder shall be promptly intimated regarding the deficiencies observed with the approval of RCOM/OIC.

Some of the important provisions of the MCDR-2017 governing the prospecting licenses are given in table below. Of the these rules 4 to 9 and rules 47,48,50,53,55 and 63 are of extreme importance from the point of view of a prospecting license. These rules are required to be effectively monitored and followed up and complied with.

Rule	Provision
4	Scheme of Reconnaissance or prospecting

5	Modification of scheme of Reconnaissance or prospecting
6	Reconnaissance or Prospecting operation to be carried out in accordance with scheme of prospecting.
7	Intimation about Reconnaissance or prospecting operations
8	Inspection
9	Report to be submitted by holder of RP/PL
47	Notice of shaft sinking and boreholes
48	Records of shafts and boreholes
50	Notice of transfer of prospecting license cum- mining lease
53	Copies of notices and returns to be maintained
55	Employment of geologist and mining engineer
63	Preservation of cores, etc

It shall be the responsibility of the regional offices, IBM to maintain all information related to the submission of returns, notices and reports etc. in respect of prospecting licenses. The RCOM/OIC of each regional office may nominate the senior most mining geologist of the region to function as a nodal officer who shall be responsible for maintenance of all information and data pertaining to the prospecting licenses. Each year the nodal officer shall collect information regarding the list of the prospecting licenses granted by various state governments along with a copy of the grant orders for records and send the same to the CMG, IBM in the prescribed format. All valid PL and CL areas should be properly monitored and a status report on the valid PL and CL should be sent to CMG after the approval of RCOM/ DCOM (I/C) of the respective region in the prescribed monthly report format as per ***Annexure-XV***.A copy of the report should be endorsed to COM of the respective zone for information.

Each prospecting license area should be inspected at least once during its active period to find out the level of implementation of various proposals scheme of prospecting and also to evaluate the adequacy of exploration proposals to convert part of the resources likely to be established in G1 and G2 categories of UNFC. If required more than one visit of the area may be taken up depending on the necessity.

The prospecting license areas are normally to be inspected by the Mining Geologists posted in the regional/ sub regional offices. However depending on the work load, the same may also be taken up by the mining geologists of the zonal office with the approval of the Chief Controller of Mines.

The procedure to be followed for inspecting PL/CL areas and other follow up action will be same as for the MCDR inspection.

The inspection report of the PL/CL area will be prepared as per format available in ***Annexure-XVI*** and submitted to the controlling officer through the nodal officer for PL/CL areas. A copy of the inspection report will be sent to COM, CMG and the concerned state government.

The inspecting officers will be required to draw representative samples as per CCOM circular No.1/2012 and send the same for testing in OD Lab in IBM.

The inspecting officers will also be required to take few field photographs for records.

The nodal officer/inspecting officer shall examine the PL/CL reports submitted and ensure the reports submitted are as per the prescribed format. The reports are UNFC/

MEMC compliant. Deficiencies, if any, observed shall be communicated to the license holder with the approval of the RCOM/OICwithin active period of PL/CL. (Ref: Circular No. 4/2009 & letter No D-284/6/GMMC/2009/CMG dated 5.7.13.)

D. Inspection of mines for examination of Stoping Notice-

1. DEFINITION:

1.1 Mining operations in an underground mine is generally done in two phases – 'Development' and 'Stoping'.

i) Development means the driving of an opening to, or in an ore body or seam or removing overburden or unproductive or waste materials as preparatory to mining or stoping, and

ii) Stoping means making any underground excavation other than development working made for the purpose of winning ores or minerals and includes extraction or splitting or reduction of pillars or blocks of minerals.

1.2Stoping operations may be partial or full. In partial stoping one or more pillars (but not all pillars) developed in a mine may be extracted simultaneously with development in other sections of a mine. Whereas in full stoping, all the pillars developed in a mine are extracted for final abandonment of the particular mine.

2. OBJECTIVE:

2.1. In the course of development of a mine, the management is expected to develop the mine systematically as per the approved mining plan.

2.2. For stoping operations, the mine management has to seek permission from the competent authority as required under Rule 30 ofMCDR'2017.Permission for stoping is accorded by the Controller of Mines of the Zonal Office.

2.3. the main objective of inspection of a mine, is given below:

i) Whether the blocks proposed to be stoped have been fully developed or blocked;

ii) Whether stoping of the proposed block would hamper further development of the mineral body along strike direction or along dip direction; and

iii) Whether all the pay shoots (especially lean ore shoots/veins) have been included in the proposed stope block.

2.4. In case of inspecting a mine where stoping of all blocks has been proposed with the ultimate idea of abandoning the mine, examination of mine should be conducted with a view to ascertaining:

i) whether the ore body / bodies exposed in the mine have been fully developed at least up to economic pay limits;

ii) whether sufficient exploration has been conducted in order to ascertain occurrence of any other ore bodies or pay zones within a reasonable distance from the opened sections of the mine; and

iii) Whether there is any possibility of developing the mine in future due to change in mining technology, cost structure, etc.

3. PREPARATION OF FIELD WORK:

3.1. The Rule 30 of MCDR 2017 directs a mine owner to submit an Application seeking permission to stope blocks / pillars in Form 'F', accompanied by supporting plans and sections on a desired scale.

3.2 The details provided in the application should be carefully examined with a view to finding out that;

i) the details provided appear to be reliable and cogent;
ii) the details provided are sufficient to ascertain the economic value of blocks/pillars under proposal of stoping. This aspect may need recalculation in office in order to see that all possible lean zones in the contiguous sections have been included, while maintaining the minimum cut off grade. The emphasis should be on the ore left outside stope block.
iii) the details provided clearly spell out the proposed method of stoping and also collection of ore form the stope area; and
iv) the details provided are sufficient to understand the provisions made for further development of sections of the mine contiguous to the proposed stope.

3.3 The plans and sections submitted needs to be thoroughly checked in order to gain reliable knowledge about:
i) ore distribution pattern and morphology,
ii) scope of further development of any or all ore bodies in the mine,
iii) proper blocking of the proposed stope sections, and
iv) provisions of ingress and egress after stoping of proposed block.

3.4 In case of partial stoping, it may be examined whether stoping of small sections in the form of one or two blocks at a time creates locking of sufficient ore in crown or all pillars of small sections. If rich pay zones are likely to be left out in crown or sill pillars then it may have to be examined whether partial stoping is desirable.

3.5 Thus, before going to field all these technical details need to be examined so that the mine may be examined with the set objective.

3.6 The legal aspects of the rule may also be scrutinized. In case of any non-compliance of the provisions of the rule, the same maybe pointed out immediately to the mine management.

3.7 The past performance of the lease especially in relation to compliance of suggestions/directives issued if any, from the department and status of stope if any, permitted earlier, should be checked from the office records.

4 METHODOLOGY OF FIELD WORK:

4.1 The provisions of Rule 30 indicates that a lessee should submit a notice for commencement of stoping operation 60 days prior to the proposed date of commencement of stoping operations. Hence, it provides binding that the department should accord permission or indicate reasons for not according permission within the stipulated period of 60 days. It would, therefore, be desirable that inspection of mine should be planned in such a way that the field officer is able to submit his report to the officer authorized to grant permitting or rejecting the application at least in about 45 days from the date of receipt of application. This will provide 15 days time to the granting authority to examine the report and convey the decision well within the stipulated period of 60 days.

4.2 The points of discrepancies or lacunae if any, observed after through scrutiny in the office may have to be first discussed with the mine management. This will provide an opportunity to understand the points of proposal, which might have remained silent or unexplained in the application.

4.3 In conducting the mine examination, the geological plans, ore distribution plan, assay plan submitted by management may be verified by ground checking the critical/important sections of a mine. Difference if any, observed may have to be projected on cross-sections also in order to find out the actual limits of ore bodies/ veins.

4.4 The relevant data with respect to preparation of assay plans, cost structure, etc., may be verified from office records in order to assess their degree of reliability.

4.5 In addition to the above aspects, special attempt may have to be made to understand clearly the morphology of the ore body, its disposition, its structural behavior and also aspects relating to controls of mineralization. This knowledge is very much necessary to decide whether the bore body has been properly and fully explored or being developed and whether exploration done so far as sufficient or further exploration is required. These aspects are highly essential to consider the proposal for stoping whether it is for a few blocks or all blocks.

4.6 The proposed method of extracting ore is to be studied thoroughly during inspection with special reference to the stoping method, the position of ore chutes, man ways, fill passes, draw points, haulage road, the preparatory drives, if any, prior to actual commencement of stoping, the sequence of attacking each stope block/blocks, the position of stope faces as well as mode of supporting the stope back/ wall rocks at various stages, crown/sill rib pillars proposed to be left, envisaged percentage of extraction during stoping operations, etc. All these aspects are to be critically examined and commented upon. Present state of development and development contemplated but not completed or the time of inspection should be clearly brought out. Inspecting officer should ensure during field visit that development of the mine in lateral directions or in depth would not get jeopardized if permission for stoping of the block/blocks in question is given. In case such a possibility is contaminated, the same along with preventive measures in the form of suggestions for development should be incorporated in the inspection report. It is to be ensured that adequate development lead is being maintained in comparison to the blocked out areas for stoping purposes. The future plan of the issues in extracting different types of pillars with expected recovery percentage may also be commented upon.

4.7 The above mentioned aspects are necessary to study in order to protect the interest of conservation of mineral resources.

5. PREPARATION OF REPORT:

5.1 It is very important to bring out all the information collected during checking of stoping notice at the headquarters and information generated at the time of actual field inspection. Stoping cases are time bound and hence extra effort would be required for preparation and submission of the inspection report within a very short period of time, say, within 10 to 15 days from the date of inspection of the mine. All attempts are to be made to be precise in bringing out the prepared aspects very clearly. The report may be prepared in the format provided for this purposes as in ***Annexure-XVII*****.**

E. Inspection of Mines for Star Rating under SDF

A 'Star Rating' will be awarded to the mining leases for their efforts and initiatives taken for implementation of the Sustainable Development Framework (SDF). One to five stars would be given to the mines. The best performing leases would be given 5 Stars. The star rating scheme is designed to have a built in compliance mechanism for environment and forest safeguards and will help in recognizing good performers in the sector while encouraging all mining lease holders to strive for excellence.

The evaluation template has been designed for the assessment of the SDF

implementation in the mining lease based on the following parameters-

- The management of impact by carrying out scientific and efficient mining.
- Addressing social impacts of our resettlement and rehabilitation requirements for taking up mining activities,
- Local community engagements and welfare programmes, or Steps taken for progressive and final mine enclosure
- Adoption of international standards

Every holder of mining lease shall submit online its self-assessment report before the first day of July, every year for the previous Financial Year along with the soft copy (in the Standard Format), of high resolution satellite images obtained in terms of Rule 35 of MCDR'2017 on the scale of cadastral map, covering the mining lease and area of 2 Kms from the lease boundary to the Regional Controller of Mines or the Authorized Officer of IBM.

On filing of star rating template by the lessee a provisional 'Star Rating' would be awarded automatically and the confirmation would be given upon the due verification by the authorized officer of the IBM through inspection along with MCDR inspection. Star Rating templates for Category 'A' and 'B' mines alongwith FAQ are enclosed as ***Annexure-XVIII& XIX***.

If holder of mining lease fails to submit online template within prescribed time limit,its Star Rating for the year shall be considered as 'Zero'.For any wrong information furnished in the template, inspecting officer should mention his comments in the box provided in the template and change points in validation of self-assessed template filled by the lessee.

If the mine is not qualified for at least four star rating within a period of two years from the date of notification of MCDR 2017 or two years from the date of commencement of mining operations; a show cause notice of forty five days has to be issued under rule 35(4) of MCDR 2017(show notice format is at ***Annexure-XX***).If mine does not improve its rating at least to four star rating the Regional Controller of Mines or the authorized officer of the Indian Bureau of Mines may suspend the mining operations (Suspension order format at ***Annexure-XXI***).

F. Inspection for processing of MP/Review of MP/Modification in MP

Inspection of mines / areas for examination of mining plan or modification / review therein under Rule 16 and 17 of MCR 2016 should be in accordance with the prescribed procedures in IBM Manual for Appraisal of Mining Plan'2017.

The mining plans, modifications / review of mining plan for all 'A' category fully mechanized mines shall invariably be inspected jointly by a Mining Engineer and a Mining Geologist. In case of shortage of officer of any discipline, the concerned Regional Controller may request for officers from zonal offices to carry out the inspection. In exceptional circumstances a single officer may carry out the inspection by justifying in the file.

G. Geological Studies for Establishing the Average Ratio of Lumps And Fines as required in Rule 46 of MCR 2016

1.0 Objective :

1.1 The Central Government notified the "Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016" hereinafter referred to as M(OAHCM)CR-2016 under section 13, of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) on 4th of March 2016.

1.2 Rule 46 of the M(OAHCM)CR-2016 requires Indian Bureau of Mines (IBM) to carry out geological studies for establishing the average percentage of lumps and fines present in the run-of-mine for a state. The study may be based on data/information furnished in the Mining Plan. The average percentage of lumps and fines may be revised by Indian Bureau of Mines as and when found necessary. Indian Bureau of Mines shall publish the data sources and methodology used for arriving at such average percentages in respect of any mineral. Based on the average percentage of lumps and fines and the average sale prices of lumps and fines of that mineral grade for the month, the Indian Bureau of Mines shall publish the average sale price of all grades of run-of-mine, wherever required, for each State every month. The rule 46 of M(OAHCM)CR-2016 is reproduced below for ready reference.

"46.Average sale price in respect of run-of- mine.-*(1) Based on such geological studies as may be deemed to be necessary and the data/information furnished in the Mining Plan by the lessee, the Indian Bureau of Mines shall establish the average percentages of lumps and fines present in run-of-mine for a State. Such average percentage of lumps and fines may be revised by Indian Bureau of Mines as and when found necessary.*
(2) The Indian Bureau of Mines shall publish the data sources and methodology used for arriving at such average percentages in respect of any mineral.
(3) Using the average percentage of lumps and fines and the average sale prices of lumps and fines of that mineral grade for the month, the Indian Bureau of Mines shall publish the average sale price of all grades of run-of-mine, wherever required, for each State every month."

1.3 Definitions:

Definition of Fines: For the purpose of the study, the definition for fines has been drawn from IS 1405 (2010): "Iron Ores — Sampling and Sample Preparation — Manual Method", according to which ore with maximum particle size of 10 mm is considered as fines.

Definition of Run-of-Mine: Run-of-Mine (ROM) has been defined in the M(OAHCM)CR-2016 as "the raw unprocessed or uncrushed material in its natural state obtained after blasting or digging, from the mineralized zone of a lease area".

1.4 Minerals to be covered under the Study:

After careful examination of the Mineral Conservation and Development Rules (MCDR) it was observed that iron ore and chromite are the two minerals for which lumps and fines are reported separately in the returns being furnished to IBM for which it has been decided that these two minerals may be taken up for the study.

1.5 Data sources to be used for the Study:

Mining Plan/Scheme of Mining: The mining plan/scheme of mine constitute the basic document for gathering various information about a mine. The data that may be compiled from the mining plan for the purpose of the study include information on

physiography, local geology; types of ore encountered in the mine, resources assessed with grade, method of mining and the proposed year wise production targets etc. This information from the mining plans for all the mines of a state shall serve the basis for deciding the field methodology to be adopted for the study.

Time series data from annual returns: The time series data for lumps and fines available in the annual returns for all the mines for a particular state for the previous 10 years shall serve as a guide to understand the physical ore characteristics of the mine. The average production from the mine for last five years will also serve as useful criteria for deciding the list of mines that may be considered for the study.

1.6 Selection of mines for the Study:

Ideally it would be desirable to take up the study in all the working mines for a particular mineral for a state. However, it may not be practically possible to take up the study covering all the mines, therefore a careful selection of the mines is required to ensure that the mines are representative in nature and shall meet the requirement of the state.

Proper selection of mines is very critical to the success of the study. It is therefore desired that the Regional Controller or the Officer In-charge should take utmost care while finalizing the list of mines to be covered under the study. Following criteria may be adopted while selecting the mines for the study.

i. All the working mines of the state may be listed with their average production for the previous five years and their contribution to the total production of the state.
ii. The working mines may also be grouped based on their geographic distribution in the state and at least one mine having maximum production should be selected from each belt.
iii. The total number of mines selected for the study should be contributing more than 50% to the total production of the mineral from the state.

1.7 Manpower and Supervision

The study will be carried out under the overall supervision and guidance of the Regional controller of Mines or the officer in charges of the regional offices of IBM. The final report will be signed off by the regional controller or the officer in-charge. The study will have a multidisciplinary in approach. Depending upon the number of mines selected for the study teams may be constituted for field visit and each team will consist of an officer of the geology and another from mining discipline. In each team an officer of the State government may also be associated. For this a request letter to the concerned Directorate of Mining Geology may be written by the Regional office.

1.7.1 For the purpose of the study the following Regional Controller of Mines/OIC shall act as the nodal officer and over all in-charge for coordination, preparation and finalization of the report.

Odisha-	RCOM Bhubaneswar
Chhattisgarh-	RCOM/OIC Raipur
Karnataka-	RCOM/OIC Bangalore
Goa-	RCOM/OIC Goa
Maharashtra-	RCOM/OIC Nagpur
Madhya Pradesh-	RCOM/OIC Jabalpur
Rajasthan-	RCOM/OIC Ajmer

Jharkhand-	RCOM/OIC Ranchi
Andhra Pradesh/Telangana-	RCOM/OIC Hyderabad

1.7.2 In cases where one state is covered by more than one region of IBM, the list of mines to be covered under the study may be finalized in consultation with the Controller of Mines of the respective regions involved. After selection of the mines, the study of the mines will be taken up by the respective regions under whose territorial jurisdiction the mine falls. The final report for the state will be prepared by the nodal officer as mentioned above.

1.7.3 The Controller of Mines of each zone shall have the overall responsibility for monitoring the progress of the study pertaining to the offices under their jurisdiction and rendering necessary technical guidance, manpower and logistic support as may be required from time to time.

1.7.4 The final report may be submitted through the concerned zonal offices with an advanced copy to the Chief Controller of Mines. The controller of Mines may offer their comments on the report if any to the Chief Controller of Mines.

1.7.5 The regional offices shall provide all logistic support for the smooth conduct of the study.

1.8 Methodology of field work

The following methodology may be followed for conducting the field study in the individual mines:

1.8.1 **Pre- Field preparation for the study:** Before proceeding on tour, it is desirable that the officers make themselves fully conversant with the latest approved mining plan documents and the annual returns of the mines. Regional controller/ OIC may have a detailed meeting with all the team members before they proceed on tour and chalk out the approach for the study.

1.8.2 Selection of mine faces/benches for drawing samples for the study: The nature of ore in a mine may vary widely. The ore types available in the mines may be in the form of lumps, friable, granular, platy or as fines or a combination of any of these. The faces of the mine under study should be examined carefully for understanding the nature and morphology of the ore in the mine. The faces where production planning is proposed in the development plan for the current year or the next year may be selected for the purpose of drawing samples.

1.8.3 Number of samples to be drawn for the study from a mine: The number of samples to be drawn for the study from a mine shall depend upon the types of ore available and being mined from the mine. Separate samples may be drawn from each type of ore available in the mine. Once the number of samples to be drawn is finalized the same may be marked on a surface geological plan showing the location and also mentioning the type of ore in the face.

1.8.4 Drawl of sample from faces: The method of drawl of sample from the mine faces shall depend largely upon the nature of the ore body. In case of massive ore, drilling and blasting method as prescribed in the approved mining plan may be resorted to. The size of the drill holes, depth and the blast-hole geometry may be kept same as being generally practiced in the mine and approved in the mining plan. However the number of drill holes for the study may be decided in the field so that a systematic and representative sample can be drawn from the blasted material/muck pile. For the platy, friable or natural fines types of ore no drilling or blasting may be required for drawing samples.

1.8.5 Sampling: Sampling of blasted muck pile: After the blast of a mine face, a suitable stack of appropriate height may be created of the blasted muck and from the stack trenches may be drawn at suitable intervals and samples drawn from the entire length of the trench. The width of the trench may be limited to the width of the shovel being used to draw the sample and the depth of the sample may be up to the height of the stack.

In case of friable or other types of ore where no drilling and blasting is required, sample may be drawn directly from the mine face by using heavy earth moving machineries and then the ore may be directly loaded to the trucks or tippers for weighing and further screening.

1.8.6 **Minimum mass of a sample:** In case the sample is drawn from a blasted muck where the size fraction of the ore may vary widely from less than 1mm to more than 150 mm, the minimum quantity or mass of the individual sample may be kept 200 tonnes. In case of friable or other types of ore where no drilling and blasting is required, the mass of the individual sample may be limited to minimum 50 tonnes.

1.8.7 **Screening of the samples:** Each sample drawn for the study shall be subjected to screening and weighing separately. Before screening of the samples, the same shall be weighed and weight of the total sample prior to screening shall be recorded. Then the entire ROM sample shall be passed through a screen having aperture of 10 mm size. The quantity of the -10 mm and +10mm ore will be weighed separately for calculating weight of the lump and fine from the ROM sample. Once the sampling and screening process is completed for all the samples, the weighted average of lump and fine ratio in ROM for the mine may be obtained arithmetically.

1.8.8 **Laboratory samples for Chemical analysis:** Suitable representative samples may be drawn, both of the fines and lumps for carrying out chemical analysis of the ore. The analysis may be done in the available facility of the mine and additionally the samples may also be analyzed in the RODL laboratories of IBM or the laboratory facilities available with the State Government on payment basis. Before blasting of the face the drill cuts may also be got analyzed and records kept for reference. The entire cost of sampling and analysis shall be borne by the lessee.

2.1 Reporting:

2.1 **Mine wise report of sampling and analysis:** A brief report may be prepared for each mine covered under the study in the format enclosed with these guidelines as ***Annexure-XXII*****.** The report shall be signed off by all the team members including the state representative and the mine official associated with the study. Sufficient number of photographs depicting the sample faces and sampling process may be taken and enclosed as a part of the report. Videography of the sampling methodology etc. may also be done if required. A plan showing the faces of the mine from where the samples were drawn along with the various types of ore observed in the mine faces may be enclosed with the report in a suitable scale (the year wise development/ surface geological plan may be used for the purpose).

2.2 **Final report on geological study for establishing the average percentage of lumps and fines present in the run-of-mine for a state:** The final report of the study shall be prepared incorporating the data and information on sampling carried out in individual mines. The report shall be prepared in the format enclosed with these guidelines as ***Annexure-XXIII*****.** Individual mine wise reports shall form a part of the main report as annexures. The report shall be prepared under the guidance of the nodal officer and signed by him.

H. Task Force Inspection

The inspections shall be carried as per the instructions issued for the case in reference and joint inspection report should be prepared and submitted in the format enclosed as ***Annexure- XXIV*** highlighting the crucial findings.

I. Joint Inspection with State Govt. under Illegal Mining References:

Joint inspections alongwith State Govt. shall be carried out for the illegal mining references received from the Chief Controller of Mines. Report of the inspection so carried out should be prepared and submitted within 7 working days after completion of the inspection in the format enclosed as ***Annexure-XXV*** to the RCOM/ DCOM (I/C).

J. Check-up Inspection

The Check-up Inspection shall be carried out by the Regional Controller of Mines /DCOM (I/C) or COM of the respective Zonesas per approved annual programme for guidance of sub-ordinate officers with the objective of improving the quality of inspection. Check-up inspection report format is at ***Annexure-XXVI*.**

K. Any other Inspection as directed by Competent Authority

Any other inspection shall be carried out as per directions received from Competent Authority.

7. POST INSPECTION REQUIREMENT

i) The inspecting officer shall submit a brief note within five days after return from the tour to his controlling officer regarding salient observations on the mines inspected with respect to issues highlighted during the briefing note submitted by him before proceeding for the inspection in the format given in ***Annexure-VII***.

ii) Any spot guidance rendered to mine owner/mine officials as well as compliance of different notices during inspections should be brought to the notice of the Regional Controller of Mines in the debriefing note.

iii) Compliance of MCDR, 2017 shall be monitored during each inspection (MCDR/ FMCP/ Stoping/ PL areas/NERP/ Star Rating/Check-up/ MP/ Task Force / Joint inspections) and violations observed, if any, shall be pointed out and followed as per the procedure enunciated in this Manual.

iv) Draft violation letter (with speaking type of violation bringing out specific rule, sub rule and extent of non-compliance by the lessee) of MCDR, 2017 (***Annexure-XXVII***) providing 45 days' time to the lessee for compliance, shall be submitted by the inspecting officer to the Regional Controller of Mines/OIC within 10 days of return from the inspection tour. In case of inspection carried out by Asstt. Mining Engineer, Asstt. Mining Geologists, a draft violation letter shall be submitted to the Regional Controller of Mines through a Group 'A' Officer authorized in the Region in this behalf.

v) The inspecting officer will ensure that violation letters are issued by the competent Authority within 15 days from their return of inspection tour.

vi) In case where reply of lessee is considered unsatisfactory or where there is no reply even after expiry of 45 days of the date of issue of violation letter, a show cause notice (***Annexure-XXVIII***) shall be issued to the lessee allowing further 30 days to comply the violation with the approval of RCOM on the

file. Both the violation letter and show-cause notice shall be issued by registered/speed post, alongwith other mode of communication like email/fax etc.

vii) Monitoring of all inspections carried out & follow-up action for violations observed, shall be responsibility of the individual inspecting officer and RCOM/OIC.

viii) Each inspection has to bring to its logical end through issue of violation letter, show cause notice, suspension/prosecution as per the system in practice.

ix) Suspension and prosecution may be taken up simultaneously for a lease inspected by an officer.

x) The inspecting officer shall submit his inspection report within 30 days from the date of inspection of mine as per format given in ***Annexure-XXIX***. Timely data entry of all inspections and follow up actions, as per prescribed formats in relevant data base and its correctness shall be the responsibility of the individual inspecting officer.

xi) In case of joint inspection, the inspections shall be reflected as a single inspection against the target of the region. However the targets may be proportionately reflected among the inspecting officers. Suitable provisions to be made in the TMIS/MTS accordingly. The MCDR report as well as follow up action regarding compliance of MCDR violations observed during the joint inspection shall be taken up by the officer in whose account the achievement of the target has been considered.

xii) Inspecting officer should examine all the instructions as applicable on the date of inspections.

xiii) Inspection reports, violation letter, show cause notice, scrutiny comments or any other prescribed documents duly approved by RCOM shall be uploaded on IBM website by the inspecting officer within five days of issue of the same.

xiv) In case of contravension of MCDR, 2017 legal action may be initiated by the inspecting officer against the lessee with approval of RCOM/DCOM In-charge in terms of Rule 62 of MCDR'2017.

xv) For Suspension of Mining Operations under Rule 11(2) and launching prosecution for violation of rules11(1) of MCDR, 2017 the competent authority shall be the Regional Controller of Mines of the concerned Region.(Model Performa of Suspension order at ***Annexure-XXX***)

xvi) In case of non-compliance of the violation within 90 days after issue of show cause notice a reference shall be issued to the State Government recommending termination or suitable action of lease to state govt. for deviation of conditions of the covenants of the lease deed as per Rule 12(10) of MCR, 2016 as per prescribed format at ***Annexure-XXXI***.

xvii) No Violation letter or Show Cause Notice shall be issued without the approval of RCOM/ DCOM (I/C) for the region.

xviii) RCOM will conduct monthly meeting with all officers to review the status of implementation of Annual Programme of the Region and the minutes of the meeting shall be submitted to the Controller of Mines within five days from the meeting.

7.2 Standard Procedure for issuing MCDR, 2017 violation based on Office Records:

Violation letter followed by show cause notice in case of non-compliance needs to be issued to lessees for non-compliance of rules based on office records. All these violations should be followed till their logical conclusions as per the procedures prescribed in the

inspections. Violations based on office records shall be sent by an authorized officer after taking due approvals from RCOM/ DCOM (I/C).

8. COMPOUNDING OF OFFENCES

8.1. CLASSIFICATION OF VIOLATIONS UNDER MCDR 2017

The Circular No. 17/2003 dated 19.08.2003 issued by the Chief Controller of Mines has classified seriousness of violations under MMDR Act 1957 and MCDR, 1988. The more serious violations were considered on the matters of implementation of mining plan or any direct issue and issues relating to prohibition of working in part of mine and also on compliance of the orders issued under Section 24 of MMDR Act, 1957.

The violations under **serious category** were considered as those related to prospecting operations being carried out in accordance with scheme of prospecting or not, mining plan is implemented or not, checking underground stoping operations in accordance with the permission granted or not, simultaneous reclamation of mined out area is carried out or not, physical examination of the protective measures for protection of environment viz. quality of afforestation, obstruction of water stream, dump height and its geometry, quality of retaining wall and its failure, plan and sections updated or not, stacking of top soil, overburden material and sub-grade mineral at appropriate places or not, environmental monitoring as proposed is carried out or not, major layout of mine including advance development of overburden, areas vis-à-vis exposure of mineral bodies in opencast mines and proportionate development vis-à-vis stoping operations in underground mines are existing or not.

The violations of **Less-serious** category as mentioned above viz., matters of modification of scheme of reconnaissance required, its intimation and similarly modification of scheme of prospecting and its intimation should be advised on spot. maintenance of records of use of plant and machinery, copies of plans and sections to be maintained at mine office and its upkeep, correctness of returns and notices, notice of appointment, borehole record, change in the name of mine, transfer of PL/ML notice, transfer of records and submission of returns and notices to the state government, issue of preservation of cores, facilities for research and training, etc.

Taking in to consideration that mining plan is the basic document for scientific mining therefore violation on approval of mining plan and its proper implementation, scientific closure of mine, sustainable mining etc. should be under 'more serious' category, accordingly the violations of MCDR 2017 and MMDR 1957 have been reclassified under 'More serious' 'Serious' and 'Less serious' category as given below:

A. **More serious Category**

Rule 4-	Submission of Scheme of Reconnaissance or Prospecting.
Rule 6 –	Reconnaissance or Prospecting Operations to be in accordance with respective schemes
Rule 8 –	Inspection of PL Areas.
Rule 11 –	Mining operations under mining lease.
Rule 12 –	Prospecting and Mining Operations.
Rule 15 –	Underground Mining Operations.
Rule 21 –	Abandonment of mines.
Rule 22 –	Mine Closure Plan.
Rule 23 –	Submission of Progressive Mine Closure Plan.
Rule 24 –	Submission of Final Mine Closure Plan.
Rule 27 –	Financial Assurance.
Rule 30 –	Stoping of vein, etc.

Rule 32 – Type of Plans and Sections.
Rule 35 – Sustainable Mining.
Rule 58 – Power to issue directions.
Rule 59 – Examination of mineral deposits and taking samples.
Rule 60 – Prohibition of deployment in certain faces.
Rule 67 – Obligation to supply other information.
Rule 72 – Geological Reports.

B. **Serious Category**

Rule 5- Modification of Scheme of Reconnaissance or Prospecting.
Rule 9 – Reports to be submitted by holder of a reconnaissance permit or prospecting licence cum mining lease or any other authorized agency.
Rule 13 – Opencast workings.
Rule 14 – Separate Stacking of non-saleable minerals.
Rule 16 – Sub-grade minerals to be brought to surface.
Rule 17 – Prohibition of reduction of blocks.
Rule 18 – Beneficiation studies to be carried out.
Rule 25 – The modification of Mine Closure Plan.
Rule 26 – Responsibility of a holder of a mining lease on protective measures on reclamation.
Rule 33 – Copies of plans and sections to be submitted.
Rule 36 – Removal and utilization of top soil.
Rule 37 – Storage of overburden, waste rock, etc.
Rule 38 – Precaution against ground vibrations.
Rule 39 – Control of surface subsidence
Rule 40 – Precaution of air pollution.
Rule 41 – Discharge of toxic liquid.
Rule 42 – Precaution against noise.
Rule 43 – Permissible Limits and Standards.
Rule 44 – Restoration of Flora.
Rule 45 – Monthly and Annual Returns.
Rule 55 – Employment of Geologists and Mining Engineer.
Rule 56 – Duties of Geologists.
Rule 57 – Duties of Mining Engineer.

C. **Less serious Category**

Rule7- Intimation about Reconnaissance or Prospecting Operations.
Rule 19 – Machinery and Plant.
Rule 20 – Notice for opening of Mine.
Rule 28 – Notice of temporary discontinuance of work in mines and obligations of lease holders.
Rule 29 – Intimation of re-opening of mine.
Rule 31 – General requirement about plans and sections.
Rule 34 – Preparation of Plans.
Rule 46 – Notice of certain appointments.
Rule 47 – Notice of shaft sinking and bore holes.
Rule 48 – Records of shafts and bore-holes.
Rule 49 – Change in name of mine to be notified.
Rule 50 – Notice of transfer of prospecting licence-cum- mining lease or mining lease.
Rule 51 – Notice of amalgamation of mining lease.
Rule 52 – Transfer of records to transferee.
Rule 53 – Copies of Notices or Returns and records to be submitted to State

Government.
Rule 54 – Copies of Notices and returns to be maintained
Rule 64 – Facilities for undertaking research or training.
Rule 65 – Submission of records or reports regarding research in geology and mining.
Rule 63 – Preservation of cores, etc.

8.2. PROCEDURE OF COMPONDING OF OFFENCES

LEGAL FRAMEWORK

1. Section 23 A of the MMDR Act 1957 permits compounding of offences under this Act and any rules made thereunder, both before or after institution of prosecution. This section which was inserted in the Act by Amendment Act of 1972 lays down following provisions:

"23 A (1) any offence punishable under this Act or any rule made thereunder may, either before or after institution of prosecution, be compounded by the person authorized under Section 22 to make a complaint to the court with respect to the offence, on payment to that person, for credit to the government of such sum as that person may specify:

Provided that in case of an offence punishable with fine only, no such sum shall exceed maximum amount of fine which may be imposed for that offence.

(2) Where an offence is compounded under sub section (1), no proceedings or further proceedings as the case may be, shall be taken against the offender in respect of the offence so compounded and the offender, if in custody shall be released forthwith."

2. The implication of the above provision is as given below:

i) Prosecution can be initiated for any violation of any of the rule framed under the MMDR Act, 1957.
ii) Any offence punishable under MMDR Act, 1957 and the rules thereunder may be compounded :
iii) The offence may be compounded either before or after institution of prosecution i.e. before or after filing of the case in the court of law.
iv) The offence may be compounded by any person authorized under Section 22 to make a complaint to the court with respect to that offence
v) The offence could be compounded only on payment of a sum specified by the person compounding offence to that person for credit to the govt.
vi) In case where the offence is punishable with fine only, the sum specified for compounding should not exceed maximum amount of fine which may be imposed for that offence

vii) After the offence is compounded no court should proceed or further proceed against the offender in respect of the offence so compounded and the offender, if in custody, shall be released forthwith.

When to compound:

3. As per outcome of the deliberations at IBM Headquarters in June 2016, compounding can be done only for the cases which are admitted in any court of law clearing the doubts regarding pre or post institution of prosecution. Therefore, it is

now mandatory that the case should have been admitted in a court of law before compounding is done.

4. It would be evident from legal position explained in the above two paras that every violation of MCDR 2017 is legally compoundable. However section 23 A gives a discretion to the authorized officer whether to compound an offence or not in a given case whether compounding should be resorted to or not must be judged on the facts and circumstances of the particular case. It should be borne in mind that in certain cases, it will be appropriate to resort to prosecution as this has a deterrent effect while compounding may not have such an effect on the defaulter. Normally, the offence should be compounded only when the defaulting party has:

a) accepted its mistake
b) rectify the violation
c) paid the requisite fine and
d) given an undertaking that it will in future abide by the rules and orders issued thereunder.

No compounding should be undertaken if the party commits breach of the same rule for second time.

Pre-requisites of compounding

5. An offence could be compounded only on payment of sum specified by the officer compounding the offence to the credit of the govt. The next question is as to what sums should be specified for compounding different offences. According to rule 62 of MCDR, 2017 various offences under these rules are punishable with imprisonment which may extend upto two years or with fine which may extend upto Rs.5,00,000/- or with both and in case of continuing contravention with an additional fine which may extend upto Rs.50,000/- for every day during which such contravention continues.

6. Equity, however, demands that the sum required for compounding an offence should vary depending upon gravity of offence. Inevitably, the amount in each case will vary depending upon merits of that case. The guiding factor should be that the amount fixed is not only fair in the circumstances of the case but also acts as a deterrent for future. It should also take into account the time, money and energy spent by the Department in processing the case and in paying counsel's fee.

7. Taking into consideration the objectives behind MCDR, 2017 and the gravity of various offences under these rules are divided under the three categories i.e. 'More Serious' 'Serious' and 'Less serious' as detailed above.

8. Since the gravity of the offence may also vary from mine to mine depending on the size, scale and type of mining, these factors are also relevant for determining the amount for compounding of offences. The mines have already been classified under two different categories i.e. 'A' and 'B' as per rule 55 of MCDR, 2017.

9. For compounding the offences grouped under the above categories, following amounts are suggested:

Class of violation	**A Category mine**	**B category mine**
More serious	Rs.2.0 Lakh per rule	Rs. 1.0 Lakh per rule
Serious	Rs.1.0 Lakh per rule	Rs. 0.5 Lakh per rule
Less Serious	Rs. 0.5 Lakh per rule	Rs. 0.25 Lakh per rule

Note: Maximum amount for compounding should not be more than 5 Lakhs in any case.

Competent Authority for Compounding:

The officers of IBM authorized under section 22 of MMDR Act 1957 to prefer complaints in writing to a court of law are mentioned in para 2 above and all these officers are also authorized to compound under section 23 A of the MMDR Act 1957.

Procedure for Compounding:

For compounding of cases in regional offices of MDR Division, the following procedure is laid down:

i) The concerned inspecting officer who has launched prosecution may compound the case after he has received approval in file from the concerned Regional Controller of Mines.
ii) In case of Regional Controller of Mines who has launched the prosecution himself shall not approve the case for compounding unless he has obtained approval for doing so from the concerned Controller of Mines.

Procedure for Remittance of the money for Compounding of the offences.

a) **Money paid by crossed demand draft:** The compounding fees (fine) amount may be remitted through a crossed demand draft in favour of Drawing and Disbursing Officer of Regional Office, IBM payable at respective location. The Regional Controller of Mines/ Dy. Controller of Mines in-charge shall duly acknowledge the receipt of demand draft by issuing a receipt indicating the purpose for which it has been received.

b) On closure of the compounding, an office memorandum has to be issued indicating:
   i) the accused (lessee/owner/agent) has pleaded guilty
   ii) he/they has /have rectified the offence committed
   iii) he/they has/have paid the compounding fees of Rs……..…. through Bank draft vide receipt no. ……..dated……..…..
   iv) he/they has/have given declaration that he/ they will not repeat the violation in future
   v) the concerned trial magistrate for the case no……. may consider to drop the case in view of the matter has been compounded.

9. TIMELY SUBMISSION OF RETURNS

Rule 45 of MCDR 2017 pertains to submission of statutory returns by the mine owners. The extracts of rule 45 (5) and 45 (7) of MCDR 2017 are given below:

"Rule 45(5) of MCDR 2017: The holder of mining lease shall submit online returns in respect of each mine to the Regional Controller or any other authorized official of the Indian Bureau of Mines in the following manner, namely:-

(a) a daily returns which shall be submitted through in electronic form through the application developed by the Indian Bureau of Mines, by 1800 hours of the third day following the day of reporting, which may be edited before the time deadline provided in this regard;

(b) a monthly return which shall be submitted before the tenth of every month in respect of the preceding month in electronic form along with a signed print copy of the same if it is not digitally signed in the respective form as indicated below:-

i. for all minerals except copper, gold, lead, pyrite, tin, tungsten, zinc, precious and semi-precious stone, in Form F1 of the Schedule;

ii. for copper, gold, lead, pyrite, tin, tungsten and zinc, in form F2 of the schedule; and

iii. for precious and semi-precious stones, in Form F3 of the Schedule;

(c) an annual return which shall be submitted before 1st day of July each year for the preceding financial year in electronic form along with a signed print copy of the same if it is not digitally signed in the respective form as indicated below:-

i. for all minerals except copper, gold, lead, pyrite, tin, tungsten, zinc, precious and semi-precious stone, in Form G1 of the Schedule;

ii. for copper, gold, lead, pyrite, tin, tungsten and zinc, in form G2 of the schedule; and

iii. for precious and semi-precious stones, in Form G3 of the Schedule;

Rule 45(7) of MCDR 2017 if it is found that holder of mining lease or the person or company engaged in trading or storage or end-use or export of minerals, as the case may be, has submitted incomplete or wrong information in daily or monthly or annual return or fails to submit return within the date specified ;

(a) then in the case of mining of minerals by the holder of a mining lease, the Regional Controller of Mines may advise the State Government to,-

(i) order suspension of all mining operations in the mine and to revoke the order of suspension only after ensuring proper compliance;

(ii) take action to initiate prosecution under these rules;

(iii) recommend termination of the mining lease, in case such suppression or misrepresentation of information indicates abetment or connivance of illegal mining;"

Procedure for Scrutiny of Monthly and Annual Returns :

a) Where the returns are not submitted or submitted late or have incomplete or wrong information, the Regional Controller of Mines shall issue a violation letter to the lessee followed by show cause notice. Draft violation letter Performa for Rule 45(5) of MCDR 2017 at ***Annexure-XXXII***

b) Scrutiny of returns is being carried out by MMS division of IBM and the comments / observations are being sent to the concerned Regional office.

c) If the violations are not rectified by the lessee, then , Regional Controller of Mines will advise the State Government under rule 45(7) (a) for taking action under these rules. Performa for advice to State Govt. is enclosed as ***Annexure-XXXIII***.

d) In existing case where mines have already been suspended for non-compliance of rule 45 of MCDR 1988, and the lessee approaches the IBM for revocation of Suspension order after complying the violations, the Regional Controller of Mines may recommend the concern State Government for revocation of suspension order.

10. TERMINOLOGY OF 'WORKING', 'NON-WORKING', 'REPORTING' AND 'NON REPORTING' MINE:

1. **Working Mine:** working mine are those mine which has reported any mining or allied operation i.e. exploration, development, production, dump management, backfilling etc. during the previous financial year.

2. **Non-Working Mine:** non-working mine are those mine which has not reported any mining or allied operation i.e. exploration, development, production, dump management, backfilling etc. during the previous financial year.

3. **Reporting Mine:** The mine which has submitted all or at least one return (monthly/ annual) during the previous financial year. The reporting mine may or may not be a working mine.

4. **Non-reporting Mine:** The mine which has not submitted any return during the previous financial year. The non-reporting mine may or may not be a working mine.

11.0 ACKNOWLDGEMENT

The drafting team acknowledges the guidance provided by the Chief Controller of Mines, Controller of Mines and also thankful for the views/comments received from various offices.

*****

ANNEXURES

रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

असाधारण
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भाग III—खण्ड I
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खान मंत्रालय

(भारतीय खान ब्यूरो)

अधिसूचना

नागपुर, 07 दिसंबर, 2016

सं.टी-43010/सी.जी.बी.एम./2014.— खनिज संरक्षण एवं विकास नियमावली 1988 के नियम संख्या 62 द्वारा प्रदत्त अधिकारों का उपयोग करते हुए तथा दिनांक 7 मार्च, 1988 के भारतीय राजपत्र के भाग III, अनुच्छेद - I में प्रकाशित अधिसूचना संख्या- टी-43010/सी.जी.बी.एम./97, दिनांक 19 फरवरी, 1988 में आंशिक संशोधन करते हुए भारतीय खान ब्यूरो के आँचलिक एवं क्षेत्रीय कार्यालयों के प्रादेशिक क्षेत्राधिकार में निम्नानुसार संशोधन किये जाते हैं :-

1 खान नियंत्रक (उत्तरांचल) का कार्यालय अजमेर से उदयपुर स्थानांतरित किया जा रहा है।

2 गांधीनगर गुजरात में एक नया क्षेत्रीय कार्यालय शुरू किया जा रहा है।

3 गुवाहाटी उप-क्षेत्रीय कार्यालय को क्षेत्रीय कार्यालय का दर्जा दिया जा रहा हैं।

उपरोक्त संशोधनों के मद्देनजर भारतीय खान ब्यूरो के संबंधित आँचलिक एवं क्षेत्रीय कार्यालयों के संशोधित प्रादेशिक क्षेत्राधिकार निम्नानुसार है :-

आँचलिक कार्यालय	क्षेत्रीय कार्यालय	राज्य / संघशासित राज्य	जिला
खान नियंत्रक (उत्तर) भारतीय खान ब्यूरो, उदयपुर	अजमेर क्षेत्र	राजस्थान	सभी जिले
	गांधीनगर क्षेत्र	गुजरात	सभी जिले
	देहरादून उप-क्षेत्र	वही जो भारत के राजपत्र के भाग - III अनुभाग - I दिनांक 7 मार्च, 1998 तथा भारत के राजपत्र के भाग- III अनुभाग -I दिनांक 11 मार्च, 1999 में निर्धारित है।	

खान नियंत्रक (मध्य) भारतीय खान ब्यूरो, नागपुर	गुवाहाटी क्षेत्र	अरूणाचल प्रदेश	सभी जिले
		असम	सभी जिले
		मणिपुर	सभी जिले
		मेघालय	सभी जिले
		मिजोरम	सभी जिले
		नागालैण्ड	सभी जिले
		सिक्किम	सभी जिले
		त्रिपुरा	सभी जिले
	कोलकाता क्षेत्र	अण्डमान एवं निकोबार द्वीप समूह	सभी जिले
		झारखण्ड	सराईकेला-खरसांवा, सिंगभूम (पूर्व), सिंगभूम (पश्चिम).
		पश्चिम बंगाल	सभी जिले
	रॉंची क्षेत्र	बिहार	सभी जिले
		झारखण्ड	सराईकेला-खरसांवा, सिंगभूम (पूर्व), सिंगभूम (पश्चिम) के अलावा अन्य सभी जिले
	भुवनेश्वर क्षेत्र	वही जो भारत के राजपत्र के भाग - III अनुभाग-I दिनांक 7 मार्च, 1998 तथा भारत के राजपत्र के भाग-III अनुभाग - I दिनांक 11 मार्च, 1999 में निर्धारित है।	
	जबलपुर क्षेत्र	वहीं जो भारत के राजपत्र के भाग - III अनुभाग - I दिनांक 9 मई 2016 में निर्धारित है।	
	नागपुर क्षेत्र		
	रायपुर क्षेत्र		

भारतीय खान ब्यूरो के खान नियंत्रक (उत्तरांचल), उदयपुर, क्षेत्रीय खान नियंत्रक, गांधीनगर क्षेत्र, एवं क्षेत्रीय खान नियंत्रक, गुवाहाटी क्षेत्र के कार्यालयों के पते निम्नानुसार होंगे:-

1. खान नियंत्रक (उत्तर) का कार्यालय
   भारतीय खान ब्यूरो,
   142-सी, सेक्टर – 11,
   हिरणमगरी स्कीम,
   उदयपुर – 313001 (राजस्थान)
2. क्षेत्रीय खान नियंत्रक का कार्यालय
   भारतीय खान ब्यूरो,
   सी विंग, चौथा तल, ब्लॉक क्रं 2,
   कर्मयोगी भवन, सेक्टर 10 ए
   गांधीनगर – 382 001 (गुजरात)

3. क्षेत्रीय खान नियंत्रक का कार्यालय
भारतीय खान ब्यूरो,
मकान सं 216, तृतीय तल,
पोस्ट - बानुनीमैदान,
जिला –कामरूप,
गुवाहाटी – 781 021(असम)

उपरोक्त अधिसूचना भारत के राजपत्र में प्रकाशन की तिथि से प्रभावी मानी जाएगी।

आदेश

आदेश दिया जाता है कि खान नियंत्रक (उत्तरांचल) एवं खान नियंत्रक (मध्यॉचल) के अन्तर्गत क्षेत्रीय/उप-क्षेत्रीय कार्यालयों के क्षेत्राधिकार सर्वसाधारण की सूचना के लिए भारत के राजपत्र, भाग -III अनुच्छेद - । में प्रकाशित किए जाएँ।

आर. के. सिन्हा, महानियंत्रक

MINISTRY OF MINES

(INDIAN BUREAU OF MINES)

NOTIFICATION

New Delhi, the 7th December, 2016

No. T- 43010/CGBM/2014.— In exercise of the powers conferred by Rule 62 of the Mineral Conservation and Development Rules, 1988 and in partial modification to the Notification No. T-43010/CGBM/97 dated 19th February, 1998 published in the Gazette of India, Part III Section I dated 7th March, 1998, the following changes are being made to the territorial jurisdiction of the Zonal/Regional offices of Indian Bureau of Mines:

i) The Office of the Controller of Mines (North Zone) is being shifted to Udaipur from Ajmer.
ii) A new Regional office is being opened at Gandhinagar (Gujarat).
iii) The Guwahati Sub-Regional office is being upgraded to Regional Office.

In view of above changes, the revised territorial jurisdiction of the concerned IBM offices is given as under:

Zonal Office	Regional Office	State/UT	Districts
Controller of Mines (North Zone), Indian Bureau of Mines, Udaipur	Ajmer Region	Rajasthan	All Districts.
	Gandhinagar Region	Gujarat	All Districts.
	Dehradun Region	Same as that of prescribed in Gazette of India Part III Section I dated 7th March, 1998	
Controller of Mines (Central Zone), Indian Bureau of Mines,	Guwahati Region	Arunachal Pradesh	All Districts.

Nagpur.		Assam	All Districts.
		Manipur	All Districts.
		Meghalaya	All Districts.
		Mizoram	All Districts.
		Nagaland	All Districts.
		Sikkim	All Districts
		Tripura	All Districts.
	Kolkata Region	Andaman & Nicobar Islands	All Districts.
		Jharkhand	Saraikela-Kharsawan, Singhbhum (East), Singhbhum (West).
		West Bengal	All Districts.
	Ranchi region	Bihar	All Districts.
		Jharkhand	All Districts except Saraikela-Kharsawan, Singhbhum (East), Singhbhum (West) districts.
	Bhubaneshwar Region	Same as that of prescribed in Gazette of India Part III Section I dated 7th March, 1998, and Gazette of India Part III Section I dated 11th March, 1999.	
	Jabalpur Region	Same as that of prescribed in Gazette of India Part III Section I dated 7th March, 1998, and Gazette of India Part III Section I dated 9th May, 2016.	
	Nagpur Region		
	Raipur Region		

The office addresses of the offices of the Controller of Mines (North Zone), Regional Controller of Mines, Gandhinagar Region and Regional Controller of Mines, Guwahati will be as under:

1. Office of the Controller of Mines (North Zone)
   Indian Bureau of Mines,
   142-C, Sector-XI,
   Hiranmagri Scheme

Udaipur – 313 001 (Rajasthan)

2. Office of the Regional Controller of Mines,
Indian Bureau of Mines,
C Wing, 4th Floor, Block No.-2,
Karmayogi Bhavan,
Sector 10A,
Gandhinagar – 382 010 (Gujarat)

3. Office of the Regional Controller of Mines,
Indian Bureau of Mines,
House No. 216, 3rd Floor,
Post - Banunimaidan,
Distt. : Kamrup
Guwahati-781 021 (Assam)

The above shall come into force with effect from the date of publication of this notification in the Gazette of India.

ORDER

Ordered that these territorial jurisdictions of the Regional / Sub-Regional offices under the Controller of Mines (North Zone) and Controller of Mines (Central Zone), Indian Bureau of Mines, be published in the Gazette of India, Part III Section I for general information of all.

R. K. SINHA, Controller General

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ALOK KUMAR Digitally signed by ALOK KUMAR Date: 2017.01.16 14:22:36 +05'30'

रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

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खान मंत्रालय

(भारतीय खान ब्यूरो)

शुद्धिपत्र

नागपुर, 30 जनवरी , 2017

फा.सं. टी-43010/सी.जी.बी.एम./2014.—दि. 13 जनवरी, 2017 को भारत के राजपत्र (असाधारण), भाग III, अनुच्छेद –I में प्रकाशित अधिसूचना सं. टी-43010/सी.जी.बी.एम./2014 दि. 7 दिसंबर, 2017 के हिंदी संस्करण में:

1. पृष्ठ एक पर दूसरी पंक्ति में "दिनांक 7 मार्च, 1988" के स्थान पर "दिनांक 7 मार्च, 1998" पढ़ा जाए ।
2. पृष्ठ एक पर तीसरी पंक्ति में "दिनांक 19 फरवरी, 1988" के स्थान पर "दिनांक 19 फरवरी, 1998" पढ़ा जाए ।
3. पृष्ठ एक पर आँचलिक कार्यालय, खान नियंत्रक (उत्तर), भारतीय खान ब्यूरो, उदयपुर के अंतर्गत क्षेत्रीय कार्यालय के स्तम्भ् में "देहरादून उप-क्षेत्र" के स्थान पर "देहरादून क्षेत्र" पढ़ा जाए ।
4. पृष्ठ एक पर आँचलिक कार्यालय, खान नियंत्रक (उत्तर), भारतीय खान ब्यूरो, उदयपुर के अंतर्गत राज्य / संघशासित राज्य एवं जिला के स्तम्भ में "वही जो भारत के राजपत्र के भाग - III अनुभाग - I दिनांक 7 मार्च, 1998 तथा भारत के राजपत्र के भाग- III अनुभाग -I दिनांक 11 मार्च, 1999 में निर्धारित है।" के स्थान पर "वही जो भारत के राजपत्र के भाग -III अनुभाग -I दिनांक 7 मार्च, 1998 में निर्धारित है।" पढ़ा जाए ।

आर. के. सिन्हा, महानियंत्रक

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and Published by the Controller of Publications, Delhi-110054.

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रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग III—खण्ड 1
PART III—Section 1
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 05] नई दिल्ली, मंगलवार, फरवरी 28, 2017/फाल्गुन 9, 1938
No. 05] NEW DELHI, TUESDAY, FEBRUARY 28, 2017/ PHALGUNA 9, 1938

खान मंत्रालय

(भारतीय खान ब्यूरो)

अधिसूचना

नागपुर, 24 फरवरी , 2017

सं. टी-43010/सी.जी.बी.एम./2014.—खनिज संरक्षण एवं विकास नियमावली, 1988 के नियम 62 द्वारा प्रदत्त शक्तियों का उपयोग करते हुए तथा निम्नलिखित अधिसूचनाओं में आंशिक संशोधन करते हुए

1. भारत के राजपत्र के भाग III, अनुच्छेद - 1 में दिनांक 7 मार्च, 1998 को प्रकाशित अधिसूचना संख्या टी/43010/सी.जी.बी.एम/97, दिनांक 19 फरवरी, 1998
2. भारत के राजपत्र के भाग III, अनुच्छेद - 1 में दिनांक 27 मार्च, 1999 को प्रकाशित अधिसूचना संख्या-टी/43010/सी.जी.बी.एम/97, दिनांक 11 मार्च, 1999
3. भारत के राजपत्र के भाग- III, अनुच्छेद - 1 में दिनांक 9 मई, 2016 को प्रकाशित अधिसूचना संख्या-टी/44027/रायपुर क्षे.का./सी.जी.बी.एम./2015,/ दिनांक 12 अप्रैल,2016
4. भारत के राजपत्र के भाग- III, अनुच्छेद - 1 में दिनांक 13 जनवरी, 2017 को प्रकाशित अधिसूचना संख्या-टी/43010/सी.जी.बी.एम./97, दिनांक 7 दिसम्बर, 2017

MINISTRY OF MINES

(INDIAN BUREAU OF MINES)

NOTIFICATION

Nagpur, the 24th February, 2017

No. T-43010/CGBM/2014.—In exercise of the powers conferred by Rule 62 of the Mineral Conservation and Development Rules, 1988 and in partial modification to following notifications, namely,

1. Notification No.T-43010/CGBM/97, dated 19th February, 1998 published in the Gazette of India, Part III, Section 1, dated 7th March, 1998,
2. Notification No. T-43010/CGBM/97, dated 11th March, 1999 published in the Gazette of India, Part III, Section 1, dated 27th March, 1999,
3. Notification No. T-44027/Raipur RO/CGBM/2015, dated 12th April, 2016, published in the Gazette of India, Part-III, Section 1, dated 9th May, 2016 and
4. Notification No. T-43010/CGBM/2014, dated 7th December, 2016 published in the Gazette of India, Part III, Section 1, dated 13th January, 2017,

The revised territorial jurisdiction of the Regional offices under Central Zone and newly created East Zone of IBM is given as under:

Zonal Office	Regional Office	State/UT	Districts
Controller of Mines (Central Zone), Indian Bureau of Mines, 6th Floor, 'D' Block, Indira Bhavan, Civil Lines, Nagpur – 440 001.	Jabalpur Region	Madhya Pradesh	All districts
		Uttar Pradesh	Allahabad, Banda, Chitrakoot, Hamirpur, Jhansi, Kaushambi, Lalitpur, Mahoba, Mirzapur, Sonbhadra.
	Nagpur Region	Maharashtra	All districts except Latur, Kolhapur, Nanded, Pune, Ratnagiri, Sangli, Satara, Sindhudurg , Sholapur & Usmanabad
	Raipur Region	Chhattisgarh	All districts
Controller of Mines (East Zone), Indian Bureau of Mines, CP-13, Sector V, Salt Lake City, Kolkata - 700 091	Bhubaneswar Region	Odisha	All districts
	Guwahati Region	Arunachal Pradesh	All districts
		Assam	All districts
		Manipur	All districts
		Meghalaya	All districts
		Mizoram	All districts
		Nagaland	All districts
		Sikkim	All districts
		Tripura	All districts
	Ranchi region	Bihar	All districts
		Jharkhand	All districts
		West Bengal	All districts

भारतीय खान ब्यूरो के मध्यांचल एवं नव निर्मित पूर्वांचल के अन्तर्गत क्षेत्रीय कार्यालयों के संशोधित प्रादेशिक क्षेत्राधिकार निम्नानुसार हैं :—

आँचलिक कार्यालय	क्षेत्रीय कार्यालय	राज्य / संघशासित राज्य	जिला
खान नियंत्रक (मध्यांचल) भारतीय खान ब्यूरो, छठा तल, ब्लॉक डी इंदिरा भवन, सिविल लाइन्स नागपुर-440 001	जबलपुर क्षेत्र	मध्य प्रदेश	सभी जिले
		उत्तर प्रदेश	इलाहाबाद, बांदा, चित्रकूट, हमीरपुर, झाँसी, कौशम्बी, ललितपुर, महोबा, मिर्जापुर, सोनभद्र.
	नागपुर क्षेत्र	महाराष्ट्र	लातूर, कोल्हापुर, नांदेड़, पुणे, रत्नागिरी, सांगली, सातारा, सिंधुदुर्ग, सोलापुर एवं उस्मानाबाद को छोड़कर अन्य सभी जिले
	रायपुर क्षेत्र	छत्तीसगढ़	सभी जिले
खान नियंत्रकक (पूर्वांचल) भारतीय खान ब्यूरो, सी पी-13, सेक्टर V, साल्ट लेक सिटी, कोलकाता – 700 091	भुवनेश्वर क्षेत्र	ओडिशा	सभी जिले
	गुवाहाटी क्षेत्र	अरूणाचल प्रदेश	सभी जिले
		असम	सभी जिले
		मणिपुर	सभी जिले
		मेघालय	सभी जिले
		मिजोरम	सभी जिले
		नागालैण्ड	सभी जिले
		सिक्किम	सभी जिले
		त्रिपुरा	सभी जिले
	राँची क्षेत्र	बिहार	सभी जिले
		झारखण्ड	सभी जिले
		पश्चिम बंगाल	सभी जिले

भारत के राजपत्र में इस अधिसूचना के प्रकाशन की तिथि से उपरोक्त को प्रभावी माना जाएगा ।

आदेश

आदेश दिया जाता है कि भारतीय खान ब्यूरो के आँचलिक / क्षेत्रीय कार्यालयों के इन प्रादेशिक क्षेत्राधिकारों को सभी के लिए सामान्य सूचना हेतु भारत के राजपत्र, भाग- III अनुच्छेद - 1 में प्रकाशित किए जाएँ ।

रंजन सहाय, महानियंत्रक (प्रभारी)

The above shall come into force with effect from the date of publication of this notification in the Gazette of India.

ORDER

Ordered that these territorial jurisdictions of the Zonal/Regional offices of Indian Bureau of Mines, be published in the Gazette of India, Part III, Section 1, for general information of all.

RANJAN SAHAI, Controller General (In-charge)

Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi-110064
and Published by the Controller of Publications, Delhi-110054.

SARVESH KUMAR SRIVASTAVA Digitally signed by SARVESH KUMAR SRIVASTAVA. Date: 2017.03.04 15:33:54 +05'30'

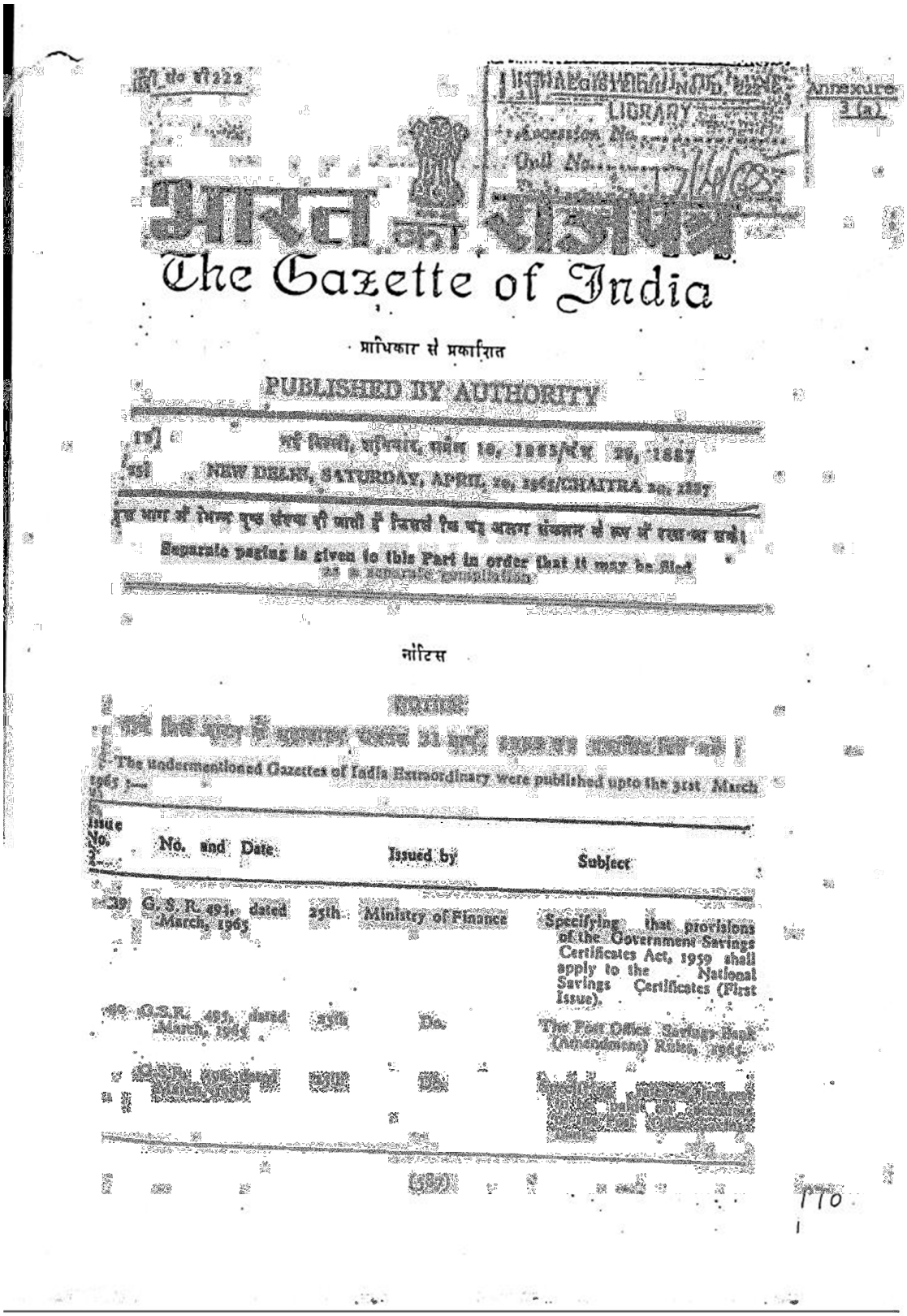
Head office	Regional Office	State/UT	District
Controller of Mines (South Zone), Indian Bureau of Mines 29, Industrial Suburb, II Stage Tumkur Road, Yeshwantpuram, BANGALORE-560022.	(1) Bangalore Region: Regional Controller of Mines, Indian Bureau of Mines, 29, Industrial Suburb, II Stage, Tumkur Road, Yeshwantpuram, BANGALORE-560022.	Karnataka	All districts except Bagalkot, Belgaum, Bijapur, Dharwar, Gadag, Haveri & Uttar Kannada.
		Kerala Lakshadweep	All districts Lakshadweep
	(2) Chennai Region: Regional Controller of Mines, Indian Bureau of Mines, Regal Towers, C-Wing, 2nd Floor, G.S.T. Complex, Guindy, CHENNAI-600032.	Pondicherry Tamil Nadu	All districts All districts
	(3) Goa Region: Regional Controller of Mines, Indian Bureau of Mines, IBM Colony, Near National Highway, Near Arlem Brewaries, P.O. Falorda, MARGAO-403602.	Goa Karnataka	All districts Bagalkot, Belgaum, Bijapur, Dharwar, Gadag.
		Maharashtra	Haveri & Uttar Kannada Kolhapur, Pune, Ratnagiri, Sangli, Satara, Sindhudurg & Belgaum
	(4) Hyderabad Region: Regional Controller of Mines, Indian Bureau of Mines, Kendriya Sadan, 1st floor, Sultan Bazar, Koti, HYDERABAD-500195.	Andhra Pradesh	All districts except Chittoor, Cuddapah & Nellore
		Maharashtra	Latur, Nanded & Usmanabad.
	Nellore Sub-Region: (Under Regional Controller of Mines, Indian Bureau of Mines, Hyderabad) Officer-in-Charge, Indian Bureau of Mines, 19/543, Janda Street, NELLORE-524001.	Andhra Pradesh	Chittoor, Cuddapah & Nellore.

The above shall come into force with effect from 1st April, 1998.

ORDER

Ordered that these territorial jurisdiction of the Controller of Mines and the Regional Controller of Mines be published in the Gazette of India Part-III Section 1 for general information of all the mine owners.

(A.N. BOSE),
Controller General
Indian Bureau of Mines



LIBRARY
Annexure 3(a)

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

[1] नई दिल्ली, शनिवार, चैत्र 10, 1887/मार्च 20, 1965
[सा] NEW DELHI, SATURDAY, APRIL 10, 1965/CHAITRA 20, 1887

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

नोटिस

NOTICE

The undermentioned Gazettes of India Extraordinary were published upto the 31st March 1965 :—

Issue No.	No. and Date	Issued by	Subject
39	G. S. R. 491, dated 25th March, 1965	Ministry of Finance	Specifying that provisions of the Government Savings Certificates Act, 1959 shall apply to the National Savings Certificates (First Issue).
40	G.S.R. 495, dated 25th March, 1965	Do.	The Post Office Savings Bank (Amendment) Rules, 1965.

(389)

MINISTRY OF STEEL AND MINES

(Department of Mines and Metals)

New Delhi, the 29th March 1965

S.O. 850.—In pursuance of sub-section (1) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises, for the purposes specified in the said sub-section, the following officers of the Indian Bureau of Mines to exercise all, or any of, the powers specified in that sub-section:—

(1) Chief Controller of Mines.

(2) Regional Controller of Mines.

(3) Regional Mining Geologist attached to the Mines Control and Conservation of Minerals Division.

(4) Senior Mining Geologist attached to the Mines Control and Conservation of Minerals Division.

(5) Junior Mining Geologist attached to the Mines Control and Conservation of Minerals Division.

[No. 1(12)/65-MII.]

H. S. SAINI, Under Secy.

INDIAN BUREAU OF MINES
Date 24/6/72

Annexure – 3 (b)

REGISTERED No. D. 221

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

[भाग 22]
[No. 22]

नई दिल्ली, शनिवार, मई 27, 1972/ज्येष्ठ 6, 1894
NEW DELHI, SATURDAY, MAY 27, 1972/JYAISTHA 6, 1894

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग II—खण्ड 3—उपखण्ड (i)
PART II—Section 3—Sub-section (i)

(रक्षा मंत्रालय को छोड़ कर) भारत सरकार के मंत्रालयों और (संघ राज्य-क्षेत्रों के प्रशासनों को छोड़ कर) केन्द्रीय प्राधिकारियों द्वारा जारी किये गये विधि के प्रवर्तन करने और जारी किये गये साधारण नियम (जिनमें साधारण प्रकार के आदेश, उप-नियम आदि सम्मिलित हैं)।

General Statutory Rules (including orders, bye-laws etc. of a general character) issued by the Ministries of the Government of India (other than the Ministry of Defence) and by Central Authorities (other than the Administrations of Union Territories).

MINISTRY OF EXTERNAL AFFAIRS

New Delhi, the 4th May 1972

G.S.R. 616.—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules further to amend the Indian Foreign Service (Pay, Leave, Compensatory Allowances and other Conditions of Service) Rules, 1961, namely:—

1. (1) These rules may be called the Indian Foreign Service (Pay, Leave, Compensatory Allowances and other Conditions of Service) Amendment Rules, 1972.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Foreign Service (Pay, Leave, Compensatory Allowances and Other Conditions of Service) Rules, 1961,—

(i) in rule 4,—

(a) for sub-rule (1) and the Note thereunder, the following sub-rule and note shall be substituted, namely:—

"(1) Any post borne on the cadre of the Service shall be in one of the following time-scales or in one of the grades above the time-scales as laid down below:—

1. Junior Scale—Rs. 400-400-500-40-700-EB-30-1000.
2. Senior Scale—Rs. 900 (6th year or under)—50-100-60-1600-50-1800.
3. Grade IV—Rs. 1800-100-2000.
4. Grade III—Rs. 2000-125/2-2250.
5. Grade II—Rs. 2500.
6. Grade I—Rs. 3000.

Note 1.—Grades I and II consist of Heads of Missions, Grade III consists of Heads of Missions and Posts and Ministers and Deputy Heads of Missions, Grade IV consists of Heads of Missions and Posts and Consulars. The posts borne on the senior scale consist of Consul General, Trade Commissioners, Consuls, First Secretaries, Second Secretaries and Assistant Trade Commissioners. The posts borne on the Junior scale consist of Vice Consuls, Second Secretaries, Assistant Commissioners, Third Secretaries and Attaches.

The members of the Service in Grade III and IV, when not appointed as Heads of Missions, may be

MINISTRY OF STEEL AND MINES

(Department of Mines)

New Delhi, the 25th April 1972

G.S.R. 617.—In pursuance of sub-section (1) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises, for the purposes specified in the said sub-section, the Assistant Mining Engineer attached to the Mines Control and Conservation of Minerals Division of the Indian Bureau of Mines, Nagpur, to exercise all or any of the powers specified in that sub-section.

[No. F. 1 (36)/71-MVI.]

इस्पात और खान मंत्रालय

(खान विभाग)

नई दिल्ली, 25 अप्रैल, 1972

सा० का० नि० 617.—खान और खनिज (विनियमन और विकास) अधिनियम, 1957 (1957 का 67) की धारा 24 की उपधारा (1) के अनुसरण में, केन्द्रीय सरकार, जब उपधारा में निर्दिष्ट प्रयोजनों के लिए, नागपुर के खनिज प्रभाग के खनि नियंत्रण और संरक्षण से संबंधित सहायक खनन अभियन्ता को, उस उपधारा में विनिर्दिष्ट समस्त शक्तियों किसी शक्ति का प्रयोग करने के लिए एतद्द्वारा प्राधिकृत करती है।

[सं० फा० 1(36)/71—खान—6]

ANNEXURE – 3 (c)
REGISTERED NO. DL-33004/

भारत का राजपत्र
The Gazette of India

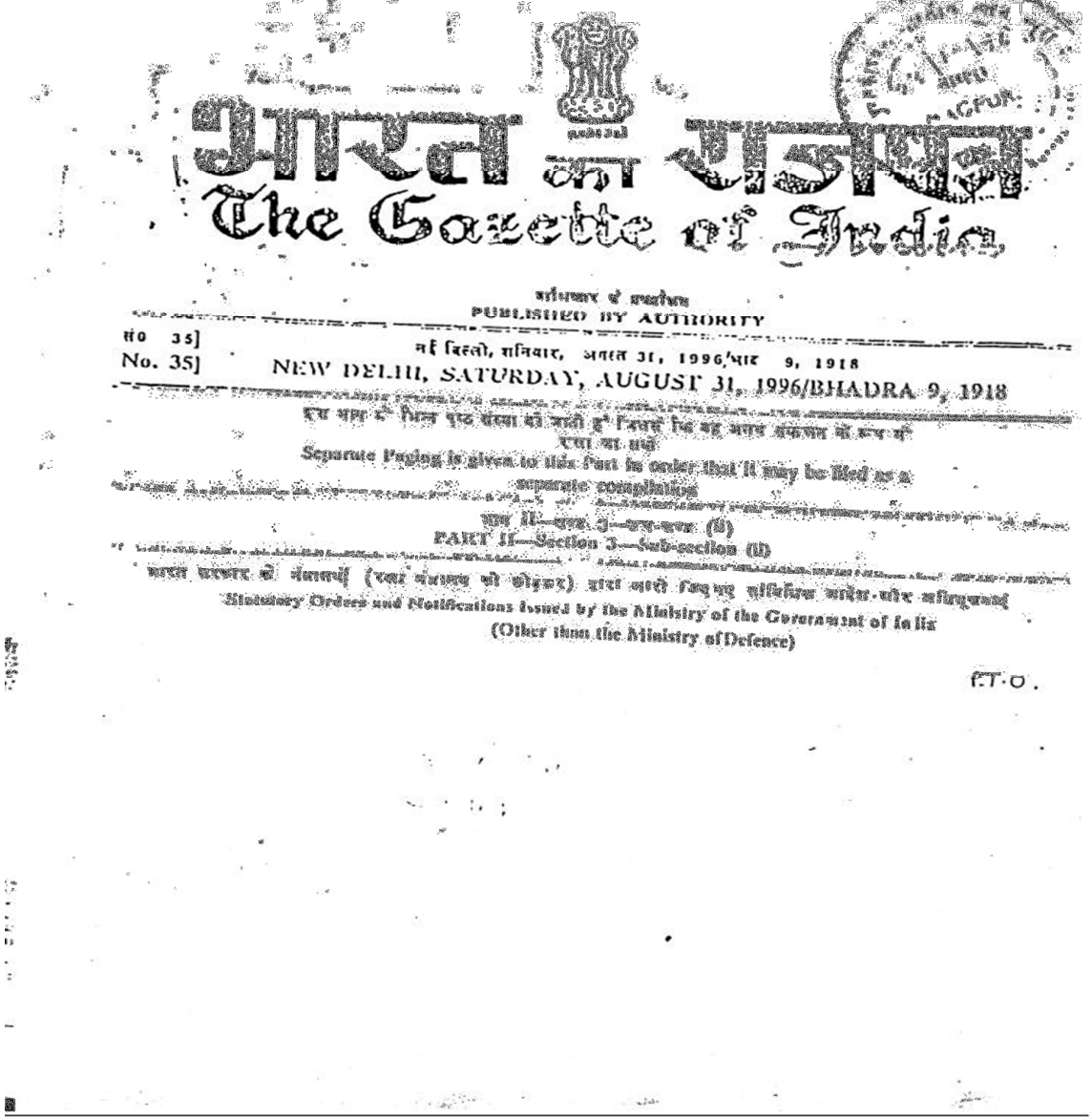
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 21] नई दिल्ली, शनिवार, मई 27, 1995/ज्यैष्ठ 6, 1917
No. 21] NEW DELHI, SATURDAY, MAY 27, 1995/JYAISTHA 6, 1917

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
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PTO

ANNEXURE – 3 (d)



भारत का राजपत्र
The Gazette of India

सत्यमेव जयते

असाधारण
EXTRAORDINARY

PUBLISHED BY AUTHORITY

सं० 35] नई दिल्ली, शनिवार, अगस्त 31, 1996/भाद्र 9, 1918
No. 35] NEW DELHI, SATURDAY, AUGUST 31, 1996/BHADRA 9, 1918

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate Paging is given to this Part in order that it may be filed as a separate compilation

भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)

भारत सरकार के मंत्रालयों (रक्षा मंत्रालय को छोड़कर) द्वारा जारी किए गए सांविधिक आदेश और अधिसूचना
Statutory Orders and Notifications issued by the Ministry of the Government of India
(Other than the Ministry of Defence)

P.T.O.

MINISTRY OF MINES

ORDER

New Delhi, the 30th July, 1996

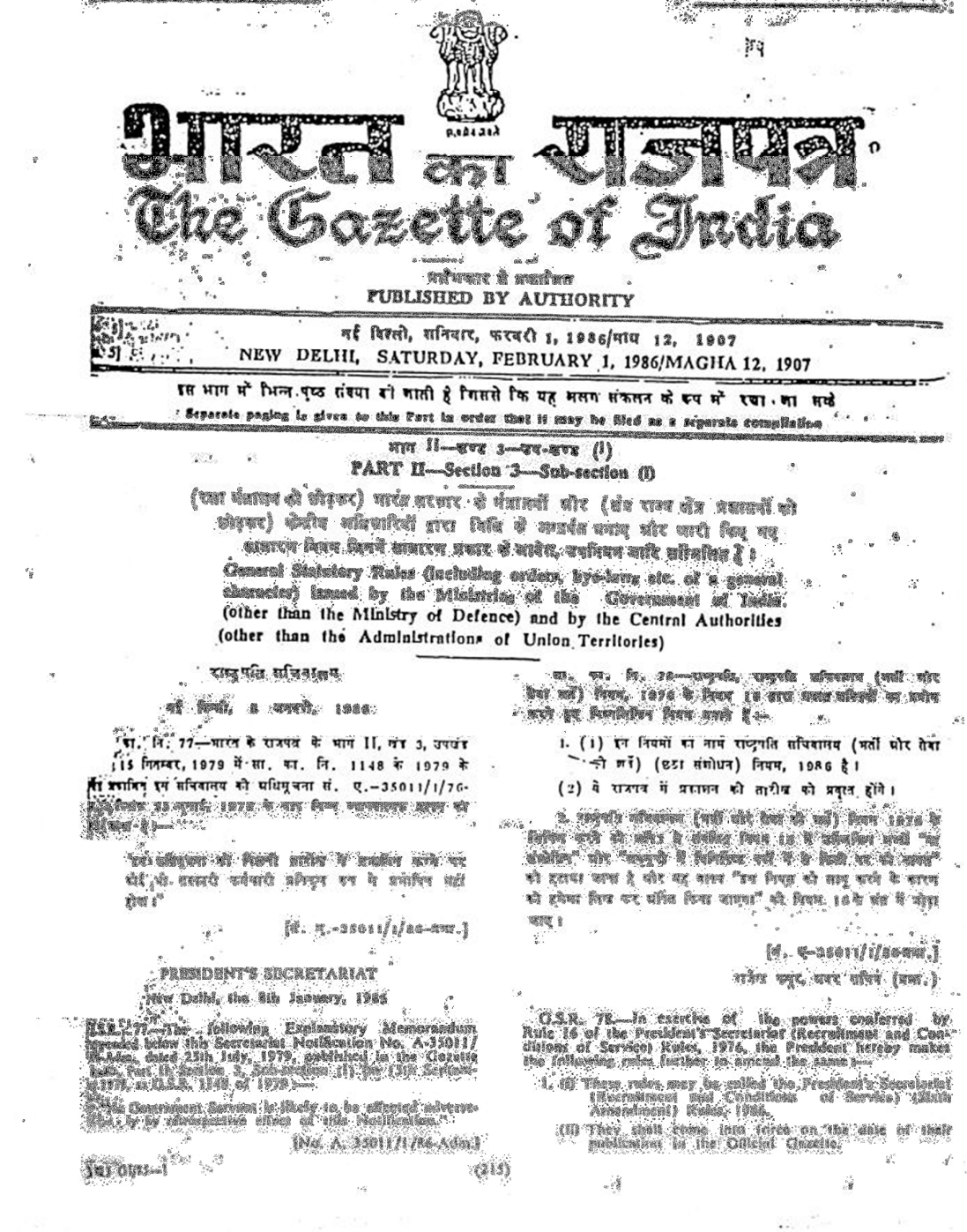
S.O. 2522.—In pursuance of sub-section (i) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises for the purposes specified in the said sub-section, Senior Assistant Controller of Mines of the Indian Bureau of Mines to exercise all or any of the powers specified in that sub-section.

2. The aforesaid authorisation made in favour of Senior Assistant Controller of Mines, Indian Bureau of Mines under section 24 of the said Act is in addition to such authorisation already made in favour of the officers of Indian Bureau of Mines.

[F. No. 1|2|96-MVI.]

ROOP NARAYAN, Under Secy.

Annexure-4 (a)



भारत का राजपत्र
The Gazette of India

असाधारण भाग में प्रकाशित
PUBLISHED BY AUTHORITY

नई दिल्ली, शनिवार, फरवरी 1, 1986/माघ 12, 1907
NEW DELHI, SATURDAY, FEBRUARY 1, 1986/MAGHA 12, 1907

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग II—खण्ड 3—उप-खण्ड (i)
PART II—Section 3—Sub-section (i)

(रक्षा मंत्रालय को छोड़कर) भारत सरकार के मंत्रालयों और (संघ राज्य क्षेत्र प्रशासनों को छोड़कर) केन्द्रीय प्राधिकारियों द्वारा दिये गये साधारण नियम और जारी किए गए साधारण नियम जिनमें साधारण प्रकार के आदेश, उपनियम आदि सम्मिलित हैं।
General Statutory Rules (including orders, by-laws etc. of a general character) issued by the Ministries of the Government of India (other than the Ministry of Defence) and by the Central Authorities (other than the Administrations of Union Territories)

राष्ट्रपति सचिवालय

नई दिल्ली, 8 जनवरी, 1986

सा. नि. 77—भारत के राजपत्र के भाग II, खंड 3, उपखंड (i) दिनांक 15 सितम्बर, 1979 में सा. का. नि. 1148 के 1979 के अंतर्गत इस सचिवालय की अधिसूचना सं. ए.-35011/1/76-स्था. दिनांक 23 जुलाई, 1979 के साथ दिया गया ज्ञापन इस प्रकार है:—

"इस अधिसूचना की तिथी से प्रवर्तन में आने पर सेवा के प्रवर्तन कर्मचारी प्रतिकूल रूप से प्रभावित नहीं होंगे।"

[सं. ए.-35011/1/86-स्था.]

PRESIDENT'S SECRETARIAT

New Delhi, the 8th January, 1986

S.R. 77.—The following Explanatory Memorandum appended below this Secretariat Notification No. A-35011/1/86-Estt., dated 23th July, 1979, published in the Gazette of India, Part II, Section 3, Sub-section (i) dated 15th September, 1979, as G.S.R. 1148 of 1979:—

"This Government Servant is likely to be affected adversely by the retrospective effect of this Notification."

[No. A-35011/1/86-Estt.]

सा. का. नि. 78—राष्ट्रपति, राष्ट्रपति सचिवालय (भर्ती और सेवा की शर्तें) नियम, 1976 के नियम 16 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए निम्नलिखित नियम बनाते हैं:—

1. (1) इन नियमों का नाम राष्ट्रपति सचिवालय (भर्ती और सेवा की शर्तें) (छठा संशोधन) नियम, 1986 है।

(2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. राष्ट्रपति सचिवालय (भर्ती और सेवा की शर्तें) नियम 1976 के नियम 10 के उपनियम (1) में अंतर्विष्ट शब्दों "या अधीक्षक" और "अनुभाग में नियोजित वर्ग ग के किसी पद की अवधि" को हटाया जाता है और यह मानते "इस नियम की लागू करने के कारण को हमेशा लिख कर अंकित किया जाएगा" को नियम 10 के अंत में जोड़ा जाए।

[सं. ए-35011/1/86-स्था.]

राजेश खन्ना, अवर सचिव (स्था.)

G.S.R. 78.—In exercise of the powers conferred by Rule 16 of the President's Secretariat (Recruitment and Conditions of Service) Rules, 1976, the President hereby makes the following rules further to amend the same:—

1. (i) These rules may be called the President's Secretariat (Recruitment and Conditions of Service) (Sixth Amendment) Rules, 1986.

(ii) They shall come into force on the date of their publication in the Official Gazette.

KIND ATTN : MR MISHRA, JOINT DIRECTOR

47. 11024/3/79-AIS. III	5-11-80	1209	22-11-80
48. 11031/7/79-AIS. III	17-11-80	1335	6-12-80
49. 11024/4/82-AIS. III	(6-10-82)	1060	30-10-82
50. 11024/1/83-AIS. III	6-7-83	531	23-7-83
51. 11024/1/83-AIS. III	23-8-83	723	8-10-83
52. 11024/1/83-AIS. III	23-6-84	741	14-7-84
53. 11026/19/84-AIS. III	17-4-84	438	4-5-85
54. 11027/20/81-AIS. III	23-5-85	531	8-6-85
55. 11026/19/83-AIS. III	22-7-85	710	8-8-85

खनन और खान सेवानिवृत्त
(खान विभाग)

नई दिल्ली, 16 जनवरी, 1986

सा. का. नि. 23—खान और खनिज (विनियमन और विकास) अधिनियम, 1957 (1957 का 67) की धारा 23 के अनुसरण में और खान सलाहकार के अनुसूची सेवानिवृत्त और खनन खान और खान मंत्रालय (खान और खान विभाग) की अधिसूचना सं. सा. का. नि. 466 तारीख 20 मार्च, 1971 को अधिक्रमण करते हुए केन्द्रीय सरकार—

(क) महानियंत्रक, भारतीय खान ब्यूरो
(ख) खान नियंत्रक, भारतीय खान ब्यूरो
(ग) मुख्य खनिज अर्थशास्त्री, भारतीय खान ब्यूरो
(घ) खनिज अर्थशास्त्री का मुख्य, भारतीय खान ब्यूरो
(ङ) [illegible], भारतीय खान ब्यूरो
(च) [illegible], भारतीय खान ब्यूरो
(छ) खनिज अर्थशास्त्री, भारतीय खान ब्यूरो
(ज) खनिज अर्थशास्त्री (सांख्यिकी), भारतीय खान ब्यूरो
(झ) उप खान नियंत्रक, भारतीय खान ब्यूरो
(ञ) उप खनिज अर्थशास्त्री (अनुसूचना), भारतीय खान ब्यूरो
(ट) उप खनिज अर्थशास्त्री (सांख्यिकी), भारतीय खान ब्यूरो
(ठ) सहायक खनिज अर्थशास्त्री (अनुसूचना), भारतीय खान ब्यूरो
(ड) सहायक खनिज अर्थशास्त्री (सांख्यिकी) भारतीय खान ब्यूरो
(ढ) सहायक खान नियंत्रक, भारतीय खान ब्यूरो

को उक्त अधिनियम अथवा उसके अधीन बनाए गए नियमों के अधीन दण्डनीय किसी अपराध के विषय में लिखित रूप में शिकायतें करने के लिए प्राधिकृत करती है।

[फा. सं. 8 (2)/82-एम-VI]
बी० दास गुप्ता, निदेशक

MINISTRY OF STEEL AND MINES
(Department of Mines)

New Delhi, the 16th January, 1986

G.S.R. 23.—In pursuance of Section 23 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957) and in supersession of notification of the Government of India in the erstwhile Ministry of Petroleum and Chemicals and Mines and Metals (Department of Mines and Fuel) No. G.S.R. 466 dated the 20th March, 1971, the Central Government hereby authorises,—

(a) The Controller General, Indian Bureau of Mines,
(b) The Controller of Mines, Indian Bureau of Mines,
(c) The Chief Mineral Economist, Indian Bureau of Mines,
(d) The Chief of Mineral Statistics, Indian Bureau of Mines,
(e) The Regional Controller of Mines, Indian Bureau of Mines,
(f) The Superintending Mineral Economist, Indian Bureau of Mines,
(g) The Mineral Economist, Indian Bureau of Mines,
(h) The Mineral Economist (Statistics), Indian Bureau of Mines,
(i) The Deputy Controller of Mines, Indian Bureau of Mines,
(j) The Deputy Mineral Economist (Statistics), Indian Bureau of Mines,
(k) The Deputy Mineral Economist (Statistics), Indian Bureau of Mines,
(l) The Assistant Mineral Economist (Statistics), Indian Bureau of Mines,
(m) The Assistant Mineral Economist (Statistics), Indian Bureau of Mines,
(n) The Assistant Controller of Mines, Indian Bureau of Mines,

to prefer complaints in writing in respect of any offence punishable under the said Act or any rules made thereunder.

[File No. 8(2)/82-M-VI]
B. DASGUPTA, Director

सा.का.नि. 24.—राष्ट्रपति खान परिचारक के अनुच्छेद 309 के परन्तुक द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, भारतीय खान ब्यूरो (संवर्ग और भर्ती) भर्ती नियमावली, 1964 में आगे और संशोधन करने हेतु निम्नलिखित नियम बनाए जाते हैं, यथा :—

1. (1) इन नियमों को भारतीय खान ब्यूरो (संवर्ग एवं भर्ती) (तृतीय संशोधन) नियमावली, 1986 कहा जायेगा।

(2) ये भारतीय राजपत्र में प्रकाशित होने की तारीख से प्रवृत्त होंगे।

ANNEXURE-4 (b)

REGN. NO. D. L.-33004/96

भारत का राजपत्र
The Gazette of India

PUBLISHED BY AUTHORITY

सं० 35] नई दिल्ली, शनिवार, अगस्त 31, 1996/भाद्र 9, 1918

No. 35] NEW DELHI, SATURDAY, AUGUST 31, 1996/BHADRA 9, 1918

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate Paging is given to this Part in order that it may be filed as a separate compilation

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

भारत सरकार के मंत्रालयों (रक्षा मंत्रालय को छोड़कर) द्वारा जारी किए गए सांविधिक आदेश और अधिसूचनाएं

Statutory Orders and Notifications issued by the Ministry of the Government of India

(Other than the Ministry of Defence)

PTO

नई दिल्ली, 30 जुलाई, 1996

का. आ. 2523.—खान और खनिज (विनियमन और विकास) अधिनियम, 1957 (1957 का 67) (जिसे इसमें इसके पश्चात् उक्त अधिनियम कहा गया है) की धारा 22 के अनुसरण में केन्द्रीय सरकार एतद्द्वारा वरिष्ठ सहायक नियंत्रक खान, खान नियंत्रण और संरक्षण, खनिज प्रभाग और खनिज सांख्यिकी प्रभाग के अधिक्षण खनिज अर्थशास्त्री (सांख्यिकी) भारतीय खान ब्यूरो को उक्त अधिनियम या उसके अधीन बनाये गये नियमों के संबंध में शिकायतें; दण्डनीय अपराध के संबंध में लिखित शिकायत दर्ज कराने के लिए प्राधिकृत करती है।

2. उक्त अधिनियम की धारा 22 के अधीन अधिक्षण खनिज अर्थशास्त्री (सांख्यिकी) और वरिष्ठ सहायक नियंत्रक खान को दिया गया उपरोक्त प्राधिकार भारतीय खान ब्यूरो के अधिकारियों के पक्ष में पहले किये गये ऐसे प्राधिकार के अतिरिक्त है।

[फा. सं. 1/2/96-एम. वी.]

रूप नारायण, अवर सचिव

ORDER

New Delhi, the 30th July, 1996

S.O. 2523.—In pursuance of section 22 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957) hereinafter referred to as the said Act) the Central Government hereby authorises the Senior Assistant Controller of Mines, Mines Control and Conservation of Mineral Division and Superintending Mineral Economist (Statistics) of Mineral Statistics Division of Indian Bureau of Mines to prefer complaints in writing in respect of any offence punishable under the said Act or any rules made thereunder.

2. The aforesaid authorisation made in favour of Superintending Mineral Economist (Statistics) and Senior Assistant Controller of Mines under section 22 of the said Act is in addition to such authorisation already made in favour of the officers of Indian Bureau of Mines.

[F. No. 1|2|96-MVI.]

ROOP NARAYAN, Under Secy.

Copy of Section 10 of Environment (Protection) Act'1986.

Powers of entry and inspection.

10(1) Subject to the provisions of this section, any person empowered by the Central Government in this behalf shall have a right to enter, at all reasonable times with such assistance as re reconsiders necessary, and place –

(a) For the purpose of performing any of the functions of the Central Government entrusted to him;

(b) for the purpose of determining whether and if so in what manner, any such functions are to be performed or whether any provisions of this Act or the rules made thereunder or any notice, order,

direction or authorization served, made, given or granted under this act is being or has been complied with;

(c) for the purpose of examining and testing any equipment, industrial plant , record , register, document or any other material object or for conducting a search of any building in which he has reason to believe that an offence under this Act or the rules made thereunder has been or is being or is about to be committed and for seizing any such equipment, industrial plant, record, register, document or other material object if he has reasons to believe that it may furnish evidence of the commission of an offence punishable under this Act or the rules made thereunder or that such seizure is necessary to prevent or mitigate environmental pollution.

(2) Every person carrying on an industry, operation or process or handling any *hazardous* substance shall be bound to render all assistance to the person empowered by the Central Government under sub -section(1) for carrying out the functions under that sub -section and if he fails to do so without any reasonable cause or excuse, he shall be guilty of an offence under this A ct .

(3) If any parson willfully delays or obstructs any person empowered by the Central Government under sub-section (1) the performance of his functions, he shall be guilty of an offence under this Act.

(4) The provisions of the Code of Criminal procedure, 1897; or in relation to t he

State of Jammu & Kashmir, or any area in which that code is not in force, the provisions of any corresponding law in force that State or area shall, so far as may be, apply to any search or seizure under this sect ion as the y apply to an y search or seizure made under section 94 of the said Code or, as the case may be, under the corresponding provision of the said law.

Annexure-IV (b)

Relevant extract of Gazette Notification of the Ministry of Environment and Forest, Department of Environment Forest & Wildlife S.O.No.83 (E) dated 16th Feb 1987.

S.O.No.83 (E) In exercise of the powers conferred under sub -section

(1) of Section 10, the Central Government hereby empowers the person listed in the Table here below for the purpose of that sub-section.

TABLE

Sl. No.	Officer/Agency	Appointed under
13	Controller General of Indian Bureau of Mines.	The Mines & Minerals (Regulation & Development Act 1957.)
14	Chief Controller of Mines .	- d o -
15	Controller of Mines.	- d o -
16	Regional Controller of Mines	- d o -
17	Deputy Controller of Mines	- d o -

Annexure –IV (c)

Copy of Section 11(1) of Environment (Protection) Act, 1986

Power to take sample and procedure to be followed in connection therewith;

11(1) The Central Government of any officer empowered by it in this behalf, shall have power to take, for the purpose of analysis, samples of air, water, soil, or other substance from any factory, premises or other place in such manner as may be prescribed.

Annexure –IV (d)

Relevant extract of Gazette Notification of the Ministry of Environment and Forest, Department of Environment, Forest & Wildlife S.O.No.84 (E) dated 16th Feb 1987.

S.O.No.84 (E) In exercise of the powers conferred under sub -section (1) of Section 11, the Central Government hereby empowers the person listed in the Table here below for the purpose of that sub-section.

TABLE

Sl. No.	Officer/Agency	Appointed under
13	Controller General of Indian Bureau of Mines.	The Mines & Minerals (Regulation & Development Act 1957.)
14	Chief Controller of Mines	- d o -
15	Controller of Mines.	- d o -
16	Regional Controller of Mines	- d o -
17	Deputy Controller of Mines	- d o -

Annexure –V

AUTHORISATION UNDER RULE 5(2) OF MM(R&D) ACT, 1957

THE GAZETTE OF INDIA

EXTRAORDINARY

PART II – Section 3 – Sub-Section (ii)

No.208 NEW DELHI, TUESDAY, APRIL 28, 1987 / VISAKHA 8, 1909

Separate paging is given to this Part in order that it may be filed as a separate compilation

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MINISTRY OF STEEL AND MINES

(Department of Mines)

New Delhi, the 28th April, 1987

O R D E R

S.O. 445 (E) In exercise of the powers conferred by clause (a) of sub-section (1) of section 26 of the Mines and Mineral (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby directs that the powers under Clause (b) of sub-section (2) of section 5 of the said Act, exercised by it, shall also be exercised by the Controller General. Chief Controller of Mines, Controller of Mines and the Regional Controller of Mines of Indian Bureau of Mines.

(F.No.5(1)/87-M.VI)

T.N. SRIVASTAVA,
Jt.Secy

रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग III—खण्ड 1
PART III—Section 1
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 07] नई दिल्ली, बुधवार, मई 31, 2017/ज्येष्ठ 10, 1939
No. 07] NEW DELHI, WEDNESDAY, MAY 31, 2017/JYAISTHA 10, 1939

खान मंत्रालय

अधिसूचना

नागपुर ,11 मई, 2017

सं. डी-43010/सी.जी.बी.एम.2014.—खनिज संरक्षण एवं विकास नियमावली, 2017 के अंतर्गत कार्य-निष्पादन हेतु 'प्राधिकृत अधिकारी' के रूप में भारतीय खान ब्यूरो के अधिकारियों को प्राधिकृत करने के लिए खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 3 (1)(ग) के अंतर्गत मुझे प्रदत्त शक्तियों का उपयोग करते हुए मैं एतद-द्वारा खनिज संरक्षण एवं विकास नियमावली, 2017 एवं उस नियम /उन नियमों से संबंधित मामलों के संबंध में कार्रवाई करने के लिए 'प्राधिकृत अधिकारी' के रूप में भारतीय खान ब्यूरो के अधिकारियों को निम्नानुसार प्राधिकृत करता हूँ।

क्रम सं.	प्राधिकृत अधिकारी	एम.सी.डी.आर., 2017 के अंतर्गत नियम/नियमों हेतु प्राधिकृत
1.	मुख्य खान नियंत्रक	5(1), 5(2), 8(1), 8(2), 19(3), 48(1), 54(घ), 59, 63(2), 64, 65(3), 67, 74
2.	खान नियंत्रक	5(1), 5(2), 8(1), 8(2), 19(3), 30(2), 30(3), 30(4), 54(घ), 59, 67, 74
3.	मुख्य खनन भूविज्ञानी	5(1), 5(2), 6, 7, 8(1), 8(2), 9(1), 9(3), 9(5), 19(3), 47, 48(1), 54(घ), 59, 63(2), 67, 74
4.	मुख्य खनिज अर्थशास्त्री	49, 50, 51,52
5.	क्षेत्रीय खान नियंत्रक	8(1), 8(2), 9(3), 9(5), 19(3), 20(1), 21(1), 21(2), 21(3), 21(4), 27(2), 27(3), 27(4), 27(5), 27(6), 28(1), 28(2), 29, 30(2), 30(3), 33, 35(3), 46(ग), 47, 49, 50, 54(घ), 59, , 67, 74

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6.	अधीक्षण खनन भूविज्ञानी	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
7.	उप-खान नियंत्रक (क्षेत्रीय कार्यालय के प्रभारी)	4, 5(1), 5(2), 6, 7, 8(1), 8(2), 9(1), 9(3), 9(5), 19(3), 20(1), 21(1), 21(2), 21(3) , 21(4), 27(2), 27(3), 27(4), 27(5), 27(6), 28(1), 28(2), 29, 30(2), 30(3), 33, 35(2), 35(3), 35(4), 45(5), 46(ग), 47, 49, 50, 51, 52, 54(घ), 59, 67
8.	उप खान नियंत्रक	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
9.	क्षेत्रीय खनन भूविज्ञानी	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
10.	वरिष्ठ सहायक खान नियंत्रक	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
11.	वरिष्ठ खनन भूविज्ञानी	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
12.	सहायक खान नियंत्रक	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
13.	कनिष्ठ खनन भूविज्ञानी	8(1), 8(2), 19(3), 35(3), 54(घ), 59, 74
14.	सहायक खनन अभियंता	8(1), 8(2), 19(3), 54(घ), 59, 74
15.	सहायक खनन भूविज्ञानी	8(1), 8(2), 19(3), 54(घ), 59, 74

यह आदेश तत्काल प्रभाव से लागू होगा।

रंजन सहाय, महानियंत्रक, भारतीय खान ब्यूरो

MINISTRY OF MINES

NOTIFICATION

Nagpur, the 11th May, 2017

No. T-43010/CGBM/2014.—By virtue of powers vested in me under Rule 3(1)(c) of Mineral Conservation and Development Rules, 2017 to authorize officers of Indian Bureau of Mines as "Authorized Officer" to perform functions under Mineral Conservation and Development Rules, 2017, I hereby authorize the officers of Indian Bureau of Mines as "Authorized Officer" to take action in respect of Mineral Conservation and Development Rules, 2017 and the matters relating to rule/rules as mentioned below :—

Sl. No.	Authorised officer	Authorised for Rule(s) under MCDR, 2017
1	Chief Controller of Mines	5(1), 5(2), 8(1), 8(2), 19(3), 48(1), 54(d), 59, 63(2), 64, 65(3), 67, 74
2	Controller of Mines	5(1), 5(2), 8(1), 8(2), 19(3), 30(2), 30(3), 30(4), 54(d), 59, 67, 74
3	Chief Mining Geologist	5(1), 5(2), 6, 7, 8(1), 8(2), 9(1), 9(3), 9(5), 19(3), 47, 48(1), 54(d), 59, 63(2), 67, 74
4	Chief Mineral Economist	49, 50, 51,52
5	Regional Controller of Mines	8(1), 8(2), 9(3), 9(5), 19(3), 20(1), 21(1), 21(2), 21(3), 21(4), 27(2), 27(3), 27(4), 27(5), 27(6), 28(1), 28(2), 29, 30(2), 30(3), 33, 35(3), 46(c), 47, 49, 50, 54(d), 59, , 67, 74
6	Superintending Mining Geologist	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
7	Deputy Controller of Mines (Incharge of Regional Office).	4, 5(1), 5(2), 6, 7, 8(1), 8(2), 9(1), 9(3), 9(5), 19(3), 20(1), 21(1), 21(2), 21(3) , 21(4), 27(2), 27(3), 27(4), 27(5), 27(6), 28(1), 28(2), 29, 30(2), 30(3), 33, 35(2), 35(3), 35(4), 45(5), 46(c), 47, 49, 50, 51, 52, 54(d), 59, 67
8	Deputy Controller of Mines	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74

9	Regional Mining Geologist	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
10	Senior Assistant Controller of Mines	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
11	Senior Mining Geologist	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
12	Assistant Controller of Mines	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
13	Junior Mining Geologist	8(1), 8(2), 19(3), 35(3), 54(d), 59, 74
14	Assistant Mining Engineer	8(1), 8(2), 19(3), 54(d), 59, 74
15	Assistant Mining Geologist	8(1), 8(2), 19(3), 54(d), 59, 74

This order shall come into force with immediate effect.

RANJAN SAHAI, Controller General, Indian Bureau of Mines

अधिसूचना

नागपुर ,11 मई, 2017

सं. टी-43010/सी.जी.बी.एम/2014.—खनिज संरक्षण एवं विकास नियमावली, 2017 के अंतर्गत कार्य-निष्पादन हेतु 'सक्षम प्राधिकारी' के रूप में भारतीय खान ब्यूरो के अधिकारियों को प्राधिकृत करने के लिए खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 10(1) के अंतर्गत मुझे प्रदत्त शक्तियों का उपयोग करते हुए मैं एतद-द्वारा खनिज संरक्षण एवं विकास नियमावली, 2017 एवं उस नियम/उन नियमों से संबंधित मामलों के संबंध में कार्रवाई करने के लिए 'सक्षम प्राधिकारी' के रूप में भारतीय खान ब्यूरो के अधिकारियों को निम्नानुसार प्राधिकृत करता हूँ।

क्रम सं.	**सक्षम प्राधिकारी**	**एम.सी.डी.आर., 2017के अंतर्गत नियम/नियमें**
1.	मुख्य खान नियंत्रक	10(1), 10(2), 32(2), 32(6), 32(7)
2.	खान नियंत्रक	10(1) , 10(2), 26(2), 30(1), 32(1)(घ), 32(7)
3.	मुख्य खनन भूविज्ञानी	10(1), 10(2), 32(7)
4.	क्षेत्रीय खान नियंत्रक	10(1) , 10(2), 11(2), 11(4), 21(4), 23, 24(1), 24(2), 25(1), 25(2), 26(1), 26(2), 31, 32(7)
5.	उप-खान नियंत्रक (क्षेत्रीय कार्यालय के प्रभारी)	10(1) , 10(2), 11(2), 11(4), 21(4), 23, 24(1), 24(2), 25(1), 25(2), 26(1), 26(2), 31, 32(7)

यह आदेश तत्काल प्रभाव से लागू होगा।

रंजन सहाय, महानियंत्रक, भारतीय खान ब्यूरो

NOTIFICATION

Nagpur, the 11th May, 2017

No. T-43010/CGBM/2014.—By virtue of powers vested in me under Rule 10(1) of Mineral Conservation and Development Rules, 2017 to authorize officers of Indian Bureau of Mines as "Competent Authority" to perform functions under Mineral Conservation and Development Rules, 2017, I hereby authorize the following officers of Indian Bureau of Mines as "Competent Authority" to take action in respect of Mineral Conservation and Development Rules, 2017 and the matters relating to rule/rules as mentioned below:—

Sl. No.	Competent Authority	Rule(s) under MCDR, 2017
1	Chief Controller of Mines	10(1), 10(2), 32(2), 32(6), 32(7)
2	Controller of Mines	10(1) , 10(2), 26(2), 30(1), 32(1)(d), 32(7)
3	Chief Mining Geologist	10(1), 10(2), 32(7)
4	Regional Controller of Mines	10(1) , 10(2), 11(2), 11(4), 21(4), 23, 24(1), 24(2), 25(1), 25(2), 26(1), 26(2), 31, 32(7)
5	Deputy controller of Mines (Incharge of Regional Office).	10(1) , 10(2), 11(2), 11(4), 21(4), 23, 24(1), 24(2), 25(1), 25(2), 26(1), 26(2), 31, 32(7)

This order shall come into force with immediate effect.

RANJAN SAHAI, Controller General, Indian Bureau of Mines

RAKESH SUKUL Digitally signed by RAKESH SUKUL Date: 2017.06.01 22:49:32 +05'30'

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Annexure-VI

Notice of inspection

Registered/Speed Post/Email/Fax

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No. Dated:

To:

Name of Owner/Nominated owner/Agent of Mine with designation Name of Lessee (Company, firm, association of individual) Address for communication

Sub. :	Inspection of your (Name of Mine/lease/Area) over (Area in ha) having mine code (if applicable) in (Name of village) in (Name of Taluka) in (Name of district) of (Name of state).

Sir,

By virtue of the powers conferred on me by Section 24(1) of the Mines & Minerals (Regulation and Development) Amendment Act, 2015, I propose to inspect your above said mine/ Area on dated…….. It is, therefore, requested to remain present on dated at your mine office during inspection.

02. The following records / documents should be made available at the mine office for examination during inspection (May be given as per the status of the area-fresh grant or existing lease).

1. Lease deed in original along with lease plan (Not applicable for fresh grant).
2. Copy of latest Approved mining plan / mining scheme.
3. All updated plan and sections as per rule 32 of MCDR 2017.
4. Annual Report on self-appraisal of mining plan.
5. Annual Report on Progressive Mine Closure Plan.
6. Latest updated Mine Working Plan (Not applicable for fresh grant).
7. Account books, payment registers and cost details for checking cost of production.
8. All production, dispatch and labor attendance registers.
9. Details of sales documents to know grade-wise sale value of mineral.
10. Records of prospecting and exploratory work carried out and chemical analysis reports.
11. Full particulars of machineries deployed and their Logbooks.
12. Copies of notices and returns submitted to the RCOM, IBM, (Name of Region).
13. Periodical monitoring data of environmental parameters.
14. Supporting documents in respect of online filled Star Rating Template.
15. Supporting documents in respect of final closure.

03. Please ensure the presence of mining engineer & geologist appointed under Rule 55 of MCDR'2017 at the time of inspection.

Yours faithfully

(Name of inspecting officer) Designation

Copy to DMG for information and necessary action.

Annexure-VII

Format for Briefing and De-briefing Report to be submitted by the Inspecting Officers

Sl. No.	Particulars	Remarks	
		Briefing	De-briefing
1	Purpose / Requirement of Inspection based on Criteria for Selection of Mines		
2	MCDR Compliance		
3	Mining Plan Status		
4	FA Status		
5	Status of Star Rating of Mine		
6	Geology or Reserves Related Issues, if any		
7	Mining Related Issues, if any		
8	PMCP/FMCP Related Issues, if any		
9	Environment, Health Hazard, Public infrastructure and safety etc. Related Issues, if any		
10	Lease Area Shape or Size etc. Related Issues, if any		
11	Illegal Mining Related Issues, if any		
12	Issues pertaining to MSS triggers generated for unauthorized Mining Activity in the vicinity of the lease area, if any		
13	Any issues related to Court, Vigilance or other agencies		
14	Ministry / VIP Reference		
15	Any other issue or Spot Guidance provided		

(Name of the Inspecting Officer)
Designation

Annexure-VIII

Annual Report for PMCP in terms of Rule 26(2) of MCDR'2017

.....REGIONAL OFFICE

INDIAN BUREAU OF MINES

STATUS OF AFFORESTATION DURING THE YEAR

Mine Details	
Name of Mine	
Owner	
Mineral	
District	
State	
Lease Area (Hect)	
Total Lease Area	
Forest Land	
Revenue Land	
Other	

Afforestation During current year

WITHIN MINING LEASE					OUTSIDE MINING LEASE				
Mines coverd	Area covered (Hect.)	Number of Trees Planted	Number of Trees Survived	Survival %	Mines coverd	Area covered (Hect.)	Number of Trees Planted	Number of Trees Survived	Survival %
1	2	3	4	5	6	7	8	9	10

Cumulative Afforestation upto

WITHIN MINING LEASE					OUTSIDE MINING LEASE				
Mines coverd	Area covered (Hect.)	Number of Trees Planted	Number of Trees Survived	Survival %	Mines coverd	Area covered (Hect.)	Number of Trees Planted	Number of Trees Survived	Survival %
11	12	13	14	15	16	17	18	19	20

Date:

(Signature of the Lessee/Nominated Owner)
Name of the Lessee/ Nominated Owner

Information on environmental protective measures undertaken during the year		
Name of Mine		No. of abandoned Mine (if any)-
Lease Area (Ha)		Name of the abandoned mine (with area)-
Owner		Total area reclaimed in abandoned mine (in ha)-
District		
State		
ITEM	**DETAILS**	**AREA (ha)**
A) Reclamation and Rehabilitation of mined out area	i) Backfilling (Tonnes)	
	ii) Afforestation on the backfilled area	
	iii) Others (please specify) i.e. afforestation on exhausted benches (Numbers)	
	iv) Pisciculture	
	v) Converting in water reservoir	
	vi) Picnic spot	
B) Stabilization & Rehabilitation of dumps with lease	i) Terracing	
	ii) Pitching	

	iii) Construction of parapet walls/ retaining wall at toe of dumps	
	iv) Construction of check dams along slope valleys etc.	
	v) Construction of settling ponds (garland drain) etc.	
	vi) De-silting of settling ponds, channels	
	vii) Afforestation on dumps	
	viii) Others (Please specify)	
C) Rehabilitation of barren area within lease	i) Afforestation (green belt building)	
	ii) Others (specify)	
D) Environmental monitoring (core zone and buffer zone separately)	i) Ambient air quality	
	ii) Water quality	
	iii) Noise level survey	
	iv) Ground vibration	
	v) Others (Please specify)	
E) Cost incurred on watch and Care during the Year		
	Total	

Note: Information in all the columns must be given as per unit mentioned. No column shall be left blank. Additional information, if any, may be provided as a foot note here.

Date: (Signature of the Lessee/Nominated Owner)
Name of the Lessee/ Nominated Owner

Annexure-IX

Format for Control Chart for MCDR/ MP inspections & follow up action

Sr. No.	File No	District	Mine Code	Mine name	Owner	Category	Inspecting Officer	Designation	Date of Inspection	Type of Inspection	Date of draft report submission	Date of approval
1	2	3	4	5	6	7	8	9	10	11	12	13

Date of forwarding to higher authority & State Govt.	Violation Letter date	Violation of Rules issued	Violation No. as per TMIS/ MTS	Compliance Date after Violation letter	Show cause notice date	Compliance Date After Show Cause	Date of Suspension of Mining Operations	Rule under which suspension order issued	Compliance after Suspension	Date of Revocation of suspension order
14	15	16	17	18	19	20	21	22	23	24

Date of Court Case filed and its Details	Date of compounding with compounding amount	Decision of the court with details	Date of uploading V/L or SC notice on IBM Website	Remarks
25	26	27	28	

Annexure-X

Brief Report on Implementation of FMCP Proposals

Name of the Mine:
Area:
Owner:
Mine code/Lease code:
Date of grant of lease:
Date of final closure/lease expiry:

SN	Item	Comments
1	Brief comments of inspecting officer on Reclamation and Rehabilitation of Mined out Land/ benches (backfilling/water reservoir/Pisciculture etc. comparing actual achievement against the proposals)	
2	Brief comments of inspecting officer on Reclamation of Virgin/ undisturbed land within lease area	
3	Brief comments of inspecting officer on Waste/OB dump management	
4	Brief comments of inspecting officer on Top Soil management	
5	Brief comments of inspecting officer on Mineral rejects, Fines/ tailings management	
6	Brief comments of inspecting officer on Water Quality management	
7	Brief comments of inspecting officer on tailings dam management	
8	Brief comments of inspecting officer on security and safety	
9	Brief comments of inspecting officer on Decommissioning of Infrastructure and Machinery	
10	Whether any lag was observed during the inspection which may impact the final closure	
11	Any Violation observed	
12	Recommendations to the RCOM/ DCOM (I/C) for any shortfall observed during the inspection; required to be communicated forthwith to the lessee for making up the implementation shortfall within the next three months or forfeiture of FA in case of last inspection	

(Name of inspecting officer with designation and date)

Annexure-XI

MCDR INSPECTION REPORT FOR INSPECTIONS CARRIED OUT FOR FMCP/ MODIFICATIONS IN THE APPROVED FMCP/ IMPLEMENTATION OF FMCP PROPOSALS

General

S. N.	Particulars	Details
1	Name of the Mine	
2	Name and Designation of the Inspecting Officer	
3	Name and Designation of the Accompanying Official	
4	Date of Inspection	
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area (ha) (i) Forest Land (ha) (ii) Private Land (ha) (iii) Revenue land (ha) (iv) Others, if any(Specify)
6	Minecode / ***Leasecode***	
7	IBM Registration Number under rule 45 of MCDR, 1988	
8	Name of the lessee, Address, phone, email and fax number	
9	Village	
10	Taluka/Mandal	
11	District	
12	Pin code	
13	State	
14	Post office	
15	Nearest police station	
16	Nearest Railway station	
17	Date of Grant of Mining Lease	
18	Date of Execution	
19	Date of opening of Mine	
20	Date of Lease Expiry in terms of section 8A of MMDR Amendment Act'2015 or Date of proposed final closure	
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
25	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
26	Date of Approval of Mining Plan/RMP/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	
27	Date of Approval of FMCP/Modified FMCP with two years closure period/balance period for modified FMCP and specific condition in approval letter, if any.	

28	Mineral(s) granted in lease deed	
29	Method of Mining(Opencast, Underground, Dump Mining)	***Drop Down Menu***
30	Category (Fully Mechanized, Others or Manual)	
31	Captive/Non Captive	

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Exploration for the year 20xx			Only for leases expiring in terms of Section 8A(6) of MMDR Amendment Act'2015
	(i) Boreholes: No.- Meterage-			
	(ii) Pits:			
	(iii) Trenches:			
	(iv) Any Other (specify):			
1b	Exploration Agency & Expenditure in lakh Rupees during the year			-do-
1c	Lateral exploration status for the lease area as on DD/MM/YYYY (1^{st} day of the month of the inspection) (area in ha)	G1	G1	
		G2	G2	
		G3	G3	
		G4	G4	
		Unexplored Area:	Unexplored Area:	
		Non-Mineralized Area:	Non-Mineralized Area:	
1d	Vertical exploration status for the lease area (depth from surface in meter alongwith lowest mRL)	G1:	G1:	
		G2:	G2:	
1e	Future exploration Proposals (in terms of Rule 12(4) of MCDR'2017) for the balance lease period, if any			Only for leases expiring in terms of Section 8A(6) of MMDR Amendment Act'2015
	(i) Boreholes: No.- Meterage-			
	(ii) Pits:			
	(iii) Trenches:			
	(iv) Any Other (specify):			

1f	Average Grade of the Mineral(s)	As reported in the last approved plan	Actual as per Annual Return for the year	-do-
1g	UNFC category wise Balance Resources/ Reserves as on DD/MM/YYYY (1st day of the month of the inspection) (Shall be computed with the help of MP/ FMCP/ AR/ MR submitted)	111- 121- 122- 211- 221- 222- 331- 332- 333- 334- Total		
1h	General remarks of inspecting officer on:- (i) Geology, exploration, exploration status (both vertical and lateral) etc. prior to final closure for leases where FMCP approved for exhaustion of mineral reserves	Based on the case (FMCP for the leases where mineral is exhausted or FMCP for the cases where lease is expiring with balance mineral reserves due to statutory obligations under MMDR Amendment Act'2015), either of these two columns needs to be filled.		
	(ii) Geology, exploration, exploration status (both vertical and lateral) prior to final closure and adequacy of future exploration proposals, method of estimation of resources etc. for leases expiring in terms of Section 8A(6) of MMDR Amendment Act'2015			

Development ***(Opencast) (If selected Opencast in the Drop Down Menu above)***

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area			
2b	Additional area required for pit development during the year, if any			
2c	Status of Mineralized Area			
	(i) Under Pits/ Excavations			
	(ii) Under any other Mining or Allied Activity (specify)			
	(iii) Undisturbed Area			
2d	Status of Unexplored Area			
	(i) Under Pits/ Excavations			
	(ii) Under any other Mining or Allied Activity (specify)			
	(iii) Undisturbed Area			
2e	Number and size of Pits under Development	….Pits Pit-1- …….Ha Pit-n- …….Ha		
2f	Number of Benches			
	➢ Top Soil:			

	➢ Overburden:			
	➢ Ore:			
	➢ Waste:			
2g	Bench Height			
	➢ Top Soil:			
	➢ Overburden:			
	➢ Ore:			
	➢ Waste:			
2h	Depth of the deepest working from surface			
2i	Separate benches in topsoil, overburden and mineral (Rule 13)			
2j	Stripping ratio or ore to OB ratio			
2k	Quantity of topsoil generation in m3			
2l	Quantity of overburden/waste generation in m3			
2 m	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

Development ***(Underground) (If selected Underground in the Drop Down Menu above)***

SN	Item	Proposals	Actual work	Remarks
2a	Mode of Entry	Shaft/ Adit/Incline/Decline		
2b	Number of Openings and their Usage			
2c	Method of Working			
2d	Vertical Development (in Meter)			
	(i) Shaft			
	(ii) Incline/Decline/Ramp			
	(iii) Raises/ Winzes			
2e	Horizontal Development (in Meter)			
	(i) Adit			
	(ii) Haulage			
	(iii) Cross-Cut			
	(iv) Ore-Drive/Levels			
2f	Number of stopes under development during the year			
2g	Number of Levels			
2h	Level Interval (in Meter)			
2i	Depth of the deepest working from surface (in Meter)			
2j	Quantum of Ore Generated while Development during the year (in T)			
2k	Ore Recovery in the development			
2l	Quantity of topsoil generation in m3			

2 m	Quantity of waste generation in m3			
2n	General remarks of inspecting officer on development w.r.t. type of deposit etc.			

Exploitation ***(Opencast) (If selected Opencast in the Drop Down Menu above)***

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production and size if each pit (in Ha)	….Pits Pit-1- …….Ha Pit-n- …….Ha		
3b	Quantity of ROM mineral production (in T)			
3c	Recovery of salable/usable mineral from ROM production			
3d	Quantity of mineral reject generation (in T)			
3e	Grade of mineral reject generation			
3f	Manual / Mechanized method adopted for segregating mineral reject from ROM			
3g	Any analysis or beneficiation study proposed & carried out for mineral and reject			
3h	Provision of drilling & blasting in mineral benches			
3i	Provision of mining machineries in mineral benches			
3j	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP			
3k	Production of ROM mineral during last five-year period, as applicable			
3l	General remarks of inspecting officer on method of mining etc.			

Exploitation (Underground) ***(If selected Underground in the Drop Down Menu above)***

SN	Item	Proposals	Actual work	Remarks
3a	Number of levels for production			
3b	Number of stopes for production			
3c	Quantity of ROM mineral production from stopes			
3d	Recovery of salable/usable mineral from ROM production			
3e	Total Production (Development + stopes)			
3f	Overall recovery			
3g	Quantity of mineral reject generation			
3h	Grade of mineral reject generation			

SN	Item	Proposals	Actual work	Remarks
	and threshold value declared			
3i	Manual / Mechanized method adopted for segregating mineral reject from ROM			
3j	Any analysis or beneficiation study proposed & carried out for mineral reject			
3k	Provision of drilling & blasting			
3l	Provision of mining machineries underground			
3m	Production of ROM mineral during last five-year period, as applicable			
3n	General remarks of inspecting officer on method of mining, recovery etc.			

Exploitation (Dump Working) ***(If selected Dump Working in the Drop Down Menu above)***

SN	Item	Proposals	Actual work	Remarks
3a	Number of dumps proposed for production			
3b	Quantity of material handling			
3c	Recovery of salable/usable mineral from dump production			
3d	Production from dump(s) during the year			
3e	Quantity of mineral reject generation			
3f	Grade of mineral reject generation and threshold value declared			
3g	Any analysis or beneficiation study proposed & carried out for mineral reject			
3h	Manual / Mechanized method adopted for dump working			
3i	Provision of mining machineries in dump working			
3j	Production of mineral during last five-year period, as applicable			
3k	General remarks of inspecting officer on Dump Mining			

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)			
4b	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines			
4c	Details of dumps within lease area			

	➢ Top Soil	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Overburden/ Waste	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Mineral Rejects	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Fines	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Tailings	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
4d	Location of dumps in terms of Rule 14 (Separate stacking for non-saleable minerals, Location w.r.t. Ultimate Pit Limit, separate stacks should not be allowed to mix with Overburden or Waste and the area selected to be proved for no underlying deposits)							
4e	For Underground, Percentage of Waste brought to the surface							
4f	Number of active & alive dumps							
4g	Number of dead dumps							
4h	Number of dumps stabilized							
4i	Stabilization Technique (Terracing, plantation, geo-textiles etc.)							
4j	Whether Retaining wall or garland drain all along dumps are there							
4k	Length of Retaining wall or garland drain all along dump							
4l	Number of settling ponds							
4 m	Specific comments of inspecting officer on the management of Non-saleable Minerals, protective and rehabilitative measures etc.							

Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling			
5b	Area under backfilling of mined out area			
5c	Details of Mineral rejects Backfilled			

	➢ Area (ha)			
	➢ Height (m)			
	➢ Quantity (cum)			
	➢ Grade:			
	➢ Location (dd mm ss)			
5d	For Underground, Percentage of Waste backfilled underground itself			
5e	For Underground, number of exploited stopes under filling/stowing			
5f	For Underground, number of exploited stopes abandoned after filling			
5g	Total area fully reclaimed & rehabilitated			
5h	General remarks of inspecting officer on backfilling, reclamation etc			

Final Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Total area put in use under different heads at the end of year			
6b	Stabilization/ Rehabilitation of Waste/ OB Dump			
	i) Percentage of Stabilized/ rehabilitated Area out of total Area required to be Stabilized/ rehabilitated			
	ii) Method of Stabilization/rehabilitation			
	iii) Afforestation done (ha)			
	iv) No. of saplings planted during the year			
	v) Cumulative no. of plants			
	vi) Survival Rate			
6c	Stabilization/ Rehabilitation of exploited and exhausted/mined out area			
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)			
	iii) No. of saplings planted during the year			
	iv) Cumulative no. of plants			
	v) Survival Rate			
	vi) Any other specific method of rehabilitation			
6d	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L			

SN	Item	Proposals	Actual work	Remarks
	X B X D)			
	ii) Void filled by waste/ OB (Area X H)			
	iii) Void filled by mineral rejects/tailings (Area X H)			
	iv) Afforestation on the backfilled area			
	➢ Number of Saplings Planted During The Year			
	➢ Cumulative			
	➢ Survival			
	v) Rehabilitation by making water reservoir / Pisciculture (Area Ha)			
	vi) Capacity of Water Reservoir (cuM)			
	vii) Any other specific means			
6e	Compliance of Rehabilitation of waste land/ Non-Mineralized land/ Barren Land/ Non-Mining Zone of 7.5 m within lease :			
	i) Afforestation			
	➢ Number of Saplings Planted During The Year			
	➢ Cumulative			
	➢ Survival			
	ii) Any other method of rehabilitation such as creation of picnic spots etc.			
	iii) Area rehabilitated (ha)			
6f	Securing of the mineralized area, excavations, underground openings, mineral reject stacks, fines stacks, tailings stacks etc.:			
	(i) Technique used for securing of the area			
	(ii) Total Area Secured			
6g	Decommissioning of Infrastructure and Machineries:			
	(i) Permanent Infrastructure facilities available in the lease area such as Belt Conveyors, ropeways, end use or beneficiation plant, water treatment plant etc.			
	(ii) Identified structures essential from socio-environmental and public safety aspects			
	(iii)Infrastructural facilities proposed to be retained after expiry of lease			
	(iv) Infrastructural facilities proposed			

SN	Item	Proposals	Actual work	Remarks
	to be decommissioned before expiry of lease			
	(v)Decommissioning Cost			
6h	Economic Repercussions of Closure of Mine and Manpower Retrenchment:			
	(i) Average Daily Employment as per last Annual Return submitted			
	(ii) Number of Local residents employed in the mine			
	(iii) Status of the continuation of family occupation and scope of joining the occupation back			
	(iv) Satellite occupations provided, if any			
	(v) Continued engagement of employees in the rehabilitated status of mining lease area			
6i	Total Mine Abandonment Cost			
6j	General remarks of inspecting officer on FMCP compliance and Socio-economic repercussions of closure of mine			

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	Cut-off for the mineral(s) for the year in the lease area			
7b	ROM Mineral dispatch or grade-wise sorting within lease area			
7c	Method of grade-wise or size-wise mineral sorting i.e. manual or mechanical			
7d	Different grade of mineral sorted out at mines	As reported in the Approved MP	As reported in the Annual Return	
7e	Any beneficiation process at mines within lease area			
7f	For Underground, compliance of Rule 16 (Sub-grade mineral is below cut-off value for the lease)			
	➢ Sub-grade generation			
	➢ Sub-grade brought to the surface			
7g	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)			
7h	Overall recovery from ROM considering salable ore recovery and utilization of Mineral rejects/Sub-grade			

7i	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Sustainable Mining

SN	Item	Proposals	Actual work	Remarks
8a	Star Rating of Mines in the Preceding Year, if any			
8b	Separate removal of topsoil (Rule 36)			
8c	Concurrent use or storage of topsoil			
8d	Stabilization of Top Soil Stacks before expiry of lease			
8e	Precautions against Air Pollution (Rule 40)			
8f	Water Quality Management:			
	(i) Whether any mine water discharge is allowed without treatment			
	(ii) Number of Check Dams			
	(iii) Number of Setting Tanks			
	(iv) Number of Rainwater harvesting pits			
	(v) Percentage of water recycled			
	(vi) Whether Check Dams, Settling tanks, Rainwater Harvesting pits etc. secured prior to lease expiry or not			
8g	Tailings and Tailing Dam Management			
	(i) Whether any damage to ground water quality observed due to tailings stack			
	(ii) Whether any seepage observed from tailings dam			
	(iii) Comments on stabilization of tailings stacks and tailings dam			
8h	Environmental Monitoring			
	(i) Air			
	(ii) Water			
	(iii) Noise			
	(iv) Ground Vibration			
8i	Surface Subsidence (for underground mines) (Rule 39)			
8j	Hazardous Waste or Toxic Liquid discharge, if any, in terms of Rule 41			
8k	Mitigative measures for Hazardous Waste or Toxic Liquid discharge, if any			
8l	Any major damage to flora (with reference to baseline information on environment) in terms of Rule 44			
8m	Any exemplary observation towards sustainable mining			

8n	General remarks of inspecting officer on Sustainable Mining			

MCDR Compliance

SN	Item	Comments	Remarks
9a	Status of online submission of Monthly and Annual returns	M.R. Submitted upto ---------- A.R. submitted upto ----------	

SN	Item	Observation of I/Officer	Remarks
9b	Whether incomplete or false or wrong returns submitted (Rule 45 (7))	Incomplete Information: False information:	
9c	Status of Approved Mining Plan/ FMCP (Rule 11 (3) & (4), Rule 24,25)		
9d	Validity of FA (Rule 27)		
9e	Notices and Returns for the lease area submitted or not		
9f	Employment of Mining Engineer, Geologist and Manager (in terms of Rule 55)		

Details of violations observed, *if any*, during current inspection and compliance position of earlier violation pointed out:-

(Name of inspecting officer with designation and date)

Annexure-XII

MODEL CERTIFICATE TO BE ISSUED UNDER RULE 21(4) OF MCDR' 2017

भारतसरकार
GOVERNMENT OF INDIA
खानमंत्रालय
MINISTRY OF MINES
भारतीय खानब्यूरो
INDIAN BUREAU OF MINES
..... क्षेत्रीय कार्यालय
..... REGIONAL OFFICE

No.---------- Dated ----------

CERTIFICATE

In exercise of the powers conferred on me under Sub-Rule (4) of Rule 21 of Mineral Conservation and Development Rules, 2017delegated vide Notification No. T-43010/CGBM/2014 dated 11th May 2017 and published in the Gazette of India dated 31st May 2017; I, hereby, certify that the protective, reclamation and rehabilitation work in accordance with the Final Mine Closure Plan approved vide letter No.---------- dated---------- have been carried out in the mining lease / part of mining lease over an area of ---------Ha in respect of ---------- (name of the mine and mineral) mine held by Messer's /Shri/Smt. ----------in ---------- district in the State of ----------.

This Certificate is issued without prejudice to any other laws applicable to the mine/lease area from time to time and also without any prejudice to any other order or direction from any court of competent jurisdiction.

(----------)
Regional Controller of Mines/DCOM (I/C),
Indian Bureau of Mines

To,
Messer's /Shri/Smt. ------,
----------,
----------,
----------.

Not On Original:
Copy for kind information to the:
1. The Chief Controller of Mines, Indian Bureau of Mines, Nagpur
2. The Controller of Mines (CZ/EZ/NZ/SZ), MDR Division, Indian Bureau of Mines.

3. Director, Directorate of Mines & Geology, (whatever name) Govt. of ----------.

(----------)
Regional Controller of Mines/DCOM (I/C),
Indian Bureau of Mines

Annexure-XIII

Brief Comments with specific reference to Auction and to be filled in the last inspection prior to the expiry of the lease in terms of Section 8A (4) & (6) of MMDR (Amendment) Act'2015:

Name of the Mine:
Area:
Owner:
Mine-code/Lease-code:
Date of grant of lease:
Date of final closure/lease expiry:

SN	Item	Comments
1	Brief comments of inspecting officer on FMCP Implementation	
2	Brief comments of inspecting officer on Future scope for mining/ Future Auction (Considering Geology, Balance Reserves, Lease area shape/size, Land Schedule, Land use, Method of Mining, Available Dumping Area, Use of mineral etc.)	
3	Whether any contiguous lease area is also expiring with the ML under reference	
4	Potentially mineralized freehold area available, if any, around the lease area in the strike direction	
5	Suggestions based on explored depth in the lease area in comparison to the deepest level explored at Regional level	
6	Brief comments on intention of the lessee to retain the area in auction	
7	Technical suggestions, if any, to the State Govt. for future auction of the area in terms of Rule 18 of MCR'2016	

(Name of inspecting officer with designation and date)

Annexure-XIV

FORMAT FOR SCHEME OF RECONNAISSANCE/ PROSPECTING

Under rule 4 of MCDR-2017 , 18 (2)(c) of Mineral (Auction) Rules, 2015 and 5(10)(b) of MCR-2016

(TO BE PREPARED BY GEOLOGIST APPOINTED UNDER RULE 55 of MCDR, 2017)

1.	**PARTICULARS OF THE RECONNAISSANCE PERMIT / PROSPECTING LICENCE/COMPOSITE LICENCE AREA**	
	(i)	Name of mineral/minerals.
	(ii)	Name of the NERP Holder/Licensee/Preferred Bidder.
	(iii)	Postal address of the NERP Holder / Preferred Bidder with Telephone/Fax No./ Email/ Mobile no.
	(iv)	In case NERP Holder / Preferred Bidder is a Company/Partnership firm/Cooperative/Other association of individuals, please indicate: Name & address of the Director-in-Charge/Managing Director/Managing Partner, address of the registered office, Telephone/Fax, Email, Mobile no. etc.
	(v)	Total area under Reconnaissance permit/ prospecting license / prospecting license cum mining lease, separately for forest and/non-forest (in hectares).In case prospecting licence is granted under section 10A(2)(b) of MMDR Act-1957 ,then the mention details of Reconnaissance permit.
	(vi)	Grant order No & Date of Issue with period/Letter Of Intent No & Date of issue to the Preferred bidder with period.
	(vii)	In case of forest land, give details of the following- a) Forest Division, Block and Range b) Legal status of the forest (namely reserved, protected, unclassified etc) c) Whether it forms part of a national park or wild life sanctuary d) Enclose forest map with RP / PL / PL cum ML area demarcated d) Specific permission from the forest department
	(viii)	Where the land is not owned by the preferred bidder, whether the applicant has obtained the surface rights over the area or has obtained the consent of the owner for starting prospecting operations.
	(ix)	Survey of India Topo-sheet No. (Attach Key Plan of the area on topo sheet 1:50000)

	(x)	Geographical co-ordinates (latitude & longitude), preferably DGPS surveyed.
	(xi)	Village/Post office/Police station /Taluka /District/State.
	(xii)	Cadastral survey or Khasra no.
	(x)	Accessibility : By Road/ Rail/ Air
	(xi)	Infrastructure: Road, Railway, Port Facility, Electricity availability, Water availability for industry
	(xii)	Climate:
	(xiii)	Physiography/Topography:
2.	**DETAILS OF EXPLORATION AGENCY**	
	(i)	Name and address of Exploration agency.
	(ii)	Name, address and contact details of the Geologist appointed under rule 42 of MCDR'88 and preparing the scheme of prospecting.
	(iii)	Qualification and Date of appointment
3.	**PREVIOUS EXPLORATION IF ANY**	
	i)	Name and address of exploration agencies
	(ii)	Details of previous exploration carried out by other agencies/parties.
	(iii)	Area covered and scale of geological mapping.
	(iv)	Type of mineralization.
	(v)	Quantum of Exploration.
	(vi)	Resources / reserves established with quantity, quality.
	(vii)	In case the area covered under exploration forms part of the present area then the same should be shown in a map.
4.	**GEOLOGY**	
	(i)	Brief regional geology with source:
	(ii)	Local geology of the area: Deposit type, geological setting and details of dip, strike, old workings, and surface exposures etc. of the area and also relevant information of adjoining nearby mines/areas.

	(iii)	The extent and variability of the mineralization expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.
	(iv)	Geological map and Cross sections of at least not less than a scale of 1:10000 with geo-coordinates showing major lithological units, structural & tectonic features; extent of surface mineralization, structure, location of boreholes, pits, trenches, old workings etc.
	(v)	Geological Plans and cross-sections showing the extent and variability of the mineralization.

5. SCHEME OF EXPLORATION (YEAR-WISE PROPOSALS)

Mineral exploration proposals shall be made in such a way that the entire mineralized area is explored in G1 (Detail Exploration) / G2 (General Exploration) level as per Minerals (Evidence of Mineral Contents) Rules, 2015 enabling to support the quantitative and qualitative conclusions for preparation of Mining Plan document as specified in section 5 (B)(ii) of MMDR Amendment Act, 2015 . (Attach suitable plan/ sections showing year wise proposals).

Sl. no.	Exploration Item	Year wise proposals			Proposed Expenditure in '000 Rs
		1st Year	II Year	III Year	
(i)	Topographical & Geological survey (Mapping):				
(ii)	Geophysical exploration, with type of survey, line and point interval, and total area to be covered.				
(iii)	Geochemical exploration, grid interval, and area to be covered.				
(iv)	Technological Investigation				
	a) **a) Pitting:-** No. of pits with grid spacing & dimensions.				
	b) **b) Trenching:-** No. of trenches with spacing interval, dimensions and quantum of excavation.				

		c) **c) Drilling:-** Type of drilling, Angle of drilling, No. of boreholes with grid spacing, (Give details such as geo-coordinates, RL, inclination, depth etc. in a separate sheet with supporting plans and sections.)				
	(v)	Geological Logging of drill cores, trench wall/bottom at regular interval, preferably meter wise or less for the mineralized portions				
	(vi)	Sampling & sub sampling: As per Minerals (Evidence of Mineral Contents) Rules, 2015. Mention type of sampling, No. of samples and interval of sampling.				
	(vii)	Quality of assay data & Laboratory tests: As per Minerals (Evidence of Mineral Contents) Rules, 2015.				
	(viii)	Bulk density test				
	(ix)	Exploratory Mining - opencast/ underground with details such as method, coordinates, quantity				
	(x)	Beneficiation studies including Petrographic and Mineralographic studies (As per Minerals (Evidence of Mineral Contents) Rules, 2015) - Mention requirement for bulk sampling quantity for the purpose of study				
	(xi)	Resource estimation Methods/Techniques				
4.	**DETAILS OF EXPLORATION AGENCY**					

	(i)	Name and address of Exploration agency.
	(ii)	Name & address of the Geologist looking after the prospecting work.
	(iii)	Details of exploration work carried out.
6.	**ENVIRONMENTAL ISSUSE**	
	(i)	Baseline information of prevailing environmental conditions before the beginning of prospecting operation on land use pattern / topography / water regime / Flora / fauna / Human settlement, any other prevailing environmental features.
	(ii)	Environmental impact assessment
	(iii)	Environmental management plan
7.	***GENERAL***	
	(i)	Geological study report must be prepared conforming to Part-IVA and Part IV-B of the Schedule of the Minerals (Evidence of Mineral Contents) Rules, 2015.
	(ii)	Proposal for preparation of Pre-Feasibility Study (F2) report for establishing Probable Mineral Reserve (121 and 122) conforming to Part V of the Schedule of the Minerals (Evidence of Mineral Contents) Rules, 2015.
8.	**LIKELY DATE OF COMMENCEMENT OF PROSPECTING OPERATION**	

The information furnished in the above Scheme of Prospecting is true and correct to the best of my knowledge.

Date

Place

Signature

Name

Designation of Geologist in Charge

UNDERTAKING OF THE PREFERRED BIDDER

I/We (Private/Partnership firm/Company----------

Address……..Email……..,Mobile No……..,Land line No……, hereby undertake that the above scheme of prospecting as prepared by Sri……. Geologist in Charge, Address……. Email……..,Mobile No……..,Land line No……, has been prepared with my/ our knowledge on all the contents of the scheme of reconnaissance/ prospecting and with my/ our consent. I/we also hereby undertake to carry out the work as proposed and shall explore the deposit confirming to the level of General Exploration (G2), shall submit the Geological study report conforming to Part-IVA and Part IV-B of the Schedule as per rule 7 of the Minerals (Evidence of Mineral Contents) Rules, 2015 and shall be binding on me/ us in all respects.

Date

Place

Authorised Signatory

Name of the Licensee / Preferred Bidder

Designation

Stamp

As the MM (D & R) Act-1957 has been amended by ordinance dated 12.01.2015 and notified on 27.03.2015, the earlier rules under the act have been changed and new rules have also been introduced under the above said act. The grant procedure / method of mineral concessions have changed accordingly. Therefore the earlier scheme of prospecting format requires to be changed as per the MM (D & R) Act-1957 and various applicable rules thereunder. In this regard the draft scheme of prospecting format for both existing/saved Prospecting Licenses and Composite License is placed in file for perusal, approval and finally approval for hosting / uploading it in IBM website for seeking comments within a period 15 days from the date of hosting / uploading in IBM website.

Annexure-XV

Inventory of Reconnaissance/ Prospecting Licences

Region:															
Sl No	*Name of Licensee*	*Village*	*District*	*State*	*Minerals*	*Area in Ha*	*Date of Grant*	*Date of Execution*	*Period*	*Whether PL is based on RP or Direct PL? If so Details of RP.*	*Whether Licensee Renewed the PL, If yes, last date of validity?*	*Status of submission of returns/reports under MCDR-1988/2017 (as the case may be) with date*			
												Whether scheme of Prospecting u/r 4 filed with the IBM? Date of submission.	*Intimation about appointment of geologist/ME u/r 46*	*Whether Notice of commencement of prospecting operation u/r 7 filed with IBM? Date of Commencement.*	*Whether Notice of shaft sinking/ bore hole u/r 47 filed with IBM.*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*

Status of submission of returns/reports under MCDR-1988/2017 (as the case may be) with date					*Date of Completion of Prospecting Operation.*	*Whether Final report of prospecting operation u/r 8 filed with IBM. Date of Submission*	*Expenditure in '000Rs.*	
Whether Yearly report of prospecting operation u/r 8 filed with IBM. Date of submission.							*Proposed*	*Actual*
1st	*2nd*	*3rd*	*4th*	*5th*				
17	*18*	*19*	*20*	*21*	*22*	*23*	*24*	*25*

Action taken by IBM for non compliance of provisions of MCDR												*Remarks*
Date of Inspection	*Name & Designation of Inspecting officer*	*Violation pointed out based on office records or inspection*		*Compliance*		*Show Cause Issued*		*Compliance*		*Court Case*		
		Rule	*Date*	*Rule*	*Date*	*Rule*	*Date*	*Rule*	*Date*	*Rule*	*Date*	
26	*27*	*28*	*29*	*30*	*31*	*32*	*33*	*34*	*35*	*36*	*37*	*38*

Signature:
Name of the Nodal Officer:

Annexure-XVI

Report ID No:

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES

INSPECTION REPORT
OF
RECONNAISSANCE/ PROSPECTING / COMPOSIT LICENCE GRANTED TO

BY

Regional Office, IBM,

Inspection Report

PART-I

1.0	**INTRODUCTION**	
1.1	**Name of the Inspecting Officer & Designation**	
	Region/Zone/GM& MM Cell	
	Date of Inspection and accompanying official of RP/PL/CL holder	
	Date of previous Inspection if any and Name of Inspecting officer	
2.0	**Details of RP/PL/CL area**	
	Village	
	Tehsil	
	District	
	State	
	Details of RP/PL/CL area	
	Name of Mineral for which RP/PL/CL granted	
	Date of grant with period; first grant/Renewal/re-grant	
	Date of execution of the RP/PL/CL	
	Survey of India Toposheet Number	
3.0	**Name and Address of RP/PL/CL Holder**	
	Name	
	House No:	
	District	
	State	
	Tel (Off)	
	Tel (Res)	
	Mobile:	
	Email Id:	
3.1	Land Use Details: (Forest, non forest, grazing, agricultural, barren etc. with details of area in hectare.)	

PART – II

4.0	**STATUS OF COMPLIANCE OF RULES OF MCDR-1988**	**Date of submission**	**Action taken by IBM in case of non-submission**
4.1	Scheme of reconnaissance/prospecting under rule 4 of MCDR		
4.2	Submission Modification in Scheme of reconnaissance/ prospecting under Rule 5 if any		
4.3	intimation about commencement of reconnaissance/ prospecting operations in Form-A under Rule 7		

4.4	Appointment of Geologist under rule 55 MCDR, 2017 (Please give name and other details)		
4.5	Form- I under rule 46 regarding certain appointments		
4.6	Notice of shaft sinking and bore holes in form-'J' under rule 47		
4.7	Records of shafts and bore holes under rule 48		
4.8	Preservation of cores under rule 59		
4.9	Submission of yearly report/ final report in Form –B under rule 8		
4.10	Availability of boundary pillars in the RP/PL/CL area (Yes or No)		
4.11	Does the RP/PL/CL area includes forest land (Yes or No)		
4.12	If yes then whether FC granted for exploration activities from MOEF with details of permission sought		
4.13	Permission sought		
4.14	Whether chemical analysis carried out in Govt. lab or NABL accredited lab		

PART - III

	GEOLOGY	
5.1	Previous work	
5.2	Physiography	
5.3	Regional Geology: Brief description to have an idea of the broad geological, structural frame work and pattern of mineralization. (Brief stratigraphy of the region to be given)	
5.4	Local Geology: Details of dip, strike, structural features lithology/rock types, controls of mineralization observed in the RP/PL/CL area, outcrops of mineralization, surface elucidations seen with approximate strike length and width.	
5.5	Description of Exploratory workings (Brief description of dimension of exploratory pits/ old workings/ Observations made in the old pits, nala cuttings, escarpments etc.)	
5.6	Whether the proposals in the scheme are adequate to delineate the ore body in a way that mineral resources can be estimated partly under G1 and G2 categories of	

	UNFC so as to enable the RP/PL/CL holder for preparing a systematic and scientific mining plan	
5.7	If not then further measures suggested to be taken up for establishing the reserves/ resources towards determination of grade of mineral/ore, mineralogical/ amenability to beneficiation studies	

PART – IV

6.0	**REVIEW OF PROSPECTING SCHEME**				
6.1	Name of Exploration Agency (whether empanelled with IBM):				
6.2	Work carried out v/s proposed in scheme of reconnaissance/ prospecting				
	Activities		Proposed	Achieved	Remarks
i.	Geological Mapping (Scale)	Scale & area covered			
ii.	Pitting	Nos			
iii.	Trenching	Nos			
iv.(a)	Drilling	Nos of holes			
iv.(b)	Type of drilling	Core/RC/DTH/any other			
iv.(c)	Drilling	meter			
v	Sample for chemical with check sample criteria (10%)/ mineralogical analysis	Nos			
vi	Any other (please specify)	--			
vii	Expenditure incurred in exploration activities				
6.3	Critical analysis of prospecting pattern and data and maintenance of data/information, with a view to comment on adequacy of work done , vis-à-vis the scheme of reconnaissance/ prospecting under rule 4 & 5 of MCDR-2017.				
6.4	Review of the status of the area not covered by reconnaissance/ prospecting.				
6.5	Environment				
6.6	Extent of the area under Non-forest land and forest land				
6.7	Environmental Details				
6.8	Environmental Protection measures adopted and their efficiency				
6.9	Socioeconomic Concern				
6.10	Expenditure incurred in community development through employment /education/village development/housing in the vicinity area.				

PART –V

7.0	**OBSERVATIONS OF INSPECTING OFFICER**	
7.1	Conclusion	
7.2	Recommendations	
7.3	Suggestions for further exploration work if any based on field inspection and follow up	

Date: Signature:

Place: Name & Designation:

Annexure -XVII

STOPING INSPECTION REPORT
INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT & REGULATION DIVISION
--------- Regional Office

Mine Code/ Lease code

(i)Name of Inspecting Officer :
(ii)Designation :
(iii)I.O. No. :
(iv)Accompanying mine official :
(v) Designation :
(vi)Date of Inspection :
(vii)Date of submission of the application by lessee:
:

PART – I GENERAL INFORMATION

1 a)Name of the mine :
b) Category of the mine
(A-Mechanized U/G mine, A- Others, B-Manual)
c) Address of the mine State :
Dist. :
Vill :
Pin :`
Fax :
E-mail :
d)Name of Police Station :
e) Lease area in Hect.
i) Forest :
ii) Non-forest :
2. a) Period of Lease
b) Date of expiry
3.a)Mineral worked
b)Main mineral :
c)Associated minerals : ----
d)Captive /non-captive use :
4 .a)Date of approval of mining plan with reference No.:
b)Special conditions stipulated in approval letter:
5. Name and address of (including Fax/E-mail, if any) :
b)Agent :
c)Status of lessee (Private/ :
PSU/Joint sector
d) Mining Engineer/Geologist :

under Rule 55 of MCDR,88
with date of appointment
whether full-time or part time
and qualifications.

e) Mines Manager with:
Qualifications and date of
Appointment

PART- II : TECHNICAL DETAILS

1. Section/Stope details

Name of section / stope applied for	Stope No.	Level		Total Development with	Definition on
		Top mRL	Bottom mRL	By ore pass, trough drive and slot raise	

2. Extent of Development in the mine

(a) Developments (main)

Shaft			Inclines			Adits		Drives	
Top RL	Bottom RL	Depth In m	Top RL	Bottom RL	Lengh In m	RL of Adits	Length In m	RL ML	Length In m

(b) Stope already worked out during last 5 years

Stopes already worked out	Top level RL	Bottom Level RL	Quantity recovered
TOTAL			

3. Reserves as on 1.4.20..

Balance reserves in stopes under operation for which permission is granted			Proved reserves in stopes applied for stoping		
Level	Stopes	Balance reserves In tonnes	Level	Stopes	Proved Reserves in tonnes

4. Balance Reserves (Grand Total)

(a) Block

Category	Tonnage	Grade	Bounding levels
Blocked Reserves			
Drilled Reserves			
Total Reserves			

5. Compliance position for stope blocks already approved

Sr. No.	Level	Name of the stope block	Approval letter No.	Quantity estimated	Quantity mined out	Quantity balance	Grade %	% of recovery	Remarks
1									
2									
3									
4									
5									

06 Methods of stoping

(a) Haulage level:-

(b) Drill Levels:-

(c) Slot:-

(d) Blasting Sequence-

(i) Blast the slot rages.
(ii) Create slots.
(iii) Blast the rings in the trough against the free face of the slot.

(iv) Large dia rings to be blasted against free face of the slots from
(v) Repeat operation (iii) & (iv).

(e) (i) Rate of stoping-
(ii) Estimated Recovery-
(iii) Estimated Dilution-

7. Compliance of conditions imposed in approval letter for other stopes.

8. Program of forming additional stopes:

9. Compliance of Rule 26 under MCDR, 1988

10. Comments on the scrutiny of stoping notice

11. Recommendations.

Note: While processing the application in initial stage, it should be ensured that the proposed stope block(s) for grant of permission has already been included in the last Approved Mining Plan/ Modified/ review of Mining Plan. If the block(s) is not included in the last approved document, the application submitted for grant of stoping permission should be rejected at Regional level itself.

(Name of inspecting officer with designation and date)

Annexure-XVIII

SELF ASSESMENT TEMPLATE FOR STAR RATING CATEGORY "A" MINES

REPORTING YEAR (RY): _____

PART- I: GENERAL INFORMATION:

I. LEASE DETAILS

S.N.	Particulars	Validation Rule
1	IBM Registration Number (under rule 45 of MCDR, 1988)	
2	Mine code (for ML)/ Lease code	
3	Name of the Mine	
4	District	
5	State	
6	Name of the Regional office under the purview	Drop down menu with names of the RO
7	Name of the Lessee	
8	Address	
9	Mobile Number	
10	Email address	
11	Mineral(s)	Space for five minerals
12	Total Lease Area (ha) (i) Forest Land (ha) (ii) Private Land (ha) (iii) Revenue land (ha) (iv) Others, if any(Specify)	
13	Lease period (valid up to)	DD/MM/YYYY
14	Reserves (As per UNFC 111,121 & 122) at the end of the reporting year and Total Resources	Space for Multi-minerals Space for Reserves/Resources
15	Production of Mineral (in T)	ROM | Saleable
16	Method of Mining (Opencast/ Underground, Opencast & Underground)	Drop down menu with all three options
17	Type of Mine (Captive/Non-Captive)	Drop down menu to have lexicons as mentioned.

18	Name and contact details of all the members of Sustainable Development Unit (SDU)	
19	Prominent surface feature of like monuments, place of worship, rivers, etc. if any within 2 Km radius of the mine.	
20	Date of Approval of Mining Plan/ Modified Mining Plan /Review of Mining Plan with validity	Furnish details like Letter No., Date, Validity (up to dd/mm/yyyy), Quantity approved for the reporting year.
21	No. of days Mine was operational (during Reporting Year)	
22	Status of the lease-/working/Non-working	Drop down menu to have lexicons as mentioned. Drop down menu for Non-Working-Under suspension/Temporary Discontinuance/Any other statutory or court order

II. LEASE AREA UTILISATION

S. No.	Type of land use (in ha)	Area put to use at the at the beginning of RY (ha)	Area put to use during the RY(ha)	Cumulative area put to use at the end of RY(ha)
1	Area under Mining Pit/Excavation			
2	Mineral storage			
3	Mineral Beneficiation plant			
4	Township			
5	Tailing Pond			
6	Railways			
7	Roads			
8	Infrastructure (Workshop, administrative			

	building etc.)			
9	OB/waste dump			
10	Top soil preservation			
11	Others (Like Plantation on dumps etc.)			
12	Reclaimed and Rehabilitated Area			
13	Total area put to use			

III. ROYALTY & OTHER CONTRIBUTIONS (for Mining Lease)

S. No.	Details	Amount paid in RY in Lakh Rs.
1	Royalty/Dead rent paid	
2	Contribution to DMF	
3	Contribution to NMET	
4	Amount Paid towards despatch sharing in Auction cases	
5	Total of other cess or taxes/**GST** paid to Government, **excluding** above.	

IV.STATUTORY COMPLIANCES

1.	**Environment Clearance, Order No. and validity** **(i) Quantity approved** **(ii) Validity**	**Furnish details like Letter No., Date, Validity, Quantity approved**
2.	SPCB Approvals (i) Consent to Establish (ii) Consent to Operate (iii) Approved quantity (iv) Validity	Furnish details like Letter No., Date, Validity, Quantity approved
3.	Forest Clearance, Letter No. and details	Furnish details like Letter Nos.,

	If applicable	Date, Validity, Area in hectares. Provision for more than one entry to be made. Not applicable option to be provided
4.	Land Acquisition details, Total Area acquired/purchased so for Total Amount paid	Not Available ☐ ☐
5.	Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.	Implemented ***Committee formed or not / Notified / Published / Circulated / Appropriate Work Conditions*** Not Implemented Not Applicable
6.	Submission of high resolution satellite image in terms of Rule 35(2) of MCDR'2017 before 1st July covering mining lease and an area of 2 km from the lease boundary	

PART-II: EVALUATION TEMPLATE

MODULE I: MANAGING IMPACTS AT THE MINE LEVEL
II-A-Exploration

Particulars	Details (To be filled up by Lessee)		Rating Points	Applicable Max Points	Points scored
a) Status of exploration in the beginning of the RY(ha) **Area under G1(ha)** **Area under G2(ha)** **Area under G3(ha)** **Area under G4(ha)** **Non mineralised area(ha)**					
b) Exploration carried out (as per approved Document for the Reporting Year) **In the software, provision for No. of pits, trenches and Boreholes *(alongwith total meterage)* to be provided.** **At present provision is only**	Proposal	Achieved	>80-100% achievement or if mines have already been explored 100% (10) points) >70-80% (5) points) >50-70% (3) points) <=50% (0 points) /NA (if no proposal for the particular RY)	10/NA	

for boreholes.					
c)G Axis up gradation during RY as per guidelines of MEMC Rule 2015) **Area converted under G1 from G2, G3 & G4** **Remaining area under G2** **Remaining area under G3** **Remaining area under G4**	% age of potential mineralized area explored at G1 level		=100 % (5 points) >75-99% (4 points) >50-75% (3 points) >25-50% (1 points) < =25% (0 points)	5/NA	
d)Ore body delineated up to Marker bed ***(Where Physical Characteristics of the rock changes)***			If yes 2 points If no 0 points NA	2 points	
e) Systematic resource/Mine planning using MIS/ GIS/ Mining Planning software.	Brief Details		Yes (3 points) No (0 points)	3	

II-B-Mining Operations-Opencast

a)Total excavation(CuM) **(Run of the Mine+Overburden+Interburden)**	**Proposal**	**Actual**	**>80% (5 points)** **>60-80% (4 points)** **>40-60% (3 points)** **>20-40% (2 points)** **< =20% (0 points)**	**5**	
b) Production of Run of Mine(ROM)(in tonnes)	Proposal	Actual	**≥80-*100%* (5 points)** **>60-80% (4 points)** **>40-60% (3 points)** **>20-40% (2 points)** **< =20% (0 points)** ***>100%-(0 points)***	5	
c)Stripping Ratio ***Ratio of ore/waste***	Proposal	Actual	***20% Variation-5 points*** ***20-40% Variation-4 points*** ***40-60% Variation – 3 points*** ***60-80% Variation-***	5/*NA*	

			2 points >80% Variation- 0 points NA (wherever applicable like Beach sand Minerals etc.)		
d)Pit Parameters (Bench Height/Bench Width/Overall Pit slope)	Proposal	Actual	As per proposals (3 points) Else (0 points) NA (wherever applicable like Beach sand Minerals etc.)	3/*NA*	

II-C-Underground Mine

a) Mode of Entry (Shaft/Adit/Incline/Decline)			**Free box**		
b) Stoping Method(cut and fill/room and pillar/sublevel/ caving etc)			Free box		
c)Mineral wise production	Proposal	Actual	**80-100% (5 points) >60-80% (4 points) >40-60% (3 points) >20-40% (2 points)**	5	

			< =20% (0 points)		
d)Development in meters					
e)Horizontal Development in meters(Incline/Adit/Drive/Crosscut/Decline/others)	Proposal	Actual	As per proposal (1 point for each type of development wherever applicable)Else (0 points)	5/NA	
f) Vertical Development in meters(Shaft/Winze/Raise/etc.)	Proposal	Actual	As per proposal(1 point for each type of development) Else (0 points)	3/NA	

II-D-Safety & ventilation

a) Geo-technical study of roof and pillars for stability of mine during past three years	**Details**	**Yes (1 points) Else (0 points)**	**1**	
b) Regular monitoring of roof/pillar/rock condition	Details	Yes (3 points) Else (0 points)	3	
b) Incidence of subsidence/collapse reported to DGMS	Details	Yes (0 points) No such incidence (2 points)	2	
c)Compliance of Ventilation Standards as per MMR 1961	Details	Yes (2 points) No (0 points)	2	

II-E-Waste Generation & Utilisation

a) Waste Generated and dumped(location)	**Details to be**	**As per Proposal (2 points)**	**2 / NA**	

	provided	Else (**0 points)**		
b) Stabilisation of Dumps by various techniques such as Geo-textiles/coir matting/etc.	Details to be provided	Yes (2 points) No (0 points)	2 / NA	
c) Alternative use/disposal of waste generated (excluding topsoil).	Details to be provided	Yes (2 points) No (0 points)	2 / NA	

II-F-Measures for Mineral Conservation

a)Stacking of Sub-grade/Mineral rejects in earmarked area	**Quantity & place of stacking**		As per Proposal (2 points) Else (0 points)	**2 / NA**	
b) Utilisation of mineral rejects / sub-grade material *at ROM stage(Without any beneficiation)* For RY	Total Mineral reject/Sub grade available at mines	Qty of mineral reject/sub grade used/blended	>= 50 % (5 points) 30 - 49 % (4 points) 20-29% (3 points) 10 – 19% (1 point) <10% (0 points)	5 / NA	
c) Adoption of Beneficiation Process for improving the grade of mineral rejects / sub-grade material.	Details to be provided		Yes (5 points) No (0 points) N.A. (if no low grade ROM/subgrade is available / beneficiation not required)	5 / NA	

II-G-Protection of Environment

a) Top soil stacking only	**Quantity & earmarked place to be provided**	**As per proposals (2 points) Else (0 points) N.A.**	**2/ NA**	

b) Topsoil utilisation only	**Quantity & earmarked place to be provided**		As per proposals (3 points) Else (0 points) N.A.	3/NA	
c) Topsoil utilisation concurrently without stacking (This field to be disabled if any of the above fields i.e. a & b are filled in).	**Quantity & earmarked place to be provided**		As per proposals (5 points) Else (0 points) N.A.	5/NA	
b)Construction of check dams	Proposal	Actual	As per proposals -1 point Else 0 point N.A.	1 / NA	
c)Construction of garland drains	Proposal	Actual	As per proposals (1 points) Else (0 points) N.A.	1 / NA	
d)Construction of retaining walls	Proposal	Actual	As per proposals (1 points) Else (0 points) N.A.	1 / NA	
e)Tailings disposal (applicable if *Wet* beneficiation facility exists)	**Quantity & earmarked place to be provided**		Thickened tailing disposal / Paste filing / Dry disposal 5 points) Conventional disposal (0 points)N.A.	5 / NA	
f) Tailings Utilization (%age)	%age Utilization		>10% (5 points) 5-10% (3 points) >0-5%(1 points) No utilization (0 points)	5/ NA	
g) Dust suppression measures undertaken in mining operation such as water sprinkling/wet drilling/water mist spray/dust collector/etc. at various strategic points.	Details to be provided		Yes (3 points) No (0 Points)	3	
h) Disposal of used oil, lubricants through authorized vendors.			Yes (1 points) No (0 points)	1	

II-H-Green Energy initiatives (Waste heat recovery, medical or municipal waste utilization etc.)/Renewable Energy Sources (Solar/ Wind) and Water Conservation

Total energy generated from green sources(KWH) **Total mine water collected (KL)** **Collected mine water Utilised (KL)**					
a) Reduction in *Specific* power consumption in comparison to previous year (KWH/tonne of ore)	**Consumption during the year previous to reporting year**	**Consumption during the reporting year**	Decrease is more than 5% then 3 marks Less than 5% and more than 1% then 2 marks. Less than 1% then no marks	3	
b) Utilisation of Green Energy initiatives / Renewable Energy Sources	Total power requirement (***Consumption)*** (KWH)	Power sourced from green energy/ renewable sources	>= 5% (5 points) 3-4% (2 points) >0-2%(1 point)	5	
c) Quantity of recycled water as a % of total fresh water drawls from external sources.	Total quantity of water consumed (Kilo litres)	Total Quantity of water recycled (Kilo litres)	>= 50 % (5 points) 21-50 % (3 points) 5-20% (1 points) <5% (0 points) N.A., if recycling not possible	5/NA	
d) utilisation of mine Water	Use of mine water by proper treatment and use for: Drinking water supply / Irrigation / or any other purpose-5 points Only for drinking purpose-3		5 3 1 0	5/NA	

	points Only for irrigation-2 points For any other purpose such as used for dust suppression measures- 1 point Discharge without treatment-0 points			
e) Efforts towards Rainwater(RW) Harvesting vis-a-vis Groundwater(GW) Recharging	Details to be given	Rain Water harvesting with GW recharging (3 points) Rain Water harvesting with no GW recharging (2 points) No efforts towards RW Harvesting (0 points) NA (Wherever Applicable such as Beach Sand Minerals)	3/NA	

(A comparative Statement for the previous year vis-a-vis reporting year to be furnished by the lessee at the time of validation)

II-I-Compliance Status

Compliance Status of Violations pointed out by IBM	Total no. of violations pointed out	No. Of Violations complied with	No Violations (5 points) 100% compliance (4 points) 75-99% compliance (3 points) 51-74% compliance (2 points) 25-50% compliance (1 point)	5	

			<25% compliance (0 points)		
Compliance Status of Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCPB.	Total no. of violations pointed out (as informed by lessee)	No. of Violations complied with	No Violations (5 points) 100% compliance (4 points) 75-99% compliance (3 points) 50-74% compliance (2 points) 25-49% compliance (1 point) <25% compliance (0 points)	5	
Submission of monthly online return within prescribed time limit as per rules	12 Months	Nos of return submitted on time	100% compliance (5points) 75-99% compliance (3 points) 50-74% compliance (2 points) 25-49% compliance (1 point) <25% compliance (0 points)	5	

NOTE: Proposal and achievement columns are with respect to the reporting year.

Summary of Points obtained in Module-I	Module-I Applicable Maximum Points (1)	Module-I Points Scored (i)
Both Opencast & Underground Mining Only Opencast Only Underground	140	

Part-III

MODULE II: FINAL/ PROGRESSIVE MINE CLOSURE & LANDSCAPE RESTORATION

III-A-Landscape Restoration & Rehabilitation of Ecology

Total trees planted in the RY					**Number**	**Area**
Particulars	**Details**			**Rating Points (Based on achievement of any two factors)**	**Max Applicable Points**	**Points Scored**
1) Backfilling as per approved Document	Proposal Volume (CuM) Area (Ha) Height with reference to original Topography (m)	Actual Volume (CuM) Area (Ha) Height with reference to original Topography (m)	% (This is to be calculated by system) Volume Area Height	> 80% (5 points) 50-80% (2 points) <=50%(0 point) NA (where no backfilling is applicable from mineral conservation angle)	5 / NA	
(1a) Plantation over backfilled area				100% (3 points) >50 < 100% (1 points) <=50%(0 point)	3/NA	
(1b) Plantation over dump area				100% (3 points) >50 < 100% (2 points) <=50%(0 point)	3/NA	
(1c) Plantation over virgin area (Green belt				100% (3 points) >50 < 100%	3/NA	

development) ***(At least one of the a, b or c to be provided, all three can't be selected as NA)***				(1 points) <=50%(0 point)		
d) Plantation over outside lease area				100% (3 points) >50 < 100% (1 points) <=50%(0 point)	3/NA	
2)Construction of water reservoir				As per proposal – 3 points No – 0 points	3 / NA	
3) Measures for soil moisture conservation/improving Biodiversity/Eco-tourism etc.						
3a)Details (Soil-moisture conservation, Treatment of problematic soils, if applicable, (Treatment with soil amendments, manuring, bio-fertilizers etc.	Details to be provided			Yes (2 points) No (0 points)	2/NA	
3b) Creation of Eco tourism / recreational facility / if	Details to be provided			Yes (2 points) No (0 points)	2/NA	

applicable				
3c) Area reshaped by pitching & contouring	Details to be provided	100% (2 points) >50 < 100% (1 points) <=50%(0 point)	2 / NA	
3d) Pisciculture	**Details to be provided**	**Yes-4 marks No- zero marks**	**4/NA**	

III-B-Monitoring of Environment

Environmental Monitoring Standards	Core Zone	Buffer zone	Rating Points	Applicable Max. Points	Points Scored
a) Ambient Air Quality As per Standards laid down by MOEF & CC for both CORE & Buffer Zone			Within limit (3 points) Else (0 points)	3	
b) Surface Water Quality As per Standards laid down by MOEF & CC for both CORE & Buffer Zone			Within limit (3 points) Else (0 points)	3	
c) Ground Water Quality As per Standards laid down by MOEF & CC for both CORE & Buffer Zone.			Within limit (3 points) Else (0 points)	3	
d)Noise Level as per standards laid down by DGMS for both Core & Buffer Zone			Within limit (3 points) Else (0 points)	3	
e) Ground Vibration as per standards laid down by DGMS for both Core & Buffer Zone			Within limit (3 points) Else (0 points) NA (wherever applicable such as where no	3/NA	

			drilling blasting is being done or no ripper dozer is being used)		

Type of Land Use	**Area utilised for the purpose during the Reporting year(ha)**	**Cumulative Area Utilised for the purpose at the end of reporting year (ha)**
Area Afforested		
Mined out area reclaimed		
Waste Dump area reclaimed		

Summary of Points obtained in Module-II	Module-II Applicable Maximum Points (3)	Module-II Points Scored (iii)
	45	

Part-IV

MODULE III: ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Working in LWE affected districts (as per NITI Aayog list) /Scheduled V area/Tribal area		**Yes (2 points) No (0 points)**	**2**	

IV-A-Expenditure towards Welfare and Community Engagement

Particulars	Details (To be filled up by Lessee)		Rating Points	Applicable Max Points	Points scored
a) Total expenditure incurred for welfare activities in peripheral area (in & around mines) such as **1. Sanitation, Housing & Drinking Water provision** **2. Education, Medical & Health** **3. Development of Infrastructure** **4. Support to Social and Livelihood** **5. Environmental protection** **Data comparing commitment and actual utilization of funds under CSR for the RY.**	Amount Committed for the RY under CSR (For five sub heads as mentioned)	Amount Utilized for the RY under CSR (For five sub heads as mentioned)	Utilization 80-100% 2 Marks for each activity Utilization 60-80% 1 Marks for each activity Utilization <60% 0 Marks for each activity NA option for each in case of no proposal/ commitment under the particular activity	10/NA	

b)If the total expenditure/*Amount Utilized* for welfare measures as mentioned above is more than *100% of committed amount* during the reporting year	Amount Committed for the RY	Total expenditure for the RY	More than 100% of committed amount 5 points Else 0 points	05	

Note: - Since the DMF is a statutory obligation for every lessee and the PMKKKY is linked to the development activities in and around the mines, the Part IV-A has been delinked from royalty percentage and linked to the CSR commitment and utilization and to reward further (b) has been modified accordingly for the lessees exceeding the committed amount expenditure under CSR activities for the RY.

A self-certified/Audited Statement for expenditure incurred by Owner/Nominated Owner to be provided at the time of inspection along with proper documentation of the work done in the reporting year.

IV-B-Rehabilitation & Resettlement for Project Affected People

Particulars	**Details**		**Rating Points**	**Applicable Max Points**	**Points scored**
a)No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP / R&R , if applicable					
b)%age of PAP for whom alternate arrangements made for sustained livelihood/ employment	No. of PAP	No. of PAP provided Livelihood / employment	100% (5 points) 71<100 % (3 points) 51-70 % (2 points) <50 (No points) NA, if no R&R involved	5 / NA	
c)Social Impact Assessment (SIA) undertaken and Social Impact Management Plan prepared and			YES (1 points) No (0 Points)	1/NA	

implemented				
d)Whether a public grievance redressal mechanism is in place		Yes(1 point) No (0 point)	1	
f) Name & Contact details of Committee Members responsible displayed publicly		Yes(1 point) No (0 point)	1	
f) Participation of stakeholders, in various activities of the companies pertaining to SDF.		Yes 1 points) No Participation (0 points)	1	

IV-C-Contribution towards Swachhatha Abhiyan/Cleanliness drive

1	Adoption of village for swachhta: 1. School, Hospital, Drinking water and ODF. 2. School, Hospital and Drinking water. 3. School and Hospital. 4. School.	Yes/No (2 points for each-School, Hospital, Drinking Water & ODF)	Item 1- (8 points) Item 2- (6 points) Item 3- (4 points) Item 4- (2 points) No- 0 points	8	
2	General Cleanliness of mines area (Mine working faces, dump areas, roads & ODF)	Excellent/ Moderate/ Poor	Excellent (3)/ Moderate (2)/Poor(0)	3	
3	Garbage collection and appropriate disposal	Yes/No	Yes – 1/ No -0	1	
4	Providing clean drinking water for mining workers	Yes/No	Yes – 1 / No - 0	1	
5	Swachhatha Saptah/Week among Mine workers and to keep record in form of	Yes/No	Yes – 1 / No - 0	1	

	a report on the same alongwith photographs.				

Summary of Points obtained in Module-III	Module-III Applicable Maximum Points (2)	Module-III Points Scored (ii)
	40	

Part-V

MODULE IV: ASSURANCE AND REPORTING

V-A-Lease Level Reporting - Disclosures and Assurances

PARTICULARS	DETAILS	RATING POINTS	Max Applicable Points	Points scored
a) Availability of information on SDF and related Reports on company's/ Mine website	Details	Yes (2 points) No(0 points)	2	
b) Legible Display (in any form) of environmental standards on website and at prominent locations such as mine-office, etc.	Details	Yes (3 points) No(0 points)	3	
Adoption of Related International Standards				
c)QMS (ISO_9001)	Yes/No.	Yes (2 points) No (0 points)	2	
d)EMS (ISO-14001)	Yes/No	Yes (2 points) No (0 points)	2	
e) OHSAS (ISO-18001)	Yes/No	Yes (2points) No (0 points)	2	
f)Social Accountability (8000)	Yes/No	Yes (2 points) No (0 points)	2	

g)GRI/Sustainability Reporting	**Yes/No**	**Yes (2 points)No (0 points)**	**2**	

Summary of Points obtained in Module-IV	Module-IV Applicable Maximum Points (4)	Module-IV Points Scored (iv)
	15	

OVERALL PERFORMANCE & STAR RATING

Module	Sum of Applicable Maximum Points in all Modules (a)	Sum of Points Scored in all Modules(b)	Percentage (b/a)*100
Subtotal Module I	140		
Subtotal Module II	45		
Subtotal Module III	40		
Subtotal Module IV	15		
Overall	240		
% Obtained			
Star Rating			

Criteria for Star Rating:

Percentage Obtained	Criteria
=>90 to 100 %	5 Star
=>80 to <90 %	4 Star
=>60 to <80 %	3 Star
=>50 to <60 %	2 Star
=>25 to <50 %	1 Star
< =25 %	No rating

CERTIFICATE

I ……., S/o …… Designation ……. am authorized to fill and submit this document on behalf of lessee. it is further certified that all the above furnished information is true to the best of my knowledge and based on records.

Date:
Place:

(Name)
Lessee /Authorized Person by Lessee

Annexure-XIX

SELF-ASSESMENT TEMPLATE FOR STAR RATING OF MINING LEASES
B CATEGORY

REPORTING YEAR (RY): _____

PART- I: GENERAL INFORMATION:

I. LEASE AREA DETAILS

S.N.	Particulars	Validation Rule	
1	**IBM Registration Number**		
2	**Mine code (for ML)/ Lease code**		
3	**Name of the Mine**		
4	**District**		
5	**State**		
6	**Name of the Regional office under the purview**	Drop down menu with names of the Regional office	
7	**Name of the Lessee**		
8	**Address**		
9	**Mobile Number**		
10	**Email address**		
11	**Mineral(s)**	Space for five minerals	
12	**Total Lease Area (ha)** **(v) Forest Land (ha)** **(vi) Private Land (ha)** **(vii) Revenue land (ha)** **(viii) Others, if any(Specify)**		
13	**Lease period (valid up to)**	DD/MM/YYYY	
14	**Reserves (As per UNFC 111,121 & 122) at the end of the reporting year and Total Resources**	Space for minerals Space for Reserves/Resources	
15	**Production of Minerals** Type of unit will be specified in software **based on Mineral type** (Million tonnes/Tonnes/Kilogrammes/Carats)	ROM	Saleable
16	**Method of Mining(Opencast/ Underground, Opencast & Underground)**	Drop down menu with all three options	
17	**Type of Mine(Captive/Non Captive)**	Drop down menu to have lexicons as mentioned.	
18	**Name and contact details of all the members of Sustainable Development Unit (SDU)**		
19	**Prominent surface feature of like monuments, place of worship, rivers, etc. if any within 2 Km radius of the mine.**		

20	**Date of Approval of Mining Plan/ Modified Mining Plan /Review of Mining Plan with validity**	Furnish details like Letter No., Date, Validity (up to dad/mm/yyyy), Quantity approved for the reporting year.
21	**No. of days Mine was operational (during Reporting Year)**	
22	**Status of the lease-working/Non-working**	Drop down menu to have lexicons as mentioned. Drop down menu for Non-Working-Under suspension/Temporary Discontinuance/Any other statutory or court order

II. LEASE AREA UTILISATION

S. No.	Type of land use (in ha)	Area put to use at the end of approved plan period	Area put to use at the at the beginning of RY	Area put to use during the RY	Cumulative area put to use at the end of RY
1	Area under Mining				
2	Mineral storage				
3	Mineral Beneficiation plant				
4	Tailing Pond				
5	Roads				
6	Infrastructure (Workshop, administrative building etc.)				
7	OB/waste dump				
8	Top soil stacked				
9	Others				
10	Total area put to use				

III. ROYALTY & OTHER CONTRIBUTIONS(Mining Lease)

S. No.	Details	Amount paid in RY in Lakh Rs.
1	Royalty/Dead rent paid	
2	Contribution to DMF	

3	**Contribution to NMET**	
4	**Amount Paid towards despatch sharing in Auction cases**	
5	**Total of other cess or taxes/ *GST* paid to Government, in addition to (excluding) above.**	

IV.STATUTORY COMPLIANCES

1.	**Environment Clearance, Order No. and validity** **(iii) Quantity approved** **(iv) Validity**	Furnish details like Letter No., Date, Validity, Quantity approved
2.	**SPCB Approvals** **(v) Consent to Establish** **(vi) Consent to Operate**	Furnish details like Letter No., Date, Validity, Quantity approved
3.	**Forest Clearance, Letter No. and details If applicable**	Furnish details like Letter Nos., Date, Validity, Area in hectares. ***Provision for more than one entry to be made*.** Not applicable option to be provided
4.	**Submission of high resolution satellite image in terms of Rule 35(2) of MCDR'2017 before 1st July covering mining lease and an area of 2 km from the lease boundary**	

1. Exploration

Particulars	Details (To be filled up by Lessee)		Rating Points	Applicable Max Points	Points scored
a)Status of exploration in the beginning of the RY(ha) Area under G1(ha) Area under G2(ha) Area under G3(ha) Area under G4(ha) Non mineralised area(ha)					
b)Exploration carried out (as per approved Document for the Reporting Year) In the software provision for No. Of pits, trenches and Boreholes (alongwith total meterage) to be provided. At present provision is only for boreholes.	Proposal	Achieved	>90-100% achievement or if mines has already been explored 100% (10) points) >70-90% (5) points) >50-70% (3) points) <=50% (0 points)/NA (if no proposal for the particular RY)	10/NA	
c)Ore body delineated up to the Marker bed ***(Where Physical Characteristics of the rock changes)***			If yes 1 points If no 0 marks NA-Not Applicable	1/NA	

2. Mining Operations-Opencast

Particulars	Details (To be filled up by Lessee)		Rating Points	Applicable Max Points	Points scored
a) Total excavation (Cu. Meters) (Run of Mine+Overburden+Interburden)	Proposal	Actual	>60 (5 points) >40-60% (4 points) >20-40% (3 points)	5	

			>10-20% (2 points) < =10% (0 points)		
b) Production of Run of mine(ROM)	Proposal	Actual	>80-100 % Proposed- 5 >50-80 % Proposed -4 >30-70% proposed - 2 <30% proposed Or >100% Proposed - 0	5	
c) Pit Parameters(Bench Height/Bench Width/Overall Pit slope)	Proposal	Actual	As per proposal(3 points) Else (0 points) NA (wherever applicable like Beach sand Minerals etc.)	3/NA	

2-A- Underground Mine

a) Mode of Entry(Shaft/Adit/Incline /Decline)			Free box		
b)Stoping Method(cut and fill/room and pillar/sublevel/caving/etc.)			Free box		
c)Mineral wise production	Proposal	Actual	80-100 % Proposed- 5 >50-80 % Proposed -4 >30-70% proposed - 2 <30% proposed Or >100% Proposed – 0 points	5	
d)Development in meters					
e)Horizontal Development in meters(Incline/Adit/Drive/Crosscut/Decline)	Proposal	Actual	As per proposal (1 point for each type of development wherever applicable) Else (0 points)	5/NA	

f) Vertical Development in meters(Shaft/Winze/Raise/etc.)	Proposal	Actual	As per proposal (1 point for each type of development) Else (0 points)	3/NA	

2-B-Safety & ventilation

a)Geo-technical study of roof and pillars for stability of mine	Details to be provided	Yes(2 points) Else (0 points)	2	
b)Regular monitoring of roof/pillar/rock condition	Details to be provided	Yes(2 points) Else (0 points)	2	
b)Incidence of subsidence/collapse reported to DGMS	Details to be provided	Yes (2 points) No (0 points) NA (where no subsidence has taken place)	2/NA	
c)Compliance of Ventilation Standards as per MMR 1961	Details to be provided	Yes (2 points) No (0 points)	2	

2-C-Waste Generation & Utilisation

a)Waste Generated and dumped(location)	Details to be provided	As per proposal(2 points) Else 0 points	2 / NA	
b) Stabilisation of Dumps by various techniques such as ***terracing, plantation***, Geo-textiles/coir matting/etc.	Details to be provided	Yes (2 points) No (0 points)	2 / NA	
c) Alternative use/disposal of waste generated (excluding topsoil).	Details to be provided	Yes (2 points) No (0 points)	2 / NA	

2-D-Measures for Mineral Conservation

a) Stacking of Sub-grade/Mineral rejects in earmarked area.	Details to be provided		As per proposals (2 points) Else (0 points)	2 / NA	
b)Utilisation of mineral rejects / sub-	Total	Qty of	>= 50 % (5 points)	5 / NA	

grade material at ROM stage For RY	Mineral reject/Sub grade available at mines	mineral reject/sub grade used/blended	30 - 49 % (4 points) 20-29% (3 points) 10 – 19% (1 point) <10% (0 points)		
c) Adoption of Beneficiation Process for improving the grade of mineral rejects / sub-grade material.	Details to be provided		Yes (5 points) No (0 points) N.A. (if no low grade ROM/subgrade is available / beneficiation not required)	5 / NA	

2-E-Protection of Environment

a)Top soil stacking only	Details of quantity stacked		As per proposals (2 points) Else (0 points) N.A.	2 / NA	
b)Topsoil utilisation only	Details of quantity Utilised		As per proposals (3 points) Else (0 points) N.A.	2/NA	
c) Topsoil utilisation concurrently without stacking (This field to be disabled if any of the above fields i.e. a & b are filled in).	Details of quantity Stacked		As per proposals (5 points) Else (0 points) N.A.	5/NA	
b)Construction of check dams	Proposal	Actual	As per proposals -1 point Else 0 point N.A.	1 / NA	
c)Construction of garland drains	Proposal	Actual	As per proposals (1 points) Else (0 points) N.A.	1 / NA	
d)Construction of retaining walls	Proposal	Actual	As per proposals (1 points) Else (0 points) N.A.	1 / NA	

3. Landscape Restoration & Rehabilitation of Ecology

Particulars	Details			**Rating Points (Based on achievement of any two factors)**	**Max Applicable Points**	**Points Scored**
1) Backfilling as per approved Document	Proposal Volume (CuM) Area (Ha) Height with reference to original Topography (m)	Actual Volume (CuM) Area(Ha) Height with reference to original Topography (m)	% (This is to be calculated by system) Volume Area Height	80% or more (5 points) 50- 80% (2 points) <=50% (0 point) NA (where no backfilling is applicable from mineral conservation angle)	5 / NA	
(1a)Plantation over backfilled area				100% or more (3 points) >50 < 100% (1 points) <=50% (0 point)	3/NA	
(1b)Plantation over dump area				100% or more (3 points) >50 < 100% (2 points) <=50%(0 point)	3/NA	
(1c)Plantation over virgin area(Green belt development) (At least one of the a, b or c to be provided, all three can't be selected as NA)				100% or more (3 points) >50 < 100% (1 points) <=50%(0 point)	3/NA	

Type of Land Use	Area utilised for the purpose during the Reporting year(ha)	Cumulative Area Utilised for the purpose at the end of reporting year (ha)
Area Afforested		
Mined out area reclaimed		

Waste Dump area reclaimed		

4. Compliance Status

a) Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with	Nil or 100% compliance (4 points) 75-99% compliance (3 points) 51-74% compliance (2 points) 25-50% compliance (1 point) <25% compliance (0 points)	4	
b) Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCPB.	Total no. of violations pointed out (as informed by lessee)	Violations complied with	Nil or 100% compliance (4 points) 75-99% compliance (3 points) 50-74% compliance (2 points) 25-49% compliance (1 point) <25% compliance (0 points)	4	
c)Submission of monthly online return within prescribed time limit as per rules	12 months	Nos of return submitted on time	100% compliance (5points) 75-99% compliance (3 points) 50-74% compliance (2 points) 25-49% compliance (1	5	

			point) <25% compliance (0 points)		

NOTE: Proposal and achievement columns are with respect to the reporting year.

5. Welfare measures and Community Engagement

Working in LWE affected districts (as per NITI Aayog list) /Scheduled V area/Tribal area		Yes (2 points) No (0 points)	2	

Particulars	Details (To be filled up by Lessee)		Rating Points	Applicable Max Points	Points scored
a) Total expenditure incurred for welfare activities in peripheral area (in & around mines) such as 6. Sanitation, Housing & Drinking Water provision 7. Education, Medical & Health 8. Development of Infrastructure 9. Support to Social and Livelihood 10. Environmental protection Data comparing commitment and actual utilization of funds under CSR for the RY.	Total Amount Committed for the RY under CSR (For five sub heads as mentioned)	Total Amount Utilized for the RY under CSR (For five sub heads as mentioned)	>= 100% (5 points) >85 < 100% (3 points) >60-85% (2 points) >50-60% (1 points) < =50% (0 points)	5	

Note:- Since the DMF is a statutory obligation for every lessee and the PMKKKY is linked to the development activities in and around the mines, Part 5(a) has been linked to the CSR commitment and utilization only to have greater responsibility towards society (apart from the contribution made towards DMF).

Contribution towards Swachhatha Abhiyan/Cleanliness drive				
1	General Cleanliness of mines area (Mine working faces, dump areas, roads & ODF)	Excellent/ Moderate/ Poor	Excellent (3)/ Moderate (2)/ Poor(0)	
2	Garbage collection and appropriate disposal	Yes/No	Yes – 2/ No -0	
3	Providing drinking water for mining	Yes/No	Yes – 2 / No – 0	

	workers			
4	Awareness program among Mine workers for Swatchata	Yes/No	Yes –2 / No – 0	

PARTICULARS	DETAILS	RATING POINTS	Max Applicable Points	Points scored
Lease Level Reporting - Disclosures and Assurances				
Availability of information on SDF and related Reports on Lessee's website/Mine site/Office	Details	Yes (2 points) No(0 points)	2	

Summary of Points obtained	Applicable Maximum Marks	Marks Scored
	120	

OVERALL PERFORMANCE & STAR RATING

	Sum of Applicable Maximum Points in all Modules (a)	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100
Module	120		
% Obtained			
Star Rating			

Criteria for Star Rating:

Percentage obtained	Criteria
=>90 to 100 %	5 Star
=>80 to <90 %	4 Star
=>60 to <80 %	3 Star
=>50 to <60 %	2 Star
=>25 to <50 %	1 Star
< =25 %	No rating

CERTIFICATE

I ……., S/o …… Designation……. am authorized to fill and submit this document on behalf of lessee. it is further certified that all the above furnished information is true to the best of my knowledge and based on records.

Date:
Place:
(Name)

Lessee /Authorized person by lessee

FAQ

1 Why Star rating is required for mine management?
It is a sort of accreditation mechanism under SDF.

2 Is it compulsory for the mine management to acquire star rating?
Yes. There is a provision under MMDR Amendment Act 2015 U/s 20 A (iii) and Rule 35 of MCDR'2017.

3 Who is eligible to file online star rating of mining lease?
All mining lease holders are eligible to file for star rating.

4 How to file on-line star rating of mines?
A web page under sustainable development evaluation template is provided on IBM website www.ibm.gov.in

5 How to get your user-id and password for this purpose?
The user-id will be your IBM registration number/mines code. Example: IBM registration no. is in form IBM/XXXX/2012 please use the id as XXXX/Mine code and password shall be mailed to mines owner's registered email.

6 What is the period for which the mines data to be filed for star rating?
It is termed as Reporting Year (RY) the financial years data April – March of next year, to be filled till the 31st July of that year.

7 Will the filed data be verified?
Yes.

8 The period of validity of star rating of mines?
The star rating will be valid for one year period from the date of award.

9 What benefits the mine owner will have by star rating?
This is a national level accreditation system of SDF reporting of mines.

10 How the star rating is communicated to the mine management/lessee?
After final submission of the filled template, the provisional star rating will be accorded and its pdf filled form and provisional star rating will be communicated to the mine management at its registered email id. Final star rating will be communicated after due verification from IBM.

Annexure-XX

Show-cause Notice

Registered/Speed Post/Email

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No. *Mine code/ Lease code* *Dated:*

To**,**

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Sub : Violation of provision of Rule 35(4) of Mineral Conservation and Development Rules, 2017, in respect of your (Name of Mine) over an extent of (Area in ha) in (Name of district) district.

Sir,

The following provisions of the rule 35(4) of MCDR, 2017 were found violated in your above mine during the inspection on (date of inspection) by undersigned in presence of the mine officials Shri (Name), Designation.

Rule No	**Nature of Violations observed**
35(4)	As per this rule your above subject mentioned mine has not achieved at least four star rating within a period of two years from the date of notification of MCDR 2017 / two years from the date of commencement of mining operations,(as the case may be).

02. The rule 35(4) of MCDR is reproduced below:-

"The Regional Controller or the authorized officer of the Indian Bureau of Mines may suspend the mining operations in those mines where at least four star rating has not been achieved within a period of two years from the date of notification of these rules or two years from the date of commencement of mi9ning operations, as the case may be, after giving a show cause notice of forty five days, to qualify for star rating"

03. You are, therefore, directed to show cause within a period of 45 days from the date of issue of this letter, as to why your mining operation are not be suspended for the above offences.

04. Please note that no further notice will be given to you in this regard.

Yours faithfully

(Name of inspecting officer)
Designation
Indian Bureau of Mines

1. Copy to Controller of Mines ( ), IBM,……..
2. Copy to the DMG for information and necessary action.

Annexure-XXI

Suspension order
Registered/Speed Post/Email

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF REGIONAL CONTROLLER OF MINES

File No. Mine code/Lease code Dated:

To,

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Sub : Order of suspension of mining operations under Rule 35(4) of Mineral Conservation and Development Rules,2017, in respect of (Name of mine) in mining lease No. over (Extent of area in ha) in (Name of village) village of (Name of Taluka) taluka and (Name of district) district of (Name of state) State.

Sir,

Your above mentioned mine has been awarded 1/2/3 star based on the template filed by you under rule 32(2) of MCDR, 2017 and subsequent verification carried out by this office on ……by (Name of Inspecting officer with designation) in presence of (Name and designation)

Or

You have file star rating template in respect of your above mentioned mine having self-assessment of 1/2/3 star.

02. Accordingly show cause notice of rule of Rule 35(4) of the MCDR, 2017 was communicated to you vide this office letter of even number dated (date of show-cause notice).

03. However, it has been found that your mine has not achieved at least four star rating even after 45 days from the issue of show cause notice dated (date of show-cause notice). The reply of the show cause notice was received on dated _____, and has been considered unsatisfactory due to the reason given below "……."

4. I am of the opinion that the non-compliance of the Rule 35 of MCDR, 2017 defeats the very purpose of sustainable mining while conducting mining operation in the lease area. Therefore, by virtue of the powers conferred upon me under Rule 35(4) of MCDR, 2017, **I hereby order suspension of all mining operations in (Name of mine) in (ML/TC No.) over (extent of area in**

ha) in (Name of Taluka) taluka and (Name of district) district of (Name of state) State with immediate effect.

5. This order shall remain in force until revoked in writing after verification through inspection of compliance of the star rating requirement specified in sub-rule 4 of rule 35 of MCDR 2017 that the mine qualifies at least for four star rating.
6. After compliance of the provisions of Rule 35(4) of MCDR, 2017, you may apply to this office for revocation of this order.

An immediate acknowledgement of this order is requested.

Yours faithfully

(Name)
Regional Controller of Mines /OIC
Indian Bureau of Mines

Copy forwarded for information and necessary action to:
1) The Director, Department of Mines & Geology, (Address, District, State).
2) The District Collector, (Name of district & address), State.
3) The Director of Mines Safety, (Name of Region) Region, (Address).

Regional Controller of Mines/OIC
Indian Bureau of Mines

NOO:
Copy for kind information to:
1. The Chief Controller of Mines, Indian Bureau of Mines, Nagpur.
2. The Controller of Mines, (_____ office), Indian Bureau of Mines, _____

Regional Controller of Mines/OIC
Indian Bureau of Mines

Annexure-XXII

Field report of Individual mines/Leases for Lump fine ratio

1. Name of the Mine /Lease with address
2. Location of the mine with geo-coordinates and SOI Toposheet number
3. Geology
3.1 Physiography
3.2 Stratigraphic details
3.3 Structure
3.4 Economic ore/mineral
4. Local Geology:
4.1 Type of ores available in the mine with proportion of each type if available in the mining plan
4.2 Grades of ore available with average grade of the mine
4.3 Reserves and resource estimates
5. Method of Mining including drilling pattern, depth of holes, size of the drill holes, blast hole geometry and blasting details etc.
6. Annual production from the mine(previous five year production data from annual returns)and contribution of the mine to the total state production
7. Time series data of previous 10 years from the annual returns submitted to IBM regarding lump fine ratio:
8. Site Selection for sampling: Method adopted for selection of sampling locations, number of sampling locations with their coordinates. Description of individual sampling locations may be provided with regard to the type of ore characteristics and grade etc.
9. Sampling: Briefly describe the method used to generate the samples for screening along with the quantity of each sample and its average grade.
10. Screening: Briefly describe the method adopted for screening.
11. Results: The results may be provided in a table as given below. The final results obtained may be suitably described.

Sl. No	Sample Number and location	Location with coordinates	Wt. % of Lumps w.r.t to ROM	Wt.% of fines w.r.t to ROM	Total	Average grade
(1)	(2)	(3)	(4)	(5)	(6)	

12. Conclusion:

(The format & tables may be suitably modified as may be applicable)

Annexure-XXIII

FORMAT FOR THE FINAL REPORT FOR LUMP FINE RATIO FOR THE STATE……..

1.0 Executive summary

2.0 Scope and objective of the study

3.0 General Geology

3.1 Physiography

3.2 Stratigraphy

3.3 Regional Geology

3.4 Structure

4.0 Mining Method

5.0 Production profile of the mineral for the previous five years for all working mines

6.0 Time series data of previous 10 years from the annual returns submitted to IBM regarding lump fine ratio for all the working mines

7.0 Criteria of selection of Mines

8.0 Sampling and analysis

9.0 Results & Discussion

10.0 Conclusion

11.0 Specific Recommendations for the State

12.0 Acknowledgement:

LIST PLATES

I. Key plan showing the distribution of leases in the state in suitable scale

II. Surface geological/development plan showing the location of the faces from where samples were drawn for the study (Plans for all the mines covered under the study to be included in the report).

(The format & tables may be suitably modified as may be applicable)

LIST OF TABLES

1. Table showing the list of all working non-working mines for the state with previous five year production details

Sl. No	Name of Mine	District	Production during previous five years (in Million tonnes)					Total production in five years	Average production	Contribution to the total state production in %
			2011-12	2012-13	2013-14	2014-15	2015-16			

2. List of Mines selected for the study

Sl. No	Name of Mine	District	Contribution to the total state production in %
Total contribution to the state production			

3. Time series data on lump fine ratio from the annual returns for all the working mines

4. Mine wise result of the Lump to fine ratio in ROM

Sl. No	Name of Mine	Average production during previous five years (in Million tonnes)	Wt. % of Lumps w.r.t to ROM	Wt.% of fines w.r.t to ROM	Proportional contribution of lumps to the total production in all the mines combined (3)X(4)/Total production	Proportional contribution of lumps to the total production in all the mines combined (3)X(5)/Total production
(1)	(2)	(3)	(4)	(5)	(6)	
Total						

Signatures of all the team members of concerned State Govt. and Central Govt. involved in the above study.

(Representative of State Govt.)
……..State

(Regional Controller of Mines/OIC)
……Regional Office

Annexure-XXIV

JOINT TASK FORCE INSPECTION REPORT ON _____ MINES OF _____CARRIED OUT ON Dt_____

1. Name of the Mine: Category:
   (With Category as per MCDR)
   Registration No. allotted by IBM:

2. Name of the Owner

3. Location: Village: Tehsil: District:
4. Area (Ha) Total: Forest: Non-Forest:
   DLC:
5. Period of Lease: Date of Execution w.e.f. Date of expiry:
6. Status of Working: Whether working:

7. Statutory Clearances:
   Mining Plan/ Scheme of Mining: Date of approval:
   Last approved: Valid up to:
   Forest Clearance: Date of Stage II Clearance:
   Area cleared (Ha):
   NPV deposited (Y/N):
   If yes, Amount (Rs.):
   If no, Reasons thereof:
   Environment Clearance: Date of approval:
   (if applicable) Quantity of Production allowed (MT):

   Consent to operate: Date of consent:
   By OSPCB Valid up to:

8. Boundary conditions:
   a. Whether all boundary pillars posted with DGPS co-ordinates/maintained:
   b. Whether all surface right area pillars posted with DGPS co-ordinates /maintained:
   c. Whether all forest area pillars posted/maintained:

9. Geology and Exploration:
   a. Whether reserve assessment is as per UNFC :
   b. Whether proposed exploration as per Approved MP/RMP/MMP carried out :
   c. Additional reserve established :
   d. Investment /cost incurred towards exploration/ stope developments (like drives/raised/winzes etc.) :

10. Mining Operations:
   a. Whether excavation is in consonance with mining plan; if not, reasons of deviation/ action initiated:
   b. Whether disposal of waste is in consonance with mining plan; if not, reasons of deviation/ action initiated:
   c. Whether stacking of sub-grade mineral is in consonance with mining plan; if not, reasons of deviation/ action initiated:

d. Whether stacking of mineral rejects is in consonance with mining plan; if not, reason of deviation/ action initiated:
e. Whether stacking/ concurrent usage of top soil is in consonance with mining plan; if not, reason of deviation/ action initiated:
f. Whether toe burden and garland drains are maintained properly; if not the reason/ action initiated:
g. Whether working outside the leasehold area; if so, action initiated:
h. Whether working outside the surface right area; if so, action initiated:
i. Whether working inside the safety zone area; If so, action initiated:

11. Conservation and development of minerals:

a. Efforts made towards beneficiation/utilization of low grade/ sub grade ore / mineral rejects
b. Efforts made towards beneficiation/ utilization/ of tailings/ fines or recovery of minerals from old dumps/

12. Drilling and Blasting:

a. Whether approved drilling and blasting method followed; if not, reasons thereof/ action initiated:
b. Whether magazine established; if not, source of procurement of explosives:
c. Whether using explosive under an explosive license; if yes, license number, date of issue and validity; if not, reasons thereof/ action initiated:

13. Environmental Management: Whether EMP implemented:

If not, deviations thereof/ action initiated:

14. Employment of statutory personnel (If not, action initiated):

Name: Qualification with Years of experience:

Manager:
Mining engineer:
Geologist:

15. Whether production exceeded the allowed quantity in the approved mining plan/scheme/EC/ Consent to operate from SPCB during last 5 years, whichever is minimum:

16. If yes, reasons thereof/ action initiated:

17. No. of persons (Other than statutory) employed:

Type	Skilled		Semi-skilled		Unskilled		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Departmental								
Contractual								

18. General Observations (on performance of the mine):

19. Actions initiated, if any, at the spot:

20. Recommendations made through email/fax to the Regional Controller of Mines/ OIC of the region where mine falls for immediate actions, as the case may be:

Representatives of:

Forest Department	Director of Mines	Indian Bureau of Mines
Name:	Name:	Name:
Designation:	Designation:	Designation:

Annexure-XXV

Inspection Report on Illegal Mining References received from CCOM, IBM

S. No.	Points	Reply
1.	Details of inspection conducted:	
(a)	Inspection conducted by (name and telephone number of IBM officers)	
(b)	Inspection date	
(c)	Whether complainant consulted / associated during inspection	
(d)	State Government officials / Departments associated (name, designation and telephone number of officials associated):	
(e)	No. of inspections undertaken:	
2. (a)	Whether illegal mining detected/observed/inferred in terms of Section 4(1) & 4(1A) of MMDR Amendment Act'2015:	
(b)	If yes, details pertaining to illegal excavation dimensions (LXBXD) with co-ordinates, if possible	
(c)	If yes, quantity, grade and value of mineral illegally mined (as assessed during inspection):	
(d)	Whether a concession holder was involved in illegal mining (if so, details of concessionaire):	
(e)	If no, whether the complainant was informed in writing by the inspecting officers:	
3.	In case illegal mining was detected/ observed/ inferred:	

(a)	**Action taken by State Govt.:**	
	(i) To arrest illegal miners: **(ii) To seize equipments/material:** **(iii) To launch prosecution:** **(iv) Any other action:**	
(b)	**Action taken by IBM:**	
	(i) In case illegal mining by a lease holder, whether IBM has suspended mining operation of lease holder under Rule 11(2) of MCDR'2017 **(ii) Prosecution launched.** **(iii) In case illegal mining by a non-lease holder, whether IBM has written to State Govt. to take immediate action** **(iv) Whether DGMS informed in writing** **(v) Whether State Pollution Control Board/ Forest authorities informed** **(vi) Whether local Panchayat/ Municipality informed**	
4.	**Recommendations of IBM**	
5.	**Any other comments:**	

(Name of the Inspecting Officer)
Designation

Annexure-XXVI

REPORT ON CHECK UP INSPECTION OF …….MINE OF ……..(OWNER) SITUATED IN VILLAGE……,TEHSIL……,DISTRICT……,STATE……..

File No: Mine code/ Lease code……

Name & Designation of the Inspecting Officer:

Date of inspection:

1. **General Information about the Mine:**

(i). Mine Name :
(ii). Owner
(iii). Nominated owner
(iv). Mining Engineer
(v). Geologist
(vi). Agent
(vii). Mines Manager
(viii). Lease Area
(ix). Location
(x). Lease Period
(xi). Date of Expiry
(xii). Date of Approval of Mining Plan
(xiii). Date of Approval of Modification/Review of Mining Plan/Mining Scheme/FMCP etc.
(xiv). Period of Mining Plan/Mining scheme/FMCP

2. **Status of compliance of MCDR'2017 during the last 3 years:**

SN	Date of Inspection	Name of Inspecting Officer	Violation of MCDR,1988/2017 Observed & pointed out	Rectification of violation	Remarks

3. **Observations/ remarks on the earlier inspection carried out by sub-ordinate officer(s) with specific thrust on systematic and scientific mining, mineral conservation and environmental protection and other sensitive/important aspects pertaining to the mine area or surroundings (CRZ/ Western Ghats/ Wildlife Sanctuaries etc.):**
    1) Name of inspecting officer:
    2) Date and Type of inspection:
    3) Observations/Remarks w.r.t. the inspection carried out by the sub-ordinate officer(s) and shortfalls in the inspection report, if any, thereof:

4. **Communication / Direction(s) issued to the concerned RCOM/ IO based on the check-up inspection for further necessary action accordingly:**

Place:

Signature

Date

Annexure-XXVII

Violation letter
Registered/Speed Post/Email

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No. Mine code/Lease code Dated:

To**,**

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)

Address for communication

Sub : Violation of provisions of Mineral Conservation and Development Rules, 2017, in respect of your (Name of Mine) over an extent of (Area in ha) in (Name of district) district.

Sir,
The following provisions of the MCDR, 2017 were found violated in your above mine during the inspection on (date of inspection) by undersigned in presence of the mine officials Shri (Name), Designation.

Rule No.	Nature of Violations observed

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 62 of Mineral Conservations and Development Rules, 2017.
03. The mining operations can be suspended under rule 11(2), if compliance of rule 11(1) is not found satisfactory.
04. You are advised to rectify the above violations immediately and intimate the position to this office within 45 (Forty Five) days from the date of issue of this letter.

Yours faithfully
(Name of inspecting officer)
Designation
Indian Bureau of Mines

Copy forwarded to :
1. The Controller of Mines (NZ/CZ/SZ/EZ), Indian Bureau of Mines, Udaipur/Nagpur/Bangalore/Kolkata.
2. The Director, Department of Mines & Geology, Government of (Name of state) and address.

(Name of inspecting officer)
Designation
Indian Bureau of Mines

Annexure-XXVIII

Show-cause letter

Registered/Speed Post/Email

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No. Mine code/Lease code *Dated:*

To**,**

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Sub: Violation of provisions of Mineral Conservation and Development Rules, 2017, in respect of your (Name of Mine) over an extent of (Area in ha) in (Name of district) district.

Sir,

Undersigned inspected your above mine on (date of inspection) in presence of the mine officials Shri (Name), Designation and violation letter of even number dated (date of violation letter) was issued for below mentioned rules of Mineral Conservation & Development Rules, 2017.

Rule No	Nature of Violations observed

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 62 of Mineral Conservations and Development Rules, 2017.

03. The mining operations can be suspended under rule 11(2), if compliance of rule 11(1) is not found satisfactory.

04. You are, therefore, directed to show cause within a period of 30 days from the date of issue of this letter, as to why you should not be prosecuted for the above offences.

05. Please note that no further notice will be give to you in this regard.

Yours faithfully

(Name of inspecting officer)
Designation
Indian Bureau of Mines

3. Copy to Controller of Mines ( ), IBM, …….
4. Copy to the DMG for information and necessary action.

Annexure-XXIX

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of the Mine	
2	Name and Designation of the Inspecting Officer	
3	Name and Designation of the Accompanying Official	
4	Date of Inspection	
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area (ha) (i) Forest Land (ha) (ii) Private Land (ha) (ii) Revenue land (ha) (iv) Others, if any(Specify)
6	Mine code / ***Lease code***	
7	IBM Registration Number under rule 45 of MCDR, 1988	
8	Name of the lessee, Address, phone, email and fax number	
9	Village	
10	Taluka/Mandal	
11	District	
12	Pin code	
13	State	
14	Post office	
15	Nearest police station	
16	Nearest Railway station	
17	Date of Grant of Mining Lease	
18	Date of Execution	
19	Date of opening of Mine	
20	Date of expiry of Lease	
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
25	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	

27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	
28	Mineral(s) granted in lease deed	
29	Method of Mining(Opencast, Underground, Dump Mining)	***Drop Down menu***
30	Category (Fully Mechanized, Others or Manual)	
31	Captive/Non Captive	

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Exploration for the year 20xx			
	(iv) Boreholes: ➢ No.- ➢ Meterage-			
	(v) Pits:			
	(vi) Trenches:			
	(iv) Any Other (specify):			
1b	Exploration Agency & Expenditure in lakh Rupees during the year			
1c	Lateral exploration status for the lease area	G1	G1	
		G2	G2	
		G3	G3	
		G4	G4	
		Unexplored Area:	Unexplored Area:	
		Non-Mineralized Area:	Non-Mineralized Area:	
1d	Vertical exploration status for the lease area (depth from surface in meter alongwith lowest mRL)	G1:	G1:	
		G2:	G2:	
1e	Future exploration Proposals (in terms of Rule 12(3) & (4) of MCDR'2017)			
	(i) Boreholes: ➢ No.- ➢ Meterage-			
	(ii) Pits:			

	(iii) Trenches:			
	(iv) Any Other (specify):			
1f	Average Grade of the Mineral(s)	As reported in the last approved plan	Actual as per Annual Return for the year	
1g	UNFC category wise reported resources/ reserves as per the last approved plan	111- 121- 122- 211- 221- 222- 331- 332- 333- 334- Total		
1h	General remarks of inspecting officer on geology, exploration, adequacy of future exploration proposals, method of estimation of resources, explored depth in the lease area *vis-a-vis* explored depth at regional level etc.			

Development (Opencast) (If selected Opencast in the Drop Down Menu above)

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area			
2b	Additional area required for pit development			
2c	Status of Mineralized Area			
	(i) Under Pits/ Excavations			
	(ii) Under any other Mining or Allied Activity (specify)			
	(iii) Undisturbed Area			
2d	Status of Unexplored Area			
	(i) Under Pits/ Excavations			
	(ii) Under any other Mining or Allied Activity (specify)			
	(iii) Undisturbed Area			
2e	Number and size of Pits under Development	….Pits Pit-1- …….Ha Pit-n- …….Ha		
2f	Number of Benches			
	➢ Top Soil:			
	➢ Overburden:			
	➢ Ore:			

	➢ Waste:			
2g	Bench Height			
	➢ Top Soil:			
	➢ Overburden:			
	➢ Ore:			
	➢ Waste:			
2h	Depth of the deepest working from surface			
2i	Separate benches in topsoil, overburden and mineral (Rule 13)			
2j	Stripping ratio or ore to OB ratio			
2k	Quantity of topsoil generation in m3			
2l	Quantity of overburden/waste generation in m3			
2m	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

Development (Underground) (If selected Opencast in the Drop Down Menu above)

SN	Item	Proposals	Actual work	Remarks
2a	Mode of Entry	Shaft/ Adit/Incline/Decline		
2b	Number of Openings and their Usage			
2c	Method of Working			
2d	Vertical Development (in Meter)			
	(i) Shaft			
	(ii) Incline/Decline/Ramp			
	(iii) Raises/ Winzes			
2e	Horizontal Development (in Meter)			
	(i) Adit			
	(ii) Haulage			
	(iii) Cross-Cut			
	(iv) Ore-Drive/Levels			
2f	Number of stopes under development during the year			
2g	Number of Levels			
2h	Level Interval (in Meter)			
2i	Depth of the deepest working from surface (in Meter)			
2j	Quantum of Ore Generated while Development during the year (in T)			
2k	Ore Recovery in the development			

2l	Quantity of topsoil generation in m3			
2m	Quantity of waste generation in m3			
2n	General remarks of inspecting officer on development w.r.t. type of deposit etc.			

Exploitation (Opencast) (If selected Opencast in the Drop Down Menu above)

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production and size if each pit (in Ha)	….Pits Pit-1- …….Ha Pit-n- …….Ha		
3b	Quantity of ROM mineral production (in T)			
3c	Recovery of salable/usable mineral from ROM production			
3d	Quantity of mineral reject generation (in T)			
3e	Grade of mineral reject generation			
3f	Manual / Mechanized method adopted for segregating mineral reject from ROM			
3g	Any analysis or beneficiation study proposed & carried out for mineral and reject			
3h	Provision of drilling & blasting in mineral benches			
3i	Provision of mining machineries in mineral benches			
3j	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP			
3k	Production of ROM mineral during last five-year period, as applicable			
3l	General remarks of inspecting officer on method of mining etc.			

Exploitation (Underground)

SN	Item	Proposals	Actual work	Remarks
3a	Number of levels for production			
3b	Number of stopes for production			
3c	Quantity of ROM mineral production from stopes			
3d	Recovery of salable/usable mineral from ROM production			
3e	Total Production (Development + stopes)			

SN	Item	Proposals	Actual work	Remarks
3f	Overall recovery			
3g	Quantity of mineral reject generation			
3h	Grade of mineral reject generation and threshold value declared			
3i	Manual / Mechanized method adopted for segregating mineral reject from ROM			
3j	Any analysis or beneficiation study proposed & carried out for mineral reject			
3k	Provision of drilling & blasting			
3l	Provision of mining machineries underground			
3m	Production of ROM mineral during last five-year period, as applicable			
3n	General remarks of inspecting officer on method of mining, recovery etc.			

Exploitation (Dump Working)

SN	Item	Proposals	Actual work	Remarks
3a	Number of dumps proposed for production			
3b	Quantity of material handling			
3c	Recovery of salable/usable mineral from dump production			
3d	Production from dump(s) during the year			
3e	Quantity of mineral reject generation			
3f	Grade of mineral reject generation and threshold value declared			
3g	Any analysis or beneficiation study proposed & carried out for mineral reject			
3h	Manual / Mechanized method adopted for dump working			
3i	Provision of mining machineries in dump working			
3j	Production of mineral during last five-year period, as applicable			
3k	General remarks of inspecting officer on Dump Mining			

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule			

	36,37)							
4b	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines							
4c	Number of dumps within lease area							
	➢ Top Soil	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Overburden/ Waste	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Mineral Rejects	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Fines	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
	➢ Tailings	No.	Area (ha)	Volume of Material (cuM)	No.	Area (ha)	Volume of Material (cuM)	
4d	Location of dumps in terms of Rule 14 (Separate stacking for non-saleable minerals, Location w.r.t. Ultimate Pit Limit, separate stacks should not be allowed to mix with Overburden or Waste and the area selected to be proved for no underlying deposits)							
4e	For Underground, Percentage of Waste brought to the surface							
4f	Number of active & alive dumps							
4g	Number of dead dumps							
4h	Number of dumps stabilized							
4i	Stabilization Technique (Terracing, plantation, geo-textiles etc.)							
4j	Whether Retaining wall or garland drain all along dumps are there							
4k	Length of Retaining wall or garland drain all along dump							
4l	Number of settling ponds							
4m	Specific comments of inspecting officer on the management of Non-saleable Minerals, protective and rehabilitative measures etc.							

Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling			
5b	Area under backfilling of mined out area			
5c	Details of Mineral rejects Backfilled			
	➢ Area (ha)			
	➢ Height (m)			
	➢ Quantity (cuM)			
	➢ Grade:			
	➢ Location (dd mm ss)			
5d	For Underground, Percentage of Waste backfilled underground itself			
5e	For Underground, number of exploited stopes under filling/stowing			
5f	For Underground, number of exploited stopes abandoned after filling			
5g	Total area fully reclaimed & rehabilitated			
5h	General remarks of inspecting officer on backfilling, reclamation etc			

Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Total area put in use under different heads at the end of year			
6b	Whether Annual report on PMCP submitted on time and correctly – Rule 26(2)			
6c	Reclamation and Rehabilitation of Waste/ OB Dump during the year			
	i) Area reclaimed and rehabilitated			
	ii) Method of Stabilization/rehabilitation			
	iii) Afforestation done (ha)			
	iv) No. of saplings planted during the year			
	v) Cumulative no. of plants			
	vi) Survival Rate			
	vii) Cost incurred on watch & care during the year			
6d	Management of worked/mined out benches			
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)			

SN	Item	Proposals	Actual work	Remarks
	iii) No. of saplings planted during the year			
	iv) Cumulative no. of plants			
	v) Survival Rate			
	vi) Any other specific method of rehabilitation			
	vii) Cost incurred on watch & care during the year			
6e	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L X B X D)			
	ii) Void filled by waste/ OB (Area X H)			
	iii) Void filled by mineral rejects/tailings (Area X H)			
	iv) Afforestation on the backfilled area			
	➢ Number of Saplings Planted During The Year			
	➢ Cumulative			
	➢ Survival			
	v) Rehabilitation by making water reservoir / Pisciculture (Area Ha)			
	vi) Capacity of Water Reservoir (cuM)			
	vii) Any other specific means			
6f	Compliance of Rehabilitation of waste land/ Non-Mineralized land/ Barren Land/ Non-Mining Zone of 7.5 m within lease			
	i) Afforestation			
	➢ Number of Saplings Planted During The Year			
	➢ Cumulative			
	➢ Survival			
	ii) Any other method of rehabilitation such as creation of picnic spots etc.			
	iii) Area rehabilitated (ha)			
6g	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	Cut-off for the mineral(s) for the year in the lease area			

7b	ROM Mineral dispatch or grade-wise sorting within lease area			
7c	Method of grade-wise or size-wise mineral sorting i.e. manual or mechanical			
7d	Different grade of mineral sorted out at mines	As reported in the Approved MP	As reported in the Annual Return	
7e	Any beneficiation process at mines within lease area			
7f	For Underground, compliance of Rule 16 (Sub-grade mineral is below cut-off value for the lease)			
	➢ Sub-grade generation			
	➢ Sub-grade brought to the surface			
7g	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)			
7h	Overall recovery from ROM considering salable ore recovery and utilization of Mineral rejects/Sub-grade			
7i	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Sustainable Mining

SN	Item	Proposals	Actual work	Remarks
8a	Star Rating of Mines in the Preceding Year			
8b	Separate removal of topsoil (Rule 36)			
8c	Concurrent use or storage of topsoil			
8d	Precautions against Air Pollution (Rule 40)			
8e	Water Quality Management:			
	(i) Whether any mine water discharge is allowed without treatment			
	(ii) Number of Check Dams			
	(iii) Number of Setting Tanks			
	(iv) Number of Rainwater harvesting pits			
	(v) Percentage of water recycled			
8f	Tailings and Tailing Dam Management:			
	(i) Whether any damage to ground water quality observed due to tailings stack			
	(ii) Whether any seepage observed from			

	tailings dam			
	(iii) Comments on management of tailings stacks and tailings dam			
8g	Environmental Monitoring:			
	(i) Air			
	(ii) Water			
	(iii) Noise			
	(iv) Ground Vibration			
8h	Surface Subsidence (for underground mines) (Rule 39)			
8i	Hazardous Waste or Toxic Liquid discharge, if any, in terms of Rule 41			
8j	Mitigative measures for Hazardous Waste or Toxic Liquid discharge, if any			
8k	Any major damage to flora (with reference to baseline information on environment) in terms of Rule 44			
8l	Usage of renewable/ green energy sources			
8m	Any exemplary observation towards sustainable mining			
8n	General remarks of inspecting officer on Sustainable Mining			

MCDR Compliance

SN	Item	Comments	Remarks
9a	Status of online submission of Monthly and Annual returns	M.R. Submitted upto ---------- A.R. submitted upto ----------	

SN	Item	Observation of I/Officer	Remarks
9b	Whether incomplete or false or wrong returns submitted (Rule 45 (7))	Incomplete Information: False information:	
9c	Status of Approved Mining Plan (Rule 11 (3) & (4))		
9d	Validity of FA (Rule 27)		
9e	Notices and Returns for the lease area submitted or not		
9f	Employment of Mining Engineer, Geologist and Manager (in terms of Rule 55)		

Proposal for Further Action for:

SN	Item	Comments / Recommendations
10a	Central Government	
10b	State Government	

10c	IBM	

Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

(Name of inspecting officer with designation and date)

Annexure-XXX

Suspension order
Registered/Speed Post/Email

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF REGIONAL CONTROLLER OF MINES

File No. Mine code/Lease code Dated:

To,

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Sub : Order of suspension of mining operations under Rule 11(2) of Mineral Conservation and Development Rules,2017, in respect of (Name of mine) in mining lease No. over (Extent of area in ha) in (Name of village) village of (Name of Taluka) taluka and (Name of district) district of (Name of state) State.

Sir,

Please refer to the inspection of your above mentioned mine carried out by (Name of inspecting officer), (Designation) of this office on (Date of inspection) accompanied by (Name of mine officials)).

It was found during the inspection that the mining operations in the lease area were carried out against the proposals of approved mining plan and thereby, violating the provision of Rule 11(1) of the MCDR, 2017. The mining plan/modified mining plan/review & updation of mining plan was approved vide letter no. dated and following deviations were observed during inspection.

S.N.	Nature of deviations observed from the approved mining plan/ modified mining plan/review & updation of mining plan

02. Violation of Rule 11(1) of the MCDR, 2017 was communicated to you vide this office violation cum show cause notice of even number dated (date of show-cause letter).

03. However, it has been found that you have not rectified the violation even after 30 days from the issue of violation cum show cause letter dated (date of show-cause letter). The reply against the violation cum show cause notice was received on dated _____ . It was considered and not found suitable for compliance of rule 11(1).

5. I am of the opinion that the non-compliance of the Rule 11(1) of MCDR, 2017 defeats the very purpose of systematic development of mines, conservation of minerals and protection of environment. Therefore, by virtue of the powers conferred upon me under Rule 11(2) of MCDR, 2017, **I hereby order suspension of all mining operations in (Name of mine) in (ML/TC No.) over (extent of area in ha) in (Name of Taluka) taluka and (Name of district) district of (Name of state) State with immediate effect**.

7. This order shall remain in force until revoked in writing. After compliance of the provisions of Rule 11(1) of MCDR, 2017, you may apply to this office for revocation of this order.

An immediate acknowledgement of this order is requested.

Yours faithfully

(Name)
Regional Controller of Mines/OIC
Indian Bureau of Mines

Copy forwarded for information and necessary action to:
1) The Director, Department of Mines & Geology, (Address, District, State).
2) The District Collector, (Name of district & address), State.
3) The Director of Mines Safety, (Name of Region) Region, (Address).

Regional Controller of Mines/OIC
Indian Bureau of Mines

NOO:
Copy for kind information to:
3. The Chief Controller of Mines, Indian Bureau of Mines, Nagpur.
4. The Controller of Mines, (_____ office), Indian Bureau of Mines, _____

Regional Controller of Mines/OIC
Indian Bureau of Mines/OIC

Annexure-XXXI

Regd./Speed Post/Email

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No: Dated:

To

The Director
Directorate of Mines and Geology
Government of……..

Sub.:- Recommendation to the State Government for termination of mining leases under Rule 12(10) of Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016---Regarding

Sir,

In connection with aforesaid subject, it is to inform that based on the non-compliance of the provisions of Rule 11(1)/35(4) of MCDR, 2017, this office has issued the suspension of mining operations under Rule 11(2)/35(4) of MCDR, 2017 on dated in respect of (Name of Mines) of (Lessee) in (Name of State) with endorsement to your good –office

Lessee has failed to comply the order of suspension of mining operation under rule 11(2)/45(7) even after giving him reasonable time of 90 days.

In view of above, I hereby recommend the case as listed below for initiation of termination of mining leases under Rule 12(10) of Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016

Sl.No.	Mine Name	Owner Name	ML No./ Mine code/Lease code	Area
1.				

Yours faithfully,

(Name of Regional Controller/OIC)
Regional Controller of Mines/OIC

Copy forwarded kind information to:

1. Chief Controller of Mine Indian Bureau of Mine, Nagpur.
2. Controller of Mine (CZ/NZ/SZ/EZ) Indian Bureau of Mine, Nagpur/Udaipur/Banglore/Kolkata.

(Name of Regional Controller/OIC)
Regional Controller of Mines/OIC

Annexure-XXXII
Violation letter
Registered/Speed Post/Email

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES

File No. Dated-

To,
Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Subject : Violation of provisions of Mineral Conservation and Development Rules, 2017 in respect of your…….Mine in ……..district of…… State.

Sir,

On examination of this office records, it is observed that the following provisions of Mineral Conservation and Development Rules, 2017 (MCDR, 2017), is violated in respect of your above referred mine.

Rule No.	Nature of violations observed
45(5)	The holder of mining lease shall submit online returns in respect of each mine to the Regional Controller or any other authorized official of the Indian Bureau of Mines in the following manner, namely:- (d) a daily returns which shall be submitted through in electronic form through the application developed by the Indian Bureau of Mines, by 1800 hours of the third day following the day of reporting, which may be edited before the time deadline provided in this regard; (e) a monthly return which shall be submitted before the tenth of every month in respect of the preceding month in electronic form along with a signed print copy of the same if it is not digitally signed in the respective form as indicated below:- for all minerals except copper, gold, lead, pyrite, tin, tungsten, zinc, precious and semi-precious stone, in Form F1 of the Schedule; for copper, gold, lead, pyrite, tin, tungsten and zinc, in form F2 of the schedule; and for precious and semi-precious stones, in Form F3 of the Schedule; (f) a annual return which shall be submitted before 1st day of July each year for the preceding financial year in electronic form along with a signed print copy of the same if it is not digitally signed in the respective form as indicated below:- (a) for all m minerals except copper, gold, lead, pyrite, tin, tungsten, zinc, precious and semi-precious stone, in Form G1 of the Schedule; iv. for copper, gold, lead, pyrite, tin, tungsten and zinc, in form G2 of the schedule; and

	v. for precious and semi-precious stones, in Form G3 of the Schedule;
	However, it is observed that, you have not submitted daily returns through in electronic form through the application developed by the Indian Bureau of Mines, by 1800 hours of the third day following the day of reporting.

	However, it is observed that, you have not submitted monthly returns for the month of from…….onwards in Form F1/F2/F3. *However, it is observed that, you have not submitted Annual returns for the year ……. in Form G1/G2/G3 .* *These violations may lead to suspension of all mining operations as well as termination of mining lease and prosecution of the owner, agent and manager.*

2. In this connection, it is brought to your notice that, the violation of said rules constitutes an offence punishable under Rule 62 of MCDR, 2017 and if the above rules are not complied; The Regional Controller of Mines may advise to State Government to take following action under rule 45(7)(a):

(i) order suspension of all mining operations in the mine and to revoke the order of suspension only after ensuring proper compliance;

(ii) take action to initiate prosecution under these rules;

(iii) recommend termination of the mining lease, in case such suppression or misrepresentation of information indicates abetment or connivance of illegal mining;

3. You are advised to rectify the above violations immediately and intimate the position to this office within 45 (Forty Five) days from the date of issue of this letter.

Yours faithfully

(Name of Officer)
(Designation)
Indian Bureau of Mines

Copy for information and necessary action to:

1. The Controller of Mines (Zone Name), Indian Bureau of Mines, (Location of office) for kind information.
2. The Commissioner/Director, Directorate of Geology & Mining, Govt. of (Name of state), Address with pincode.
3. The MMS Division, IBM, Nagpur
4. Return File

(Name of Officer)
(Designation)
Indian Bureau of Mines

Annexure-XXXIII

Regd./Speed Post/Email

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No: Dated:

To

The Director
Directorate of Mines and Geology
Government of……..

Sub.:- Advise to the State Government under Rule 45(7)(a) of Mineral Conservation and Development Rules, 2017---Regarding

Sir,

In connection with aforesaid subject, it is to inform that based on the non-compliance of the provisions of Rule 45(5) of MCDR, 2017, this office has issued violation letter giving 45 days for compliance followed by show cause notice giving 30 days for compliance with endorsement to your good –office in respect of mines listed below in table.

Following Lessees have failed to comply the violations of rule 45(5) of MCDR 2017 even after giving them reasonable time of 30 days after show cause notice.

Sl. No.	Mine Name	Owner Name	ML No./ Mine code/Lease code	Lease Area	Date of Violation letter	Date of show cause notice

In view of above, I hereby advise to the State Government under Rule 45(7) (a) of Mineral Conservation and Development Rules, 2017 to take following action in respect of above mines:

Order suspend of all mining operations in the mine and to revoke the order of suspension only after ensuring proper compliance.

or

Take action to initiate prosecution under these rules.

or

Recommend termination of mining lease, in case such suppression or misrepresentation of information indicates abetment or connivance of illegal mining.

Yours faithfully,
(Name of Regional Controller/OIC)
Regional Controller of Mines/OIC

Copy forwarded kind information to:

1. Chief Controller of Mine Indian Bureau of Mine, Nagpur.
2. Controller of Mine (CZ/NZ/SZ/EZ) Indian Bureau of Mine, Nagpur/Udaipur/Banglore/Kolkata.

(Name of Regional Controller/OIC)
Regional Controller of Mines/OIC