

F.N. 31/4/2016-M.III
Government of India
Ministry of Mines

New Delhi, dated the 30th January, 2018

To

The Principal Secretary,
All Major/Minor Mineral States (As per list enclosed)

Sub: Introduction of Star rating for Minor Minerals

Sir,

A system of "Star Rating" of mines in respect of 'major minerals' has been implemented by the Ministry of Mines, Government of India. The rating is given to mines of major minerals for the efforts and initiatives taken for implementation of the Sustainable Development Framework (SDF). One to five stars are given to the mines, with five star being allotted to the best performing mines. 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.

2. States have agreed to implement the system for minor minerals as well. State Governments need to notify their mechanism for awarding "star rating" of mines for minor minerals in their States on similar lines as that of major minerals. A draft Template so prepared in this regard after wide consultation is enclosed at Annexure-I for guidance. The general instructions for filling up of self assessment template are enclosed as Annexure-II.

3. State Governments are further advised to adopt the template with modification as they may feel necessary and notify them in their Minor Minerals Concession Rules and Regulations. This will enable the State Government to institutionalise a statutory mechanism for ensuring sustainable mining which addresses the concerns on environment and socio-economic issues in the mining sector, through a Sustainable Development Framework.

Yours faithfully,

Sd/-
(Niranjan Kumar Singh)
Joint Secretary to the Govt of India
Phone-011-23384886 E-mail: jse-mines@nic.in

Encl: Annexure-I & II.

Copy to Director (Mines & Geology) of all major and minor mineral States with a copy of enclosures (as per list enclosed)

SELF-ASSESSMENT TEMPLATE FOR STAR RATING OF MINES OF MINOR MINERALS

REPORTING YEAR (RY): _____

PART- A: GENERAL INFORMATION

| S.N. | Particulars | Details | | | |
|------------------------|--|---|---|--|--|
| LEASE DETAILS | | | | | |
| 1 | Unique lease ID allotted by the State Government for lease | | | | |
| 2 | Lease Boundary Coordinates (Latitudes & Longitudes) | Latitudes <input type="text"/> <input type="text"/> <input type="text"/> | Longitudes <input type="text"/> <input type="text"/> <input type="text"/> (more maybe added, as per need) | | |
| 3 | Khasra /Survey Numbers | | | | |
| 4 | Taluka/ tehsil | | | | |
| 5 | Village | | | | |
| 6 | District | | | | |
| 7 | State | [Drop down menu] | | | |
| 8 | Total Lease Area (ha) (i) Forest Land (ha) (ii) Private Land (ha) (iii) Revenue land (ha) (iv) Pasture land (ha) (v) Others, if any (Specify) (ha) | | | | |
| 9 | Mineral(s) | Space for five minerals and 'others' [Drop down menu] | | | |
| 10 | Total Resources Available in the Lease Area (Mineral-wise) (tonnes) | Space for five minerals [numerical text] | | | |
| 11 | Lease Period (From - To) | dd/mm/yyyy to dd/mm/yyyy | | | |
| LESSEE DETAILS | | | | | |
| 12 | Name (In case of Company or partnership firm, please provide the name of the Company / partnership firm along with name of Managing Director or Managing Partner, as the case may be / Name of the proprietor in case of proprietary firm) | | | | |
| 13 | Type of lessee (Person/ Company / partnership firm/ other) | [Drop down menu] | | | |
| 14 | Address | | | | |
| 15 | Mobile Number | | | | |
| 16 | Email address | | | | |
| WORKING DETAILS | | | | | |
| 17 | Method of Mining (Opencast/ Underground/Opencast & Underground/ Quarry) | Drop down menu with all three options | | | |
| 18 | Status of the lease on date of filing (Working/ Temporary Discontinuance/ Non-working/ Under suspension) | [Drop down menu] | | | |
| 19 | No. of working days during Reporting Year | | | | |
| 20 | No. of days of temporary discontinuance during Reporting Year | | | | |
| 21 | No. of days under suspension during Reporting Year | | | | |
| 22 | Name and contact details of the Agent/ Manager responsible to ensure filing for Star Rating Template (For the purpose owner may nominate himself as a Agent/ Manager | | | | |

| APPROVALS / CONSENT OBTAINED FROM GOVT. AGENCIES | | |
|---|---|--|
| 23 | Details of Approved Plan Document (Quarry Plan/Mine Plan/Scheme of Mining) by the State Govt. | Validity (up to dd/mm/yyyy) and Quantity approved. |
| 24 | Details of Environment Clearance Obtained | Validity (up to dd/mm/yyyy) and Quantity approved. |
| 25 | Details of SPCB Approvals received | Validity (up to dd/mm/yyyy) and Quantity approved. |
| 26 | Details of Forest Clearance obtained ,If applicable | Validity (up to dd/mm/yyyy) |

CONTRIBUTION TO GOVT EXCHEQUER DURING REPORTING YEAR (In Rs.)

| | Amount due | Amount paid |
|----|--|-------------|
| 27 | Royalty Paid | |
| 28 | Dead Rent Paid | |
| 29 | Contribution to DMF, if applicable | |
| 30 | Contribution to State Exploration trust, if applicable | |

PART- B: SUSTAINABLE MINING

(Total Points 100)

| Particulars | Details (To be filled up by Lessee) | | Rating Points | Applicable Max Points | Points scored | | |
|---|---|-----------------------------------|---|-----------------------|---|--|--|
| MODULE-I | | | | | | | |
| SYSTEMATIC AND SUSTAINABLE MINING | | | | | | | |
| (MAXIMUM POINTS 25) | | | | | | | |
| Total Production mineral -wise during RY | Approved Quantity (tonnes) [to be filled] | Actual (tonnes) [to be filled] | <ul style="list-style-type: none"> • $\geq 50\%$ to 100% (7 points) • Between 30% & 50% (5 points) • $\leq 30\%$ and $>100\%$ (0 points) | 7 | | | |
| Dump Management (excluding topsoil) | As per the Approved Plan Document | | Yes(5 points) No (0 points) NA | 5 | | | |
| Formation of safe and stable benches (open pit) or drives (underground) | As per the Approved Plan Document | | Yes 5 points No 0 points | 5 | | | |
| Dust Suppression measures | <ul style="list-style-type: none"> • Transportation of mineral in covered vehicles • Water sprinkling • Wet drilling • Tyre washing | | Yes 2 points No 0 points Yes 2 points No 0 points Yes 2 points No 0 points NA Yes 2 points No 0 points | 8 | [Maximum will be 6 points in cases where no drilling takes place] | | |

MODULE-II**PROTECTION OF ENVIRONMENT AND CONSERVATION OF WATER****(MAXIMUM POINTS 30)**

| | | | | | |
|--|-----------------------------------|--|--|---|--|
| Topsoil Preservation and its Utilisation | As per the Approved Plan Document | | Yes (6 points) No (0 points) NA | 6 | |
| Compliance reporting of environmental parameters (air, water, etc.) | As per SPCB norms | | Yes 6 points No 0 points | 6 | |
| Rehabilitation and progressive mine closure | As per the Approved Plan Document | | • 100% (6 points) • >50 < 100% (3 points) • <=50% (0 point) • NA. | 6 | |
| Total Plantation/ compensatory afforestation done as per approved Document during RY | Approved Quantity (Nos) | Actual (Nos) | • 80-100% (4 points) • >50 <80% (2 points) • <=50% (0 point) • NA | 4 | |
| Survival rate of Plants during 1 st year of their plantation | Nos. of trees/plants | Trees/plants Survived after 1 st year | • 70-100% (4 points) • >50 <70% (2 points) • <=50% (0 point) • NA | 4 | |
| Use of recycled water for drinking, agriculture, mining activities, etc. | Details to be provided | | Yes 4 points No 0 points N.A. | 4 | |

MODULE-III**HEALTH SAFETY AND WELFARE OF WORKERS****(MAXIMUM POINTS 25)**

| | | | | | |
|--|------------------------|--|--|---|--|
| % of total employees/ workers to whom DGMS approved Personnel Protection Equipment (PPE) i.e. Helmets, Shoes, gloves,& dust mask, etc have been provided | Avg. total employment | % of total employment whom PPE provided | • 100 % (5 points) • >50 < 100% (2 points) • <=50% (0 point) | 5 | |
| % of total employment for whom Periodical Medical Examination (PME) has been done as per Mine Rules 1955 | Avg. total employment | % of total employment whom PME done as per rules | • 100 % (5 points) • >50 < 100% (2 points) • <=50% (0 point) | 5 | |
| Provision of drinking water & sanitation facilities to all workers | Details to be provided | | Yes 2 points No 0 points | 2 | |
| Provision of basic amenities to women employees i.e. Crèche, Toilet & Restrooms. | Details to be provided | | Yes 2 points No 0 points NA | 2 | |
| Cases of 'Silicosis' or other occupational disease detected amongst mine workers during the RY | Details to be provided | | Yes 0 points No 3 points | 3 | |
| Welfare measures undertaken by the lessee for mine workers/ in nearby areas as part of CSR | Details to be provided | | Yes 3 points No 0 points | 3 | |
| Provision to tackle mine hazards/ rescue operation | Details to be provided | | Yes 5 points No 0 points | 5 | |

MODULE-IV
STATUTORY COMPLIANCE

(MAXIMUM MARKS 20)

| | | | | |
|---|--|---|---|--|
| Has obtained all required NOCs/ Certificates/ Permits from Govt. Departments | Details to be provided | Yes 5 points No 0 points | 5 | |
| Rectification of all the violations pointed out by any Govt. Agencies i.e. DGMS, SG, SPCB | Details to be provided | Yes 5 points No 0 points | 5 | |
| Appointment of Competent persons as per statute i.e. Agent, Manager, Foreman, Mining Mate & Blaster | Names to be provided | All yes 5 points Nil 0 points (one point for each category) | 5 | |
| Authenticated lease Sketch with Boundary Co-ordinates | Lease sketch along with Boundary co-ordinates to be provided | Yes 3 points No 0 points | 3 | |
| Erection of Boundary Pillars in the lease area as per rule | Details to be provided | Yes 2 points No 0 points | 2 | |

| Summary of Points obtained | Applicable Maximum Points | Points Scored |
|----------------------------|---------------------------|---------------|
| | | |

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 1 | 25 | | |
| Module 2 | 30 | | |
| Module 3 | 25 | | |
| Module 4 | 20 | | |
| Total | 100 | | |
| % Obtained | | | |
| Star Rating | | | |

CRITERIA FOR STAR RATING

| Percentage obtained | Criteria |
|---------------------|-----------|
| =>80 to 100 % | 5 Star |
| =>70 to <80 % | 4 Star |
| =>60 to <70 % | 3 Star |
| =>50 to <60 % | 2 Star |
| =>25 to <50 % | 1 Star |
| <=25 % | No rating |

CERTIFICATE

I S/o| D/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)
Agent/Manager

1. Instruction & Checklist:

- a) All State Governments have to develop a system to award the rating to the minor mineral mines in their States at the scale of 1 to 5 as per the draft template enclosed.
- b) All State Governments may develop their own template in Hindi or English or in their regional languages.
- c) All the mines that have worked for 180 days and their average daily employment is 15 or more in the concerned RY, are eligible for filling up self-assessment template;
- d) Mine should not be under suspension on the day of submission of template.
- e) All the mines are to ensure filling up self-assessment template before 1st of July every year for previous reporting year duly signed by Owner/ Nominated person; once submitted, template cannot be edited by the lessee.
- f) State Government may device a procedure and nominate an authority to whom Self Assessment Template would be required to be submitted by the lessee.
- g) The minimum applicability requirement for awarding star rating for minor mineral leases to be kept at 60 % of the total maximum marks i.e. items of at least 60 points in the template should be 'applicable' for the mine.
- h) State Govt. may devise a mechanism to validate, randomly by third party, for those mines that have assessed themselves for 5 star rating.
- i) Mines that have self-assessed themselves 4 or 5 star rating must have valid approved document during the RY for at least 6 months or more; in all other cases these mines will be assessed in category less than 4 star in the RY.
- j) State Government may make appropriate changes in their Minor Mineral Conservation and Development Rules to make the filling of Template mandatory by the eligible lessees.
- k) Each State Directorate will prepare the list of all five star rated mines and put up the final list on their department's website not later than 30th November every year.

2. Instructions for lessee

- a) Self assessment template should be filled up by the Owner/ Nominated Owner in English, Hindi or the local language of the state concerned or as directed in the template.
- b) Lessee must check its eligibility criteria before filing up self assessment template;
- c) Lessee should read & check all the modules that will be applicable to him before filing the self assessment template;
- d) Owner/ Nominated Owner should sign on all the pages of the documents;
- e) Copies of all the supporting documents submitted by the lessee should be self-attested;
- f) If Lessee chooses "Not Applicable" options, he has to provide a justification for the same.