

Meeting Notice

भारत सरकार / Government of India

खान मंत्रालय / Ministry of Mines

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F. No. 31/4/2016-M-III

नई दिल्ली, दिनांक 10<sup>th</sup> October, 2017

**विषय:** Meeting of Apex Committee constituted for facilitation and monitoring of implementation of Scheme of Star Rating of mines/ mining lease holders.

The undersigned is directed to say that Secretary (Mines) being the Chairperson of the Apex Committee for Star Rating of mines has convened a meeting of the Apex Committee for finalizing the circular and template for star rating of minor minerals on **26<sup>th</sup> October, 2017 (Thursday) at 1100 AM at 'Kautilya', Hotel Samrat, 50B, Chanakyapuri, New Delhi.**

2. The members of the Apex Committee and also incharge of Department of Mining and Geology of 12 Major Mineral States are requested to attend the meeting. A line of confirmation may kindly be sent by return e-mail.
3. Draft Model Circular and Self-evaluation Template of Star Rating of Minor Mineral Mines is enclosed herewith.

(अधीर कुमार मल्लिक / Adhir Kumar Mallik)

अवर सचिव भारत सरकार/ Under Secretary to the Govt. of India

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To

1. Additional Secretary, Ministry of Mines
2. Joint Secretary (BP), Ministry of Mines
3. Director (P), Ministry of Mines
4. Shri Ranjan Sahai, Controller General, Indian Bureau of Mines, Nagpur
5. Shri A.K. Srivastava, Former Additional Director General, Ministry of Environment and Forests & Climate Change
6. Representative from Ministry of Coal (not below the rank of Director)
7. Representative from Ministry of New and Renewable Energy (not below the rank of Director)
8. Representative from Ministry of Water Resources (not below the rank of Director)
9. Representative from Ministry of Ministry of Environment & Forests & Climate Change (not below the rank of Director)
10. Director, Indian School of Mines, Dhanbad
11. Director General, The Energy and Resources Institute (TERI), New Delhi
12. Director General, ICFRE

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13. Director, IIT, Kharagpur
14. Secretary General, Federation of Indian Mineral Industries, New Delhi
15. Director General, Centre for Science & Environment, New Delhi
16. Director, NEERI
17. Dr. P. R. Sinha, country representative, IUCN India
18. Secretary General, FICCI
19. Secretary, Industries & Commerce, Govt. of Andhra Pradesh
20. Secretary, Mineral Resource Department, Govt. of Chhattisgarh
21. Secretary, Department of Mines and Geology, Govt. of Jharkhand
22. Secretary, Mines and Geology, Govt. of Goa
23. Secretary, Industries and Mines Department, Govt. of Gujarat
24. Secretary, Commerce & Industries (Mining), Govt. of Karnataka
25. Secretary, Mineral Resource Department, Govt. of Madhya Pradesh
26. Principal Secretary, Industries, Govt. of Maharashtra
27. Principal Secretary, Department of Steel and Mines, Govt. of Odisha
28. Principal Secretary, Mines and Petroleum, Govt. of Rajasthan
29. Principal Secretary, Mines, Govt. of Tamil Nadu
30. Commissioner, Commissionerate of Industries, Govt. of Telangana.

Copy to:

Sr. PPS to Secretary, Ministry of Mines



(अधीर कुमार मल्लिक / Adhir Kumar Mallik)

अवर सचिव भारत सरकार/ Under Secretary to the Govt. of India



**Draft Circular**

**Government of India**  
**Ministry of Mines**  
Notification No.- 31/4/2016-M.III

New Delhi, the \_\_\_ Sep, 2016

**Model Self-evaluation template of Star Rating of Minor Mineral Mines**

A system of awarding "Star Rating" to the 'major' mineral mines was developed by the ministry and notified vide circular of even number dt. 23<sup>rd</sup> May, 2016. The star ratings, one to five stars, are being awarded to the mining leases for major minerals for their efforts and initiatives taken for implementation of the Sustainable Development Framework (SDF). The best performing leases are given 5 Stars. The star rating system has a built in compliance mechanism for environment and forest safeguards and encourage all mining lease holders to strive for excellence. The star rating system envisaged not only to encourage sharing of best practices but also to incentivize the adoption of best practices. The rating system in future may be useful in obtaining faster clearances from various regulatory bodies.

The central government has prepared a Model Self-assessment Template (enclosed), for the star rating of minor mineral mines for the assessment of the SDF implementation in these mining leases based on the following parameters-

- Systematic & sustainable mining
- Protection of environment
- Conservation of water and use of NRE sources
- Health & safety of workers
- Welfare measures & community engagement
- Statutory compliances

The Mines & Minerals (Development & Regulation) (MMDR) Act, 1957, including the recent amendment by Law, devolves on the State, the full responsibility for the administration of minor minerals.

Thus the State Governments may choose to opt for adoption of an online system to award star rating to the minor mineral mines as per the model self-assessment template prepared. The State Government may choose to adopt this template for star rating of minor mineral mines in their State or may develop their own template, as it enables the State Government to institutionalise a self-driven mechanism for ensuring sustainable mining with adequate concerns for environment and socioeconomic issues in the mining areas, through a Sustainable Development Framework. Further, the system will eventually increase transparency in the minor mineral sector and address many issues of stakeholders, the public and miners and also help in collation of various technical, environmental and social data, which will be utilised for better monitoring of mining areas.

(Prithul Kumar)  
Director

Enclosure: Model Self-evaluation template of Star Rating of  
Minor Mineral Mines along with instructions (7 pages)



## MODEL SELF-ASSESSMENT TEMPLATE FOR STAR RATING OF FOR MINOR MINERALS LEASES

REPORTING YEAR (RY): \_\_\_\_\_

### PART- A: GENERAL INFORMATION:

S.N.	Particulars	Details
<b><u>LEASE DETAILS</u></b>		
1	Unique lease ID allotted by the State Government for lease	
2	Lease Boundary Coordinates (Latitudes & Longitudes)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <b>Latitudes</b>  <input type="text"/> <input type="text"/> <input type="text"/> </div> <div style="text-align: center;"> <b>Longitudes</b>  <input type="text"/> <input type="text"/> <input type="text"/>  <small>(more maybe added, as per need)</small> </div> </div>
3	Khasra Nos./ 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/yyyyto dd/mm/yyyy
<b><u>LESSEE DETAILS</u></b>		
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.)	
13	Type of lessee (Person/ Company / partnership firm/other)	[Drop down menu]
14	Address	
15	Mobile Number	
16	Email address	
<b><u>WORKING DETAILS</u></b>		
17	Method of Mining	Drop down menu with all three options

	(Opencast/ Underground/Opencast & Underground)	
18	Status of the lease on date of filing (Working/Temporary Discontinuance/Non-working/ Under suspension)	[Drop down menu to have lexicons as mentioned]
19	No. of working days during Reporting Year	
20	No. of days of temporary discontinuance during Reporting Year	
21	No. of days under (legal/regulatory/operational) 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 RY  
(In Rs.)**

24	Royalty Paid	
25	Dead Rent Paid	
26	Contribution to DMF	
27	Contribution to State Exploration trust, if applicable	

**PART- B: SUSTAINBLE MINING**

**(Maximum Total Points 100)**

Particulars	Details (To be filled up by Lessee)	Rating Points	Applicable Max Points	Points scored
<b><u>SYSTEMATIC AND SUSTAINABLE MINING (MAXIMUM POINTS 26)</u></b>				
Total Production Mineral wise during RY	Approved Quantity (tonnes)  [to be filled]	Actual (tonnes)  [to be filled]	<ul style="list-style-type: none"> <li>• <math>\geq 50\%</math> to 100% (8 points)</li> <li>• Between 30% &amp; 50% (5 points)</li> <li>• <math>\leq 30\%</math> and <math>&gt; 100\%</math> (0 points)</li> </ul> [to be automatically calculated]	8
Waste Management (excluding topsoil).	As per the Approved Plan Document	<ul style="list-style-type: none"> <li>• Yes (3 points)</li> <li>• No (0 points)</li> <li>• NA</li> </ul>	5	



Formation of safe and stable benches (open pit) or drives (underground)	As per the Approved Plan Document	<ul style="list-style-type: none"> <li>• Yes 5 points</li> <li>• No 0 points</li> <li>• NA</li> </ul>	5	
Dust Suppression measures	<ul style="list-style-type: none"> <li>• Transportation of mineral in covered vehicles</li> </ul>	Yes 2 points No 0 points	8	[Maximum will be 6 points in cases where no drilling takes place]
	<ul style="list-style-type: none"> <li>• Water sprinkling</li> </ul>	Yes 2 points No 0 points		
	<ul style="list-style-type: none"> <li>• Wet drilling</li> </ul>	Yes 2 points No 0 points NA		
	<ul style="list-style-type: none"> <li>• Tyre washing</li> </ul>	Yes 2 points No 0 points		

**PROTECTION OF ENVIRONMENT**  
**(MAXIMUM POINTS24)**

Topsoil Preservation and its Utilisation	As per the Approved Plan Document		<ul style="list-style-type: none"><li>• Yes(6 points)</li><li>• No (0 points)</li><li>• NA</li></ul>	6	
Compliance reporting of environmental parameters(air, water, etc)	As per SPCB norms		Yes 5 points No 0 points	6	
Rehabilitation and progressive mine closure	As per the Approved Plan Document		<ul style="list-style-type: none"><li>• 100 % (6 points)</li><li>• &gt;50 &lt; 100% (3 points)</li><li>• &lt;=50%(0 point)</li><li>• NA</li></ul>	6	
Total Plantation/ compensatory afforestation done as per approved Document during RY  [where no such plantation is required as per plan, points awarded will be full]	Approved Quantity (Nos)	Actual (Nos)	<ul style="list-style-type: none"><li>• 100 % (6 points)</li><li>• &gt;50 &lt; 100% (3 points)</li><li>• &lt;=50%(0 point)</li></ul>	6	

**CONSERVATION OF WATER & USE OF RENEWAL ENERGY SOURCES**

**(MAXIMUM POINTS- 7)**

Use of recycled water for drinking, agriculture, mining, activities, etc.	Details to be provided [Text]	<ul style="list-style-type: none"> <li>• Yes 5 points</li> <li>• No 0 points</li> <li>• NA</li> </ul>	5	
Use of Renewable/solar Energy	Details of generation and consumption [Text]	<ul style="list-style-type: none"> <li>• Yes 2 points</li> <li>• No 0 points</li> <li>• NA</li> </ul>	2	

**HEALTH AND SAFETY OF WORKERS**

**(MAXIMUM POINTS23)**

% of total employees/workers to whom DGMS approved	Av. total employment	% of total employment	<ul style="list-style-type: none"> <li>• 100 % (5 points)</li> </ul>	5	
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Personnel Protection Equipment (PPE) i.e. Helmets, Shoes, gloves, & dust mask, etc has been provided		whom PPE provided	<ul style="list-style-type: none"> <li>• &gt;50 &lt; 100% (2 points)</li> <li>• ≤50%(0 point)</li> </ul>		
% of total employment whom Periodical Medical Examination (PME) has been done as per Mine Rules 1955	Av. total employment	% of total employment whom PME done as per rules	<ul style="list-style-type: none"> <li>• 100% (4 points)</li> <li>• &gt;50 &lt; 100% (2 points)</li> <li>• ≤50%(0 point)</li> </ul>	4	
Provision of sanitation facilities to all workers	Details to be provided		Yes - 3 / No - 0	3	
Provision of basic amenities to ladies workers i.e. Crèche, Toilet & Restrooms.	Details to be provided		Yes - 3 / No - 0 NA	3	
Providing drinking water for mining workers	Details to be provided		Yes - 3/ No - 0	3	
Cases of Silicosis' detected in the workers during the RY	Details to be provided		Yes -5/ No- 0	5	

### WELFARE MEASURES AND COMMUNITY ENGAGEMENT

(MAXIMUM POINTS 10)

Number of man days local manpower deployed in a mine vis-à-vis number of man-days worked in a year	Total Man man-days worked during RY	Total number of man-days worked by the local manpower	<ul style="list-style-type: none"> <li>• 100 % (10 points)</li> <li>• &gt;50% &amp; &lt; 100% (7 points)</li> <li>• ≤50%(3 point)</li> </ul>	10	
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### STATUTORY COMPLIANCE

(MAXIMUM MARKS 13)

Obtains All required NOCs / Certificates permits from Govt Departments	Details to be provided	Yes - 5/ No - 0	4	
Compliances of all the violations pointed out by any Govt. Agencies i.e. DGMS, SG, SPCB	Details to be provided	Yes - 5/ No - 0	4	
Appointment of Competent persons as per statute i.e. Manager, Foreman, Mining Mate, & Blaster	Names to be provided	Yes - 4/ No - 0 (one marks for each category)	4	
Authenticated lease Sketch with Boundary Co-ordinates & Erection of Boundary Pillars	Lease sketch along with Boundary co-ordinates to be provided	Yes -2 No - 0	3	

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	26		
Module 2	24		
Module 3	7		
Module 4	23		
Module 5	10		
Module 6	13		
<b>Total</b>	<b>100</b>		
% 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..... 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/Lessee

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### General Instructions for State Governments / Lessees:

The State Governments may opt to develop an online system to award the rating to the minor mineral mines in their states at the scale of 1 to 5 as per the model self-assessment template for star rating of minor mineral mines. If the State Government chooses to adopt the model evaluation template for star rating of minor mineral mines in their State, the instructions to be followed are as under -

- a) The State Governments may develop their own template in Hindi/English or in their regional languages.
- b) Only the Mines which have been worked for 180 days and the average daily employment is 15 or more in the concerned RY may be considered to be eligible to filling of self-assessment template;
- c) Mine should not be under suspension on the day of submission of template;
- d) All the mines are to ensure filing of self-assessment template before 1st of July every year for previous reporting year duly signed by Owner/Nominated Owner ; once submitted, template cannot be edited by the lessee;
- e) State Government may device a procedure and nominate an authority to whom Self Assessment Template would be required to submit by the lessee. They may consider the star rating system of minor mineral mines to be at the district administration level.
- f) The mine should have minimum 60 marks of applicable items, for awarding of star rating.
- g) State Govt. may device a mechanism for random validation by third party of the mines that have assessed themselves 4/5 star ratings.
- h) Mines that has self-assessed them 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 category less than 4 star in the RY.
- i) State Government may choose to make appropriate changes in their Minor Mineral Conservation and Development Rules to make the filling of Template Mandatory By the eligible lessee.
- j) Each State Directorate will prepare the list of all five star rated mines and put up the final list to their department's website not later than 30<sup>th</sup> November.

### Instructions for Lessee

1. Self assessment template should be filled up by the lessee in English, Hindi or the local language of the state concerned or as directed in the template.
2. Lessee must Check its eligibility criteria before filling of self assessment template;
3. Lessee should read & check all the modules that will be applicable to him before filling the self assessment template;
4. Lessee or its authorized representative should sign on all the pages of the document;
5. Copies of all the documents submitted by the lessee should be self-attested;
6. If Lessee chooses "Not Applicable" options, he has to provide a justification for the same. The marks of the same would not be counted in the total marks also.

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