Date Tue, 06,Jul,2021

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EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

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S.N.	Particulars	Details
1.	Name of the Mining Lease	RASHTRIYA ISPAT NIGAM LIMI
	Name of the Lessee	RASHTRIYA ISPAT NIGAM LIMI
2.	Address	GARBHAM MANGANESE \$ MINES GARBHAM,
	Phone	9701348909
	Email	garbhammines@gmail.com
3.	IBM mine code (for ML)	40APR20050
4.	IBM Registration Number (under rule 45 of MCDR, 1988)	1071
5.	Major Mineral(s)	MANGANESE : 2011000 MT
6.	Total Lease Area (ha)	
	(i) Forest Land (ha)	0.0
	(ii) Private Land (ha)	121.21
	(iii) Revenue land (ha)	141.33
	(iv) Others, if any	0.0
7 .	Lease period (valid up to)	07/10/2022
8.	Reserves (As per UNFC 111,121 & 122) as on End of the reporting year. (In million tonnes)	377613
9.	Resources as on End of the reporting year. (In million tonnes)	861000
10.	Method of Mining (Opencast/ Underground, Opencast & Underground)	Opencast UndergroundOpencast & Underground
11.	Category - A / B (as per Rule 42(2) of MCDR, 1988)	Catagory A Catagory B
12.	Captive/Non Captive	■ Captive ○ Non Captive

		Member 1:
		Name: M H SULTANA
		Designation: DGM(HR)
		Contact No: 8978115858
		Member 2:
		Name: D P SAHOO
		Designation: AGM(F&A)
	Name and contact details of all the members of	Contact No: 9701347565
13.	Sustainable Development Unit (SDU)	Member 3:
		Name: D N SRIDHAR
		Designation: SR MANAGER(GEO)
		Contact No: 9764004969
		Member 4:
		Name: MOHAMMAD NIMAR
		Designation: SR MANAGER (MINES
		Contact No: 9701348909
14.	Prominent surface feature of national importance, like monuments, place of worship, rivers, etc. if any.	NONE

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

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 beginning of RY	Area put to use during the RY	Cumulative area put to use at the end of RY
1.	Mining	21.84	0	21.84	21.8400
2.	Mineral Storage	0	0	0	0.0000
3.	Mineral Beneficiation plant	0	0	0	0.0000
4.	Township	0	0	0	0.0000
5.	Tailing Pond	0	0	0	0.0000
6.	Railways	0	0	0	0.0000
7.	Roads	2.0	0	2	2.0000
8.	Infrastructure (Workshop, administrative building etc.)	1.05	0	1.05	1.0500
9.	OB/waste dump	10	0	10	10.0000
10.	Top soil preservation	0	0	0	0.0000
11.	Others	11.33	0	11.33	11.3300
12.	Total area put to use	0	0	0	0.0000
13.	Excavated area reclaimed	0	0	0	0.0000
14.	Waste dump area reclaimed	0	0	0	0.0000

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

ROYALTY & OTHER CONTRIBUTIONS

S. No. Details Amountpaid in RY in lakh rupees

1.	Royalty/Dead rent paid	1058160
2.	Contribution to DMF	125700
3.	Contribution to NMET	14504.00
4.	Amount Paid towards despatch sharing in Auction cases	0.0
5.	Total of other cess or taxes paid to Government, in addition to above	55885

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

STATUTORY COMPLIANCES

S. No.	Particulars	Details	
		Letter No:	J-11015/60/2020- IA.II(M)
1.	Environment Clearance, Order No. and	Date Approved:	11/06/2021
	validity	Validity:	07/10/2022
		Annual Quantity Approve	d: 18000
		Letter No:	NA
2.(ii)	SPCB Approvals	Date Approved:	00/00/0000
	Consent to Establish(Water)	Validity:	00/00/0000
		Annual Quantity Approve	d: 15000
		Letter No:	NA
.(i)	SPCB Approvals	Date Approved:	00/00/0000
.(1)	Consent to Establish(Air)	Validity:	00/00/0000
		Annual Quantity Approve	d: 15000
		Letter No:	9059- VZN/APPCB/ZO
2.(iii)	SPCB Approvals	Date Approved:	29/09/2016
. ,	Consent to operate(Water)	Validity:	31/12/2021
		Annual Quantity Approve	d: 15000
		Letter No:	9059- VZN/APPCB/ZO
.(iv)	SPCB Approvals Consent to operate (Air)	Date Approved:	29/09/2016
	Consent to operate (Air)	Validity:	31/12/2021
		Annual Quantity Approve	d: 15000
		Letter No:	NA
5	Forest Clearance, Letter No. and	Date Approved:	00/00/0000
	details	Validity:	00/00/0000
		Area in hectares:	0.00
	Land Acquisition details, R &R, if	Total Area accuired:	0
	applicable applicable	Total Ammount Paid:	0

	Compliance of Vishakha Committee	
5.	Guidelines for	
5.	prevention of women harassment at workplace.	

 Implemented
○ Not
Implemented
Not Applicable

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

Bas	ic Criterion for rating the mine		
S.N.	Particulars	Details	
		Letter No:	AP/VZNR/MPMn- 81/HYD
1.	Date of Approval of Mining Plan/ Modified Mining Plan /	Date Approved:	21/02/2018
	Review of Mining Plan with validity	Validity:	07/10/2022
		Quantity Approved:	15000
2.	No. of days Mine was operational (during Reporting Year)	178	
3.	Mining operation under suspension by Government authorities as on date of submission	○ Yes ◎ No	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up l	by Lessee)	Applicable Max Points	Points scored
Constitution of SDU (Sustainable Development Unit) at Mine level - team of Mine management comprising of Technical, Financial, CSR, HRD, Environment heads for ensuring implementation of SDF principles.	Constituted	○ Not - Constituted	3	3
Total expenditure incurred for implementation of SDF at mine level including -Environment Protection, - CSR & other welfare activities in peripheral area Explanation: Expenditure is not over and above the statutory levies imposed by the Government.	10% of royalty (in lakhs)	Total Expenditure for SDF % Utilisation implementation (in lakhs)		
However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .	105800	0 0%	5	0
CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year	Committed (in la	akhs) Utilised (in lakhs)		
(as per Companies Act, 2013 or otherwise)	0	0	5	0

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

Particulars	Details (To be filled up by Lessee)			Applicable Max Points	Points scored
Exploration carried out (as per approved Mining Plan/Scheme of Mining for the Reporting	Has the entire potential mineralised area been explored 100% Proposed	O Yes	Achieved		
Year)	Boreholes Meterage	Boreho Metero		10	
	Area under G1 : 3.5		% of protential		
	Area under G2 : 1.8		mineralized area explored at		
G Axis area status as on the beginning of RY	Area under G3 : 9.3		G1 label	5	0
	Area under G4 : 0				
	Non mineralised area:		23.973		
Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	Yes No			5	5

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up	by Lesse	e)	Applica Max Po	ble Points ints scored
Production of mineral in	Proposed		Acutal		
tonnes (RUN OF MINE)	1007.739		1007.739	5	5
Removal of waste/ over	Proposed		Acutal		
burden in cubic meters	1		1	5	5
D 111 · 1 ·	Proposed (in m	eters)	Acutal (in meters)		
Bench Height	4		4	3	3
D 1 376 bl	Proposed (in m	eters)	Acutal (in meters)		
Bench Width	6		6	3	3
Excavation	Proposed		Acutal As per proposal Not in proposal	•	3
Lateral	E/W 30	35	30 35		
Submit the grid values	N/S 700	725	700 710		
Vertical (in MRL)	4		4		

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

This section is not for underground mines. please choose next one.

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up b	y Lessee)	Applico Max Points	able Points scored
Alternative use / Disposal as percentage of total waste ge (excluding top soil)		r mineral	4	4
Waste dumping	Proposal	Acutal As per propos Not in propos	_	2
Lateral Submit the grid values	E/W 0 0 N/S 0 0	0 0		
Vertical (in MRL)	0	0		

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Les	ssee)	Applicable Max Points	
Beneficiation practices for ROM/ mineral Reject/ Subgrade	y Yes O No		5	
Blending of mineral reject/ Subgrade	Quantity blended 300	Total mineral reject O	5	5
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal	Acutal As per proposal Not in proposal	2	2
Area Submit the arid values	E/W 0 0 0 N/S 0 0	0 0	_	
Quantity	0	0	_	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

(To be filled up by Lessee)	Max So Points	oints corec

	O Stacking			
- d	Utillized		_	-
Top soil utilisation/stacking	Stacking & Utillized		5	5
	Not done			
Construction of check dams	Proposal	Achieved		
(Number)	1	1	1	1
		Achieved (in meteres)		
	Proposal	As per proposal		
Construction of garland drains	(in meters)	Not in proposal		
	100 1 1	100 1 1	1	1
		Achieved (L x W x D) in Meters		
	Proposal (L x W x D) in	As per proposal		
Construction of retaining walls	Meters			
		O Not in proposal		
	10 1 1	10 1	1	1
	Thickened tailing dispersions	osal Paste filing		
Tailings disposal (applicable if beneficiation facility exists)	Opry disposal of wet tai	ilings	5	0
zenencianon raemily exists,	Conventional disposal	methods		
Tailings Utilization (%age)	>10%	i% No Utilization	5	0
	Water sprinkling on haulage			
Dust suppression measures	Wet drilling/Dust collector	Yes ○ No	_	,
undertaken in mining operation	Water mist spray at crush	Yes ○ No	- 4	4
	Covering of inactive dumps by geotextiles/plantation etc	⊚ Yes ○ No	_	
Disposal of used oil, lubricants through authorized vendors.			1	1

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Mechanism for monitoring of parameters of groundwater (GW) status & quality	Monitoring mechanism available Monitoring mechanism not available	1	1
Ground Water Quality status (with reference to CPCB parameters)	Are they with in the permissible limits? Yes No	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

(To be filled up by Lessee)	Applicable Max Points	Points scored
Usage of mine water by proper treatment and use for:		
O Drinking water supply	5	3
Discharge without treatment		
Quantity of recycled water / Quantity of water drawn from external sources O litre/O litre	5	
onserve water in the process		
Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes No		
Float valve in overhead tabks	2	2
Drip irrigation or other conservation techniques • Yes • No		
along with water sprinklers	2	2
	Use for: Drinking water supply irrigation for any other purpose Discharge without treatment Quantity of recycled water / Quantity of water drawn from external sources Ulitre/Olitre onserve water in the process Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes No Float valve in overhead tabks Drip irrigation or other conservation techniques Yes No along with water	Drinking water supply irrigation for any other purpose Discharge without treatment Quantity of recycled water / Quantity of water drawn from external sources Ulitre/Olitre onserve water in the process Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes No Float valve in overhead tabks Drip irrigation or other conservation techniques Yes No along with water

REPORTING YEAR: RY - 2020-21

Environmental Monitoring Standards	Core zone	Buffer zone	Applicable Max Points	Points scored
a)Ambient Air Quality Standards laid down by MoEF&CC	Within limitNot Within limit	Within limitNot Within limit	3	3
b) Surface Water Quality Standards laid down by MoEF&CC	Within limitNot Within limit	Within limitNot Within limit	3	3
c) Ground Water Quality Standards laid down by MoEF&CC	Within limitNot Within limit	Within limitNot Within limit	3	3
d)Noise Level Standards laid down by DGMS	Within limitNot Within limit	Within limitNot Within limit	3	3
e)Noise Vibration Standards laid down by DGMS	Within limitNot Within limit	Within limitNot Within limit	3	3

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

Particulars	Details (To be f	illed up	by Lessee)	Applicable Max Points	Points scored
Total Energy requirement in KWH					
Sourced from Green /renewable sources in KWH	7567		0	4	0
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	○ Yes	No		1	0
Innovation in energy saving					
Use of sensors and low energy consumption devices	Yes	O No		2	2
Conservation of Fuel	Yes	O No		2	2
	(Yes	○ No U	JSING OF LED'S		
Conservation through other technical intervention. Please list.				2	2

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Less	see)	Applicable Max Points	Points scored
Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with		
	1	1	4	4
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCPB.	Total no. of violations pointed out (as informed by lessee)	Violations complied with		
	1	1	4	4

Module 2 - FINAL/ PROGRESSIVE MINE CLOSURE & LANDSCAPE RESTORATION

Particulars	Details			Applicable Max Points	Points scored
1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)				3	
2. Water Reservoir, ground water recharge, and pisciculture, if applicable	Area (in sq. meter)	Maximum Depth (in meter)	Volume (in Cubic meter)		

Proposed Targets for the RY				5	
Actual					
2(a) Efforts towards Rainwater(RW) Harvesting, Groundwater(GW) Recharging	RW harvesting vRW harvesting vrechargingNo structures			3	3
3. Landscape restoration & rehabilitation of ecology & biodiversity	Proposal (in sq. meter)	Actual (in sq. meter)	% Achivement		
Plantation over backfilled area				3	
Plantation over dump area	50	50	100	5	5
Plantation over virgin area(Green belt development)	500	500	100	3	3
Agro forestory practiced	Yes No			2	2
3(a) Efforts for faster restoration [Soil moisture conservation / fencing of area / drip irrigation/ any other]	Yes No FEN	CING OF A AND DRIP		2	2
3(b) Treatment of problematic soils, if applicable Treatment with soil amendments, manuring, bio- fertilisers etc.	Yes ○ No USEI FERT	D BIO- TILIZERS		2	2
4. Creation of Eco tourism/ recreational facility if applicable	Proposed (in sq. meter)		Actual (in sq. meter)		
Area reshaped by pitching & recontouring	100		100	2	2
5. Dump area stabilisation and development if applicable	Proposed (in sq. meter)		Actual (in sq. meter)		
Area Covered by	15000		15000	5	5

Rehabilitation & Rese	ettlement for Project Affected People		
Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored

No. of Project Affected People (PAP) as per approved EIA-EMP / SIA- SMP	0	
/ R&R , if applicable % of PAP for whom alternate arrangements made for sustained livelihood * Indirect employment/Created souce of income other than direct employment	%	3
% of project affected persons given employment * (Direct Employment)	%	5
% of project affected persons who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic,tailoring	%	5
Social Impact Assessment(SIA) undertaken and Social Impact Management Plan prepared and implemented	◎ Yes ○ No	1 1

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Whether a public grievance redressal nechanism is in place	⊚ Yes ○ No	1	1
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	○ Yes ○ No	1	1

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity Expansion plans		3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

* In the absence of any pro purpose of determining %	posal the previous y	ear expenditure will	be taken as base	for the	
Welfare and socio- economic development programs for local	Details of Exp - end & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual		Points	
Water storage tanks, drinking water supply facility & irrigation support to agriculture	Exp(in Lakhs) - RAIN WATER COURSED TO WATER LOGGED PIT & ALLOWED	Exp(in Lakhs) - 1 RAIN WATER COURSED TO WATER LOGGED PIT & ALLOWED	500	3	3

REPORTING YEAR: RY - 2020-21

* In the absence of any pro purpose of determining %	posal the previous	year expenditure will	be taken as base	for the	
Welfare and socio- economic development programs	Details of Expendi & Work done durir Reporting Year	ture 19	No. of Beneficiaries	Max Applicable	Points scored
for local communities	Proposed	Actual	_	Points	
Preventive measures for mitigation of mine related health problems	Exp(in Lakhs) - 1 PPE	Exp(in Lakhs) - 1 PPE	20	3	3
Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - I SWATCH BHARAT ABHYAN & DISTRIBUTION OF KITS	Exp(in Lakhs) - I SWATCH BHARAT ABHYAN & DISTRIBUTION OF KITS	0	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

	lopment & Ed	acarion			
* In the absence of any p purpose of determining 9	roposal the previo	us year expenditure	will be taken as base t	for the	
Welfare and socio- economic development programs	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
for local			Denenciaries		

Skill development & Vocational Training programmes for local communities	Exp(in Lakhs) - 1 TAILORING	Exp(in Lakhs) - 1 TAILORING	10	3
Promotion of Literacy & Education	Exp(in Lakhs) - 2 SKILL DEVELOPMEN T TRAINING	Exp(in Lakhs) - 2 SKILL DEVELOPMEN T TRAINING	20	3 3

REPORTING YEAR: RY - 2020-21

* In the absence of any propurpose of determining %	pposal the previous	year expenditure will	be taken as base	for the	
Welfare and socio- economic development programs for local	Details of Exp - ei & Work done duri Reporting Year	nditure ng	No. of Beneficiaries	Max Applicable	Points scored
communities	Proposed	Actual	_	Points	
Support to social, cultural, recreational activities	Exp(in Lakhs) - 0.5 0	Exp(in Lakhs) - 0.5 0	0	2	2
Livelihood & Socio- Economic standard improvement support	Exp(in Lakhs) - 1 TAILORING	Exp(in Lakhs) - 1 TAILORING	20	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Welfare and socio- economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable	Points scored
	Proposed	Actual		Points	

Improvement of Road connectivity and public transport and other	Exp(in Lakhs) -	Exp(in Lakhs) - O	1	2	•
public transport and other infrastructure facilities	none	none			
	/				

REPORTING YEAR: RY - 2020-21

Particulars	Details	Max Applicabl Points	e Points scored
Total Local Manpower (% of total manpower)	Total local man power 23 Total man power 31	3	3
Skilled local manpower (% of total skilled manpower)	Skilled local man power 4 Total skilled man power 7	3	3
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power Total unskilled man power 20	3	3
% of skilled local manpower who have been skilled by the lessee and absorbed (% of skilled local manpower)	Local man power skilled by lessee and absorbed Skilled total local man power 4	3	3
Working in LWE affected districts (as per MHA)		2	2
Working in Schedule V/Tribal area	○ Yes ● No	3	0

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Particulars	Details	Applicable Max Points	Points scored
	School, Hospital,Drinking water and ODF		
Adoption of One Village around nining areas for the purpose DDF : (Open Defacation Free Area)	 School, Hospital and Drinking water 		
	School and Hospital	10	0
ODF : (Open Defacation Free Area)	○ School		
	None of these		
Adoption of ODF within mining area	○ Yes ○ No	5	5
General Cleanliness of mines area	Excellect	3	3

Cleanliness of workshop/Mines Office area	Excellect Moderate Poor	3	3
Garbage collection and appropriate disposal	⊚ Yes ○ No	3	3
Providing drinking water for mining workers	Yes ○ No	2	2
Provision for greenage recreational facility	⊚ Yes ○ No	2	2
Awareness program among Mine workers for Swatchata	⊚ Yes ○ No	2	2

Module 4 - ASSURANCE AND REPORTING

REPORTING YEAR: RY - 2020-21

Particulars	Details	Applicable Max Points	Points scored
Availability of information on SDF	Yes	3	3
Reports on Company's/Mine website	○ No		
Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	⊚ Yes ○ No	2	2
Internal auditing for information submitted.	⊚ Yes ○ No	3	3

Module 4 - ASSURANCE AND REPORTING

Particulars	Details		Applicable Max Points	Points scored
QMS (ISO_9001)	YesNo		3	3
EMS (ISO-14001)	Yes	○ No	3	3
OHSAS (ISO-18001)	Yes	○ No	3	3
Social Accountability (8000)	Yes	○ No	3	3
Energy Audit undertaken by BES	O Yes	⊚ No	3	0
GRI/Substainability Reporting	O Yes	◎ No	3	0
Swatchata Report	Yes	○ No	2	2

Help desk Contact Number: 040-66545336