INDIAN METALS & FERRO ALLOYS LIMITED

Sukinda Mines
(Chromite)
AT/P.O. Kaliapani
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Dist Jajpur
Odisha, India

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By Regd. Post

To
The Regional Controller of Mines,
Indian Bureau of Mines,
Plot No. 149, Pokhariput,
Bhubaneswar -751020.

Ref. No: IMFA/SMC/26/387
Date: 29.06.2026

Sub.: Online filling of Self-assessment Report of Star Rating templates for the year 2025-2026 under Sustainable Development Framework (SDF) and as per Rule 35(2) of MCDR- 2017 in respect of Sukinda Mines (Chromite) of M/s IMFA Ltd.

Dear Sir,

With reference to the above cited subject and as per Rule 35 (2) of MCDR-2017, kindly find enclosed herewith the submitted online evaluation template for Star Rating (Self-assessment report), for the year 2025-26 in respect of Suinda Mines (Chromite) of M/s IMFA Ltd.

This is for kind information please.

Thanking You.

Yours faithfully,
for Indian Metals & Ferro Alloys Ltd.

(Saroj Kumar Mahanta)
Mines Manager
Sukinda Mine (Chromite)

Encl: As above.

# EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES-OTHER THAN SMALL MINES

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## Criteria for Filing of Template

**Other Than Small Mines: All mines having lease area 25 ha or more**
**or**
**having ROM Production 50,000 T or more**

- **Information pertaining to "Part-I: General Information" shall be auto-fetched from the details given in the Mining Plan/ Form-K, wherever applicable.**
- **Kml file from Mining Plan to be automatically fetched/ shown.**
- **Kml file for the RY (updated plans/ sections as per Rule 33 of MCDR 2017) to be uploaded.**

**REPORTING YEAR(RY): 2025 - 2026**

**ASSESSMENT YEAR(AY): 2026 - 2027**

## Part 1 : General Information

**1.1 : Lease Details**

| | |
|---|---|
| Name of Mining Lease : | SUKINDA |
| Name of the Lessee :<br>Phone of the Lessee :<br>Email of the Lessee :<br>Address of Lessee : | Indian Metals & Ferro Alloys Ltd<br>9777441687<br>Minesplanningcell@imfa.in<br>IMFA Building Bomikhal, Rasulgarh, Bhubaneswar |

| | |
|---|---|
| State :<br>District :<br>Tehsil/ Taluk/ Mandal :<br>Village : | Nil |
| Mine Code (for ML): | 11ORI19014 |
| IBM Registration Number (under rule 45 of MCDR, 1988): | IBM/4200/2011 |
| Name of Minerals : | CHROMITE |
| **Total Lease Area (ha) :**<br><br>• (i) Forest Land (Ha)<br>• (ii) Private Land (ha)<br>• (iii) Revenue land (ha)<br>• (iv) Others, if any(Specify) | **116.76**<br><br>• 115.0500<br>• 0.4300<br>• 0.0000<br>• 1.2800 |
| Lease period (valid up to) : | 2029-09-03 |
| Reserves (As per UNFC 111,121 & 122) as on End of the reporting year.(In million tonnes) : | 14.061696 |
| Resources as on End of the reporting year. In million tonnes : | 31.429788 |
| Method of Mining(Opencast/ Underground, Opencast & Underground) : | |
| Category - A / B (as per Rule 55(2) of MCDR, 2017) : | A |
| Captive/Non Captive : | Captive |

**Name and contact details of all the members of Sustainable Development Unit (SDU) :**

| SR.No | Name | Designation | Contact Number |
|---|---|---|---|
| 1 | Mr. Lalatendu Mahapatra | SGM- Mining | 9937297058 |
| 2 | Mr. Saroj Kumar Mahanta | Mines Manager | 9937299402 |

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| | | | |
|---|---|---|---|
| 3 | Mr. Padarbinda Sabata | DGM- HR | 7077768511 |
| 4 | Mr. Sunil kumar sahoo | Senior Officer-Geology | 9668979334 |
| 5 | Mr. Satya Kaibalya Das | Manager-Environment | 7077768442 |
| 6 | Mr. Birendra Kumar Das | Sr. Manager-Accounts | 9777588617 |
| 7 | Mr. Sandeep Mishra | Senior Officer - Public Relations | 9937299478 |

| | |
|---|---|
| Production during reporting year(Tonnes) : | 269075.000000 |
| Prominent surface feature of national importance,like monuments, place of worship, rivers, etc. if any. : | NIL |

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**1.2 Lease Area Utilisation**

| SR.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 | Remarks |
|---|---|---|---|---|---|---|
| 1 | Mining | 39.4700 | 36.9300 | 1.1900 | 38.1200 | |
| 2 | Top Soil Preservation | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| 3 | OB / waste dump | 45.3700 | 45.3700 | 0.0000 | 45.3700 | |
| 4 | Mineral Storage | 3.4000 | 5.3800 | -0.6300 | 4.7500 | |
| 5 | Infrastructure (Workshop,administrative building etc.) | 10.9100 | 10.9100 | 0.0000 | 10.9100 | |
| 6 | Roads | 3.3100 | 3.8700 | -0.5600 | 3.3100 | |
| 7 | Railways | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | Tailing Pond | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| 9 | Mineral Beneficiation plant | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| 10 | Township | 1.0500 | 1.0500 | 0.0000 | 1.0500 | |
| 11 | Others | 13.2500 | 13.2500 | 0.0000 | 13.2500 | |
| 12 | Total area put to use | 116.7600 | 116.7600 | 0.0000 | 116.7600 | |
| 13 | Excavated area reclaimed | 46.8300 | 6.0500 | 8.8600 | 14.9100 | |
| 14 | Waste dump area reclaimed | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |

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**1.3 Royalty & Other Contributions**

| SR.NO. | Details | Amount paid in RY in Rupees | Remarks |
|---|---|---|---|
| 1 | Royalty/Dead rent paid | 576905086.0000 | |
| 2 | Contribution to DMF | 173071569.0000 | |
| 3 | Contribution to NMET | 15476330.0000 | |
| 4 | Amount Paid towards despatch sharing in Auction cases | 0.0000 | |
| 5 | Total of other cess or taxes paid to Government,in addition to above | 350280.0000 | Surface Rent |

**1.4 Statutory Compliances**

**1.4.1. Environment Clearance, Order No. and validity :**

| Sr.No | Statutory Compliances | Letter No. | Date Approved | Validity | Annual Quantity Approved | Remarks |
|---|---|---|---|---|---|---|
| 1 | 1.4.1. Environment Clearance, Order No. and validity : | J-11015/204/2015-IA.II(M) | 2020-12-28 | 2029-05-31 | 600000.0000 Ton | Environmental Clearance (EC) No F.No -J-11015/204/2015-IA.II (M) dated 28.12.2020 granted to Sukinda Mines (Chromite) has been extended till 31.03.2029(i.e. validity of approved mining plan). Sukinda_Mines-EC-0.6_MTPA-Valid_till-31.3.2029_COMBINE.pdf |
| 2 | 1.4.2. SPCB Approvals : (i) Consent to Establish | 286/IND-II-CTE-6703 | 2023-01-05 | 2029-04-01 | 600000.0000 Ton | SMC_CTE.pdf |
| 3 | 1.4.2. SPCB Approvals : (ii) Consent to Operate | 3792/IND-I-CON-2274 | 2026-03-23 | 2027-03-31 | 351000.0000 Ton | The Consent to Operate (CTO) has been renewed vide order dated 23.03.2026. Sukinda_Chromite__CTO-valid_till_31.3.2027_COMBINE_final.pdf |

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**1.4.3. Forest Clearance, Letter No. and details (If applicable) :**

| SR.No | Letter No. | Date Approved | Validity | Area in hectares | Remarks |
|---|---|---|---|---|---|
| 1 | F. No. 8-16/2016-FC | 2018-06-22 | 2029-09-03 | 115.0500 | SMC_FC.pdf |

**1.4.4. Wildlife Clearance (If applicable) :**

| SR.No | Letter No. | Date Approved | Validity | Remarks |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 1 | 10061/1WL-SSP-181/2015 | 2015-11-08 | 2029-09-03 | SMC-SSWLCP.pdf |

**1.4.5. Central Ground Water Authority No Objection Certificate (If applicable) :**

| SR.No | Letter No. | Date Approved | Validity | Annual Quantity Approved | Remarks |
|---|---|---|---|---|---|
| 1 | MIN/OD/2025/3571/R-4 | 2025-04-06 | 2027-04-05 | 2301.0000 Kilo Litres (cu. m) | SMC_CGWA_NOC_2301_KLD_valid_upto_5.4.27.pdf |

**1.4.6. Land Acquisition details :**

| Total Area acquired/purchased so for | Total Ammount Paid |
|---|---|
| 0.0000 | 0.0000 |

**1.4.7. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace. :** Implemented

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# Part 2 : Evaluation Template

## Module I : Managing Impacts At The Mine Level

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**2.1.1 : Spending Towards SDF**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| 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. | Nil | 3 | 3 | |

| | | | | |
|---|---|---|---|---|
| * Total expenditure incurred for implementation of SDF at mine level including<br><br>1Environment Protection,<br>2.Welfare activities in and around peripheral area including CSR<br><br>Explanation: Expenditure is not over and above the statutory levies imposed by the Government, However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .is over and above the statutory levies imposed by the Government.<br>(Note:<br><br>1."Environment Protection" includes all activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc.<br>2."Welfare activities in and around peripheral area including CSR" shall include all activities undertaken under Sustainable Mining of Mining Plan)<br><br>* Committed Expenditure for "Welfare activities in and around peripheral area including CSR" shall be kept as Rs 10 per Ton (For Minerals having Rate of Royalty on Ad Valorum Basis) or Rs 5 per T (For minerals having Fixed rate of Royalty) total dispatches subject to a minimum of Rs 1 Lakh for small mines and 5 Lakh for other than small mines, or CSR as per Section 135 of the Companies Act, whichever is higher. Environment Protection Cost shall be the proposed/actual costs spent towards activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc.Total SDF expenditure shall be a sum of both attributes defined above. | <table><tr><th>Committed Expenditure (a)</th><th>Total Expenditure for SDF implementation (b)</th></tr><tr><td>424.9790</td><td>423.4983</td></tr></table> | 5 | 4 | Environment expenses-378.354 Lakh CSR expenses-45.144 Lakh |

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| | | | | |
|---|---|---|---|---|
| CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year (as per Companies Act, 2013 or otherwise) | <table><tr><th>Committed (in Lakhs)</th><th>Utilised (in Lakhs)</th></tr><tr><td>46.6250</td><td>45.1443</td></tr></table> | 3 | 2 | |
| Reporting of CSR on National CSR Portal https://www.csr.gov.in | Nil | 2 | 2 | |

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**2.1.2 : Exploration Activity**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Exploration carried out (as per approved Mining Plan/ Review/ Modification in the Approved Mining Plan for the Reporting Year)<br><br>Note: “Boreholes and Meterage” to be filled by the leaseholder under this item may be cumulative till the reporting year (in the current Mining Plan proposal period) as there are cases where the proposals are achieved at an early stage. Additional options for Pitting/ Trenching may be provided. Actual exploration shall be primarily measured on the basis of meterage, then secondary consideration shall be total number of boreholes/ Pit/ Trenches, however, Pit/ Trenches shall be considered only for the Small Mines having Surficial Deposits like Bauxite/ Floats etc. | Has the entire potential mineralised area been explored 100% : | 10 | 10 | |
| G Axis area status as on the beginning of RY | <table><tr><td>Area under G1: 46.7600<br>Area under G2: 0.0000<br>Area under G3: 0.0000<br>Area under G4: 0.0000</td><td>% age of potential mineralized area explored at G1 level<br>100.0000</td></tr></table> | 0 | 0 | Chromite ore bands occurring as stratiform regular vein deposit. |

| | | | | |
|---|---|---|---|---|
| G Axis area status as on the end of RY | Non Mineralised Area: 70.0000<br><br>Total potential mineralised area : 46.7600<br><br>Area under G1: 46.7600<br><br>Area under G2: 0.0000<br><br>Area under G3: 0.0000<br><br>Area under G4: 0.0000<br><br>Non Mineralised Area: 70.0000<br><br>Total potential mineralised area : 46.7600 | 5 | 5 | Chromite ore bands occurring as stratiform regular vein deposit. |
| Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation | Yes | 5 | 5 | Geovia-Surpac , Arc-GIS, Autocad |

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**2.1.3 : Mining Operation : Opencast**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Production of mineral in tonnes mineral wise (Run of Mine) | Proposed: 300001.5100 / Actual: 269075.0000 | 5 | 4 | |
| Removal of waste/ over burden in cubic meters | Proposed / Actual | 5 | 5 | |

| | | | | |
|---|---|---|---|---|
| | 1100009.7500 \| 1099997.4100 | | | |
| Bench Height | Proposed: 8.0000 \| Actual: 8.0000 | 3 | 3 | |
| Bench Width | Proposed: 8.0000 \| Actual: 8.0000 | 3 | 3 | |
| Excavation | As per proposal | 3 | 3 | |

| Lateral Extent | | | | | | | | Vertical Extent (in MRL) | |
|---|---|---|---|---|---|---|---|---|---|
| Proposed | | | | Actual | | | | Proposed | Actual |
| E/W | | N/s | | E/W | | N/s | | | |
| 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 82.0000 | 82.0000 |

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**2.1.4 : Mining Operation : Underground**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| ROM Production of mineral in tonnes mineral wise | Proposed: 0.0000 \| Actual: 0.0000 | 5 | 0 | Not proposed. |

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<table>
<tr>
<td>Matching Underground Development<br>(in meters)</td>
<td>
<table>
<tr><th></th><th>Proposed</th><th>Actual</th></tr>
<tr><td>Shaft</td><td>500.0000</td><td>As per proposal</td></tr>
<tr><td>Adit</td><td>0.0000</td><td>As per proposal</td></tr>
<tr><td>Incline/Decline/Ramp</td><td>600.0000</td><td>As per proposal</td></tr>
<tr><td>Horizontal Development at various level</td><td>0.0000</td><td>Not as per proposal</td></tr>
<tr><td>Vertical development between various levels.</td><td>0.0000</td><td>Not as per proposal</td></tr>
</table>
</td>
<td>5</td><td>3</td><td></td>
</tr>
<tr>
<td>Size of underground openings</td>
<td>
<table>
<tr><th colspan="2">Proposed</th><th colspan="2">Actual</th></tr>
<tr><th>Width</th><th>Height</th><th>Width</th><th>Height</th></tr>
<tr><td>0.0000</td><td>0.0000</td><td>5.0000</td><td>5.0000</td></tr>
</table>
</td>
<td>3</td><td>3</td><td></td>
</tr>
<tr>
<td>Safeguard against Subsidence</td>
<td>No Subsidence caused due to mining in reporting year</td>
<td>5</td><td>5</td><td></td>
</tr>
</table>

**2.1.5 : Zero Waste Mining**

| Particulars | Details<br>(To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Alternative use / Disposal as a percentage of total waste generation (excluding top soil)<br><br>(Note: For underground mines, waste filled underground may be considered under “Alternative use”. Further, permission granted under Rule 12(1)(k) of MCR 2016 may also be allowed to be included under this item.)<br><br>**Not Applicable if mine has permission for caving** | Disposal as minor mineral: | 0 | 0 | |
| Waste dumping<br>(Locational aspects may be verified from KML files) | No Subsidence caused due to mining in reporting year | 2 | 2 | |

| Proposal | | | | | Actual | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Lateral | | | | Vertical | Lateral | | | | Vertical |
| E/W | | N/S | | | E/W | | N/S | | |
| 372278.6500 | 372659.7600 | 2326360.1600 | 2326741.2900 | 15.0000 | 372278.6500 | 372659.7600 | 2326360.1600 | 2326741.2900 | 15.0000 |

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**2.1.6 : Mineral Conservation**

| Particulars | Details<br>(To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Beneficiation practices for ROM/mineral reject / subgrade<br><br>**Not Applicable** | | 0 | 0 | |
| Blending of mineral reject / sub-grade<br><br>**Not Applicable** | Quantity blended: — Total mineral reject: | 0 | 0 | |

| | | | | |
|---|---|---|---|---|
| Separate stacking of mineral rejects/ subgrade mineral in earmarked area | As per proposal | 2 | 2 | SUB-Grade_Dump.pdf |

| Proposed | | | | | Actual | | | | |
|---|---|---|---|---|---|---|---|---|---|
| # | E/W | | N/s | | Quantity | E/W | | N/s | | Quantity |
| 1 | 372320.0300 | 372597.0100 | 2327159.9500 | 2326953.0200 | 0.0000 | 372320.0300 | 372597.0100 | 2327159.9500 | 2326953.0200 | 0.0000 |

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**2.1.7 : Environment Compliances**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Topsoil utilisation/stacking<br>**Not Applicable** | Not Done | 0 | 0 | |
| Construction or maintenance of check dams | Proposed: 0.0000; Achievement(%): 0.0000 | 1 | 1 | |
| Construction or maintenance of garland drains | Proposed (in meters) / Achieved (in meteres): **As per proposal**<br>Proposed: 0.0000; Actual: 0.0000 | 1 | 1 | |

<table>
<tr>
<td>Construction or maintenance of retaining walls</td>
<td>
<table>
<tr><th>Proposed</th><th>Achievement(%)</th></tr>
<tr><td>0.0000</td><td>0.0000</td></tr>
</table>
</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Tailings disposal (applicable if beneficiation facility exists)<br><br>Not Applicable</td>
<td>Conventional disposal methods</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Tailings Utilization (%age)<br><br>Not Applicable</td>
<td>No Utilization</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Dust suppression measures undertaken in mining operation</td>
<td>
<table>
<tr><th>Water sprinkling on haulage road</th><th>Wet drilling/Dust collector</th><th>Water mist spray at crusher</th><th>Covering of inactive dumps by geotextiles/plantation etc.</th></tr>
<tr><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td></tr>
</table>
</td>
<td>4</td>
<td>4</td>
<td>2.1.7_DUST_Supression.pdf</td>
</tr>
<tr>
<td>Disposal of used oil, lubricants through authorized vendors.</td>
<td>Yes</td>
<td>1</td>
<td>1</td>
<td>SUKINDA_-IMFA-HW_-_8467_Valid_till_31.03.2027.pdf</td>
</tr>
</table>

**2.1.8 : Ground Water Monitoring**

| Particulars | Details<br>(To be filled up by Lessee) | Applicable<br>Max Points | Points<br>scored | Remarks |
|---|---|---|---|---|

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| | | | | |
|---|---|---|---|---|
| Central Ground Water Authority NOC obtained | Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater<br>**Obtained** | 1 | 1 | Obtained for a quantity of 2301 KL/ Day (240 KL/Day from bore well abstraction and 2061 KL/Day from mines seepage dewatering).Valid up to 05.04.2027<br>SMC_CGWA_NOC_2301_KLD_valid_upto_5.4.27.pdf |
| Monitoring of Ground water as per CGWA NOC | Monitoring mechanism | 1 | 1 | Ground_water_monitoring_report_SMC_25-26.pdf |
| Ground Water Quality status (with reference to CGWA/ CGWB/ CPCB parameters) | Details about the GW Quality assessment<br>**Within permissible limits** | 2 | 2 | GW_Report_2026.pdf |

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**2.1.9 : Water Usage**

| Particulars | Details<br>(To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Use of mine Water consumption pattern, if applicable | Usage of mine water by proper treatment and use for:<br>**Drinking water supply** | 5 | 5 | The project proponent has established a 1260 KLH ETP, where the mines seepage water as well as the surface runoff water is treated and discharged to the nearby Nalla by pipeline which is ultimately utilize for irrigation purpose.<br>_Water_Consumption_Data.pdf_ |
| Quantity of recycled water as a % of total water drawl from external sources such as bore wells, rivers or piped water, if applicable | Quantity of recycled water / Quantity of water drawn from external sources<br><br>**35620.9600 Litre**<br>**49257.6500 Litre** | 5 | 5 | STP of 40 KLD & 80 KLD has been established at colony where the domestic waste water is treated for recycling.<br>_Mines_Water_Consumption_pattern.pdf_ |

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| | | | | |
|---|---|---|---|---|
| Innovative approach to save and conserve water in the process (Reduction of pumping with use of technology for mining and water management to minimize and mitigate the adverse impact on ground water, based on local conditions) | Zero leakage/ water loss in water pipelines, storage tanks and water use processes<br>**Yes** | 2 | 2 | Innovative_approach_to_save_and_conserve_water_SMC_25-26.pdf |
| | Drip irrigation or other conservation techniques<br>**Yes** | 2 | 2 | |

**2.1.10 : Environmental Monitoring**

| Environmental Monitoring Standards | Core Zone | Buffer Zone | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| a)Ambient Air Quality Standards laid down by MoEF&CC | Within Limit | Within Limit | 3 | 3 | AAQ monitoring is being carried out by engaging an NABL accredited lab. AAQ_REPORT_2026.pdf |
| | As per Standard | As per Standard | | | |
| b) Surface Water Quality Standards laid down by MoEF&CC | Within Limit | Within Limit | 3 | 3 | Surface water quality monitoring is being carried out by engaging an NABL accredited lab. SW_REPORT_2026.pdf |
| | As per Standard | As per Standard | | | |

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| | | | | | |
|---|---|---|---|---|---|
| c) Ground Water Quality<br>Standards laid down by MoEF&CC | Within Limit<br>As per Standard | Within Limit<br>As per Standard | 3 | 3 | Ground water quality monitoring is being carried out by engaging an NABL accredited lab.<br>GW_Report_2026.pdf |
| d) Noise Level<br>Standards laid down by DGMS | Within Limit<br>As per Standard | Within Limit<br>As per Standard | 3 | 3 | Noise level is being monitored by sound level meter (SLM-100) which is calibrated yearly by NABL lab.<br><br>Noise_Report.pdf |
| e) Ground Vibration<br>Standards laid down by DGMS | Within Limit<br>As per Standard | Within Limit<br>As per Standard | 3 | 3 | Being monitored by Micromate Blast Vibrometer. |

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**2.1.11 : Green Energy Sourcing & Climate Change Initiatives**

| Particulars | Details<br>(To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Total Energy requirement in KWH<br><br>Sourced from Green /renewable sources | 1687044.0000<br><br>53106.0000 | 4 | 0 | Use of 51 Kwh On-grid & 30Kwh Off-grid roof top Solar system installed in the mines. |
| Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001 | Yes | 1 | 1 | 06._SMC_2026_FINAL.pdf |
| Use of sensors and low energy consumption devices | Yes | 2 | 2 | 1.Use of BLDC Fan 2. Use of ASO for switching ON/OFF LED Lights. 3. Use of 20W LED in place of 40W tube lights. 4.Use of 51 Kwh On-grid & 30Kwh Off-grid roof top Solar system installed in the mines. 5.Use of VFD |
| Innovation in energy saving | | | | |
| Conservation of Fuel | Yes | 2 | 2 | a)Use of Hectronic fuel management system. |

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| | | | | |
|---|---|---|---|---|
| Conservation through other technical intervention. Please list. | Yes | 2 | 2 | 1.Overhauling of Pumps 2.Replacement of Inefficient Ac. 3.Replacement of FTL 36W with 20W LED. 4.Replacement of Conventional Ceiling fan with BLDC energy saver ceiling fan. 5.Use of 51 Kwh on grid Solar system & 60 Watt Solar Street Lights on Haul Road. |

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**2.1.12 : Compliance Status**

| Particulars | Details (To be filled up by Lessee) | | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| Violations pointed out by IBM | Total no. of violations pointed out | Violations complied with | 8 | 8 | |
| | 0.0000 | 0.0000 | | | |
| **Note:** Proposal and achivement coloumns are with respect to the reporting year. | | | | | |

| Summary of Points obtained in Module-I | Module-I | Module-I |
|---|---|---|

| | Applicable Maximum Points(1) | Points Scored(i) |
|---|---|---|
| Both Opencast & Underground Mining | **37** | **29** |

Final Submitted

## Module II : Final/ Progressive Mine Closure & Landscape Restoration

Final Submitted

**2.2.1 : Particulars**

<table>
<tr><th>Particulars</th><th>Details<br>(To be filled up by Lessee)</th><th>Applicable Max Points</th><th>Points scored</th><th>Remarks</th></tr>
<tr><td>1) Backfilling as per approved Mining Plan<br>Backfilling Area (Ha.)</td><td><table><tr><th>Proposed</th><th>Actual</th><th>Percentage (%)</th></tr><tr><td>88579.0000</td><td>88579.0000</td><td>100.0000</td></tr></table></td><td>3</td><td>3</td><td></td></tr>
<tr><td>2) Water Reservoir, ground water recharge, and pisciculture, if applicable<br>Area under water reservoir<br><br>Not Applicable</td><td><table><tr><th>Proposed</th><th>Actual</th><th>Percentage (%)</th></tr><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table></td><td>0</td><td>0</td><td></td></tr>
<tr><td>2(a) Efforts towards Rainwater (RW) Harvesting, Groundwater (GW) Recharging and artificial recharge measures for groundwater recharge<br>Details</td><td><table><tr><th>GW Proposed</th><th>GW Actual</th><th>Reason</th></tr><tr><td>6200.0000</td><td>63962.0000</td><td rowspan="3">Nil</td></tr><tr><th>Harvesting Proposed</th><th>Harvesting Actual</th></tr><tr><td>6200.0000</td><td>63962.0000</td></tr></table></td><td>3</td><td>3</td><td>Sukinda_Mines_IMFA_Hydrogeological_report_IMFA_2025_F-compressed_(1).pdf</td></tr>
<tr><td>Plantation over backfilled area<br><br>Not Applicable</td><td><table><tr><th>Proposal (in sq. meter)</th><th>Actual (in sq. meter)</th><th>Achivement (%)</th></tr><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table></td><td>0</td><td>0</td><td></td></tr>
</table>

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| | | | |
|---|---|---|---|
| Plantation over dump area | 1.4000 \| 1.7000 \| 121.4286 | 5 | 5 | DUMP_SLOPE_PLANTATION.pdf |
| Plantation over virgin area(Green belt development)<br>**Not Applicable** | 0.0000 \| 0.0000 \| 0.0000 | 0 | 0 | |
| Agroforestory Area | Nil | 2 | 2 | Agroforestory_area_25-26.pdf |
| 3 (a) Efforts for faster restoration<br>Details * (Soil- moisture conservation, fencing of area, drip irrigation, etc.)<br>**Not Applicable** | Nil | 0 | 0 | |
| 3 (b) Treatment of problematic soils, if applicable<br>Details * (Treatment with soil amendments, manuring, bio fertilizers etc. )<br>**Not Applicable** | Nil | 0 | 0 | |
| 4) Creation of Eco tourism/ recreational facility if applicable<br>Area reshaped by pitching & recontouring<br>**Not Applicable** | Proposed: 0.0000 \| Actual: 0.0000 | 0 | 0 | |
| 5) Dump area stabilisation and development, if applicable<br>Area covered by Geo textiles or similar techniques in Ha | Proposed: 0.5500 \| Actual: 0.5660 | 5 | 5 | DUMP_AREA_STABILIZATION.pdf |

| Summary of Points obtained in Module-II | Module-I<br>Applicable Maximum Points(3) | Module-I<br>Points Scored(iii) |
|---|---|---|

| | | |
|---|---|---|
| | 18 | 18 |

Final Submitted

## Module III : Addressing Social Impacts Of R&R Requirements, Community Engagement & Welfare Programmes

Final Submitted

### 2.3.1 : Rehabilitation & Resettlement for Project Affected People

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP/ R&R , if applicable | 0.0000 | | | |
| % of PAP for whom alternate arrangements made for sustained livelihood (Indirect employment/Created source of income other than direct employment) **Not Applicable** | 0.0000 | 3 | 0 | |
| % of project affected families given employment (Direct Employment) **Not Applicable** | 0.0000 | 0 | 0 | |
| % of project affected families who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic, tailoring) **Not Applicable** | 0.0000 | 0 | 0 | |
| ***PAP - Indicates the persons who have been displaced due to land aquisation for mining lease.** | | | | |

### 2.3.2 : Grievance Redressal

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| | | | | |

| | | | | |
|---|---|---|---|---|
| Whether a public grievance redressal mechanism is in place | Nil | 1 | 1 | Yes, public grievance redressal mechanism is in place. Public_Grievance_Redressal.pdf |
| Name, Address and Phone no./Email of Committee Members responsible displayed publicly | Nil | 1 | 1 | Yes, it is being displayed at prominent places of mines like mines entry gate. Public_Grievance_Redressal_Display.pdf |

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**2.3.3 Stakeholder Participation**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity expansion plans | Nil | 3 | 3 | Participation of the surrounding villagers, communities. Activities like women empowerment, creation of SHG, adoption of new technology towards agriculture, Sweet corn cultivation, Millet Cultivation, awareness and treatment of anemia, plantation program, seedling distributions etc. _Activities_FY_2025-26.pdf_ |

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**2.3.4 Support for Drinking Water & Agriculture**

| Particulars | Details (To be filled up by Lessee) | No. of Beneficiaries | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Water storage tanks, drinking water supply facility & irrigation support to agriculture | <table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>1.5500</td><td>1.4168</td></tr></table> | 1325 | 3 | 3 | |

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**2.3.5 Support to Health & Medical Services**

| Welfare and socio-economic development programs for local communities | Details of Expenditure & Work done during Reporting Year | No. of Beneficiaries | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| Preventive measures for mitigation of mine related health problems | <table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>8.0000<br><br>Regular IME & PME to be conducted.</td><td>7.4875<br><br>Regular IME & PME is being conducted.</td></tr></table> | 599 | 3 | 3 | IME_&_PME_25-26_for_Geology_SMC.pdf |
| Promotion of Hygiene and Sanitation, public health initiatives | <table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>3.0750<br><br>Organization of General Health Camps, Blood Donation Camps, and Domestic Animal Treatment Camps, along with the distribution of mosquito nets, Blanket.</td><td>3.0676<br><br>Health Camps were organized along with Blood Donation Camps and Domestic Animal Treatment Camps, Mosquito nets, Blanket were distributed.</td></tr></table> | 1827 | 3 | 3 | Promotion_of_Hygiene_and_Sanitation,_public_health_initiatives.pdf |

**2.3.6 Support to Skill Development & Education**

| Welfare and socio-economic development programs for local communities | Details of Expenditure & Work done during Reporting Year | No. of Beneficiaries | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| Skill development & Vocational Training programmes for local communities | Proposed Exp(in Lakhs): 0.2000 / Actual Exp(in Lakhs): 0.1800 | 90 | 3 | 3 | |
| Promotion of Literacy & Education | Proposed Exp(in Lakhs): 3.6500 / Actual Exp(in Lakhs): 3.6100 | 248 | 3 | 3 | |

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**2.3.7 Social & Livelihood Support**

| Welfare and socio-economic development programs for local communities | Details of Expenditure & Work done during Reporting Year | No. of Beneficiaries | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| Support to social, cultural, recreational activities | Proposed Exp(in Lakhs): 6.8500 / Actual Exp(in Lakhs): 6.4673 | 1950 | 2 | 2 | Support_to_social,_cultural,_recreational_activities.pdf |
| Livelihood & Socio-Economic standard improvement support | Proposed Exp(in Lakhs): 0.3000 / Actual Exp(in Lakhs): 0.2850 | 80 | 3 | 3 | Socio_Economic_Impact_FY_25-26.pdf |

### 2.3.8 Support to Transportation Services & Infrastructure

| Welfare and socio-economic development programs for local communities | Details of Expenditure & Work done during Reporting Year | No. of Beneficiaries | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|---|
| Improvement of Road connectivity and public transport and other infrastructure facilities | Proposed Exp(in Lakhs): 23.0000 / Actual Exp(in Lakhs): 22.6300 | 1375 | 2 | 2 | Road_connectivity_and_public_transport_and_other_infrastructure.pdf |

### 2.3.9 Sourcing of Manpower Amongst Locals (from the State) in The Mines

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Total Local Manpower (% of total manpower) | Total local man power: 598.0000 / Total man power: 1170.0000 | 3 | 3 | |
| Skilled local manpower (% of total local manpower) | Total local man power: 400.0000 / Total man power: 573.0000 | 3 | 3 | |
| Unskilled local manpower (% of total local manpower) | Total local man power: 198.0000 / Total man power: 226.0000 | 3 | 3 | |
| Working in LWE affected districts (as per NITI Aayog list) **Not Applicable** | **No** | 0 | 0 | |

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| | | | | |
|---|---|---|---|---|
| Working in Schedule V / Tribal area | **Yes** | 3 | 3 | |

**2.3.10 Swatchata Programs: Creating/providing sanitation and healthy condition in and around the mine area**

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Voluntary Adoption of Village for Health, Sanitation, Literacy (including Computer Literacy) & Infrastructure Support Programs: | **All Four Identified Programs are conducted/ Support provided to the local community.** | 10 | 10 | |
| General Cleanliness of mines area (Mine working faces, dump areas, roads) | **Excellent** | 3 | 3 | Cleanliness of mines area done on regular basis. General_cleanliness_of_mines_area.pdf |
| Cleanliness of workshop/Mines Office area | **Excellent** | 3 | 3 | Cleanliness of mines office area done on regular basis. cleanliness_of_workshop_mines.pdf |
| Garbage collection and appropriate disposal | **Yes** | 3 | 3 | Garbage collection and appropriate disposal being carried out on regular basis. garbage_collection.pdf |

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| | | | | |
|---|---|---|---|---|
| Providing drinking water for mining workers | **Yes** | 2 | 2 | RO with cooling water facility has been provided inside mines. Drinking_Water.pdf |
| Provision for greenage recreational facility | **Yes** | 2 | 2 | Greenage & Recreational facility has been developed at residential colony of mines. Ecotourism_and_greenage.pdf |
| Awareness program among Mine workers for Swatchata | **Yes** | 2 | 2 | Awareness program among Mine workers for Swatchata is being done. |

| Summary of Points obtained in Module-III | Module-I<br>Applicable Maximum Points(2) | Module-I<br>Points Scored(ii) |
|---|---|---|
| **64** | **64** | |

Final Submitted

## Module IV : Assurance And Reporting

Final Submitted

### 2.4.1 : Lease Level Reporting - Disclosures and Assurances

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| Availability of information on SDF and related Reports on Company's/Mine website/ Public Display at mine site | Yes | 3 | 3 | Yes, the information is available at company website. |
| Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc. | Yes | 2 | 2 | Displayed at mines entry gate. IMAGE_AAQ _Display.pdf |
| Internal auditing for information submitted. | Yes | 3 | 3 | |

### 2.4.2 : Adoption of Related International Standards

| Particulars | Details (To be filled up by Lessee) | Applicable Max Points | Points scored | Remarks |
|---|---|---|---|---|
| QMS (ISO_9001) | **No** | 3 | 0 | |
| EMS (ISO-14001) | **No** | 3 | 0 | |
| OHSAS (ISO-18001) or ISO 45001 | **No** | 3 | 0 | |

| | | | | |
|---|---|---|---|---|
| Swatchata Report | Yes | 2 | 2 | |

| Summary of Points obtained in Module-IV | Module-I<br>Applicable Maximum Points(4) | Module-I<br>Points Scored(iv) |
|---|---|---|
| | **19** | **10** |

Final Submitted

- **OVERALL PERFORMANCE & STAR RATING**

| **Module** | **Sum of Applicable Maximum Points in all Modules (a)** | **Applicants Ratings** | | **IO Ratings** | | **RO Ratings** | | **COM Ratings** | | **TEC Ratings** | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Sum of Points Scored in all Modules (b)** | **Percentage (b/a)*100** | **Sum of Points Scored in all Modules (b)** | **Percentage (b/a)*100** | **Sum of Points Scored in all Modules (b)** | **Percentage (b/a)*100** | **Sum of Points Scored in all Modules (b)** | **Percentage (b/a)*100** | **Sum of Points Scored in all Modules (b)** | **Percentage (b/a)*100** |
| **Subtotal Module I** | **134** | 120 | 89.55% | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % |
| **Subtotal Module II** | **18** | 18 | 100.00% | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % |
| **Subtotal Module III** | **64** | 64 | 100.00% | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % |
| **Subtotal Module IV** | **19** | 10 | 52.63% | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % | 0 | 0.00 % |
| **Overall** | **235** | **212** | **90.21%** | **0** | **0.00 %** | **0** | **0.00 %** | **0** | **0.00 %** | **0** | **0.00 %** |
| **% Obtained** | **90.21 %** | | | **0.00 %** | | **0.00 %** | | **0.00 %** | | **0.00 %** | |

| | | | | | |
|---|---|---|---|---|---|
| ☆ Star Rating | ★★★★★ 5 Star | No Rating | No Rating | No Rating | No Rating |

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**Criteria for Star Rating :**

| Percentage obtained | Criteria |
|---|---|
| => 90 % | 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 **Indian Metals & Ferro Alloys Ltd** , S/o **Saroj Kumar Mahanta** Designation **Mines Manager** 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: 29.06.26

Mines Manager
Lessee/Authorized person by lessee
Sukinda Mines (Chromite)
M/s IMFA Ltd.

Place: Kaliapani

(Name) Sanjay Kumar Mahanta

Final Submitted

Esigned by: Indian Met
Date: 29/06/2026 07:02:10 PM