



# Himachal Pradesh State Expert Appraisal Committee

## SEIAA, Himachal Pradesh

Ministry of Environment Forest & Climate Change, Government of India,

at Department of Environment Science & Technology,

Paryavaran Bhawan, Near US Club, Shimla-1

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### MINUTES OF THE 44<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE HELD IN CONFERENCE HALL, DEPARTMENT OF ENVIRONMENT, SCIENCE & TECHNOLOGY, SHIMLA W.E.F. 1<sup>st</sup>, 2<sup>nd</sup>, 4<sup>th</sup> & 5<sup>th</sup> April, 2016.

The following were present in the Meeting, Day-I (01/04/2016):

Sr.N.	Name	Designation	Day-1: 01/04/2016
1.	Sh. Shailendra Nigam, IAS(Retd.)	Chairman	✓
2.	Sh. Raj Kumar Sood, IFS (Retd.)	Member	✓
3.	Sh. Arun Kumar Sharma	Member	✓
4.	Dr. Ravinder Kumar Sood	Member	✓
5.	Sh. S.P. Negi	Member	✓
6.	Prof. (Dr.) Dalip Singh Thakur	Member	✓
7.	Dr. Bhupinder S. Marh	Member	✓
8.	Sh. A.N. Gautam	Member	✓
9.	Dr. R.C. Chauhan	Member	✓
10.	Dr. Satish Kumar Bhardwaj	Member	-
11.	Er. Praveen Gupta	Secretary	✓

At the outset, the Secretary (SEAC) extended his warm welcome to the Chairman and Members of the SEAC, Himachal Pradesh. The deliberations were started with permission of Chair and following agenda items were discussed:

#### ITEM NO. 1: CONFIRMATION OF THE MINUTES OF 43<sup>rd</sup> MEETING OF SEAC:

The minutes of the 43<sup>rd</sup> Meeting of SEAC held on 23<sup>th</sup> to 26<sup>th</sup> February, 2016 were ratified by the committee as per procedure.

#### ITEM NO. 2: PROJECTS FOR APPRAISAL:

##### 2.1 M/s Hindustan Salts Ltd., Chairman-cum-Managing Director, R/o B-427, Pradhan Marg, Malviya Nagar, Jaipur, Pin-302 017, Rajasthan.

Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Proposed Drang (Mohal Bhatog) Rock Salt Mine of Hindustan Salts Ltd., Jaipur.   |
| b) Project Location | Khasra number 343, 348, 349, 350, 351, 352, 353, 354, 356 & 376 situated near Village-Mohal Bhatog, Tehsil-Sadar, District-Mandi, Himachal Pradesh. |
| c) Capacity         | 7,200 MTPA.   |
| d) Mining Area      | 8.122 ha (100-07-16 Bighas) hilly land.   |
| e) EMP Cost         | Recurring cost: Rs. 1.57 lakhs  |
| f) CSR cost         | Rs. 2.21 lakhs  |

The project proponent has applied for grant of Environment clearance on dated 29.09.2015 with the relevant documents as per check list. The proposed project is Drang (Mohal Bhatog) Rock Salt Mine of Hindustan Salts Ltd., Jaipur. The mining lease area is extremely hilly and rugged with a prominent escarpment. The salt deposit is controlled by two thrusts, the upper and lower and occur below a cover of Lokhan and Trap. As proposed the mining will be carried out by underground semi-mechanized method. The entire mining area is hill (Govt. waste land) with no forest land involved. The rock salt as mined will be used as cattle lick in its raw form. It contains about 75% sodium chloride and the rest are insoluble impurities.

The project was listed in 43<sup>rd</sup> Meeting of SEAC. The Committee decided to list the case in next Meeting after compliance of certain observations. The project proponent attended all observations, re-submitted the relevant documents & represented the case before SEAC.

**After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

## **2.2 M/s J.V. Stone Crusher, Village-Lodhwan, Tehsil-Nurpur, District-Kangra, H.P. 176201.**

Brief outline of the project:

- |    |                  |  |
|----|------------------|--|
| a) | Project type     | Extraction of Sand, Stone & Bajri.                                     |
| b) | Project Location | Khasra no. 1 and 541 at Chakki Khad, in Mouza Lodhwan, Nurpur, Kangra. |
| c) | Capacity         | 1,43,620 MT for 5 Years.   |
| d) | Mining Area      | 4-25-33 hectare.   |
| e) | EMP Cost         | Rs. 7.0 Lakhs (Capital Cost) and Rs. 1.0 Lakhs (Recurring Cost)        |
| f) | CSR cost         | Capital Cost: Rs. 1.50 lakhs; Recurring cost: Rs. 2.50 lakhs           |

The case was listed in 37<sup>th</sup> Meeting of SEAC held on 12<sup>th</sup> & 13<sup>th</sup> February 2015, where in the committee after deliberating on the information submitted by the project proponent and considering the facts placed before the committee recommended case application for consideration of project for grant of environmental clearance by the SEIAA, subject to prior fulfillment of certain conditions. The Project Proponent submitted the desired documents and thereafter, the case was listed in 21<sup>st</sup> Meeting of SEIAA held on 9<sup>th</sup> April, 2015, wherein the SEIAA decided that matter be referred back to SEAC to reexamine the case application in accordance with the earlier decision of SEIAA w.r.t. Chakki & its tributaries located one kilometer upstream of bridge on Mandi-Pathankot National highway and 3 Km downstream of Railway bridge on Pathankot Jallundar section should be dealt with as a cluster mining operation.

The case was again listed in 39<sup>th</sup> Meeting of SEAC. After considering the facts and figures besides the representation of another applicant in the name and style of Mohinder Pal for M/s Shivam Stone Crusher, committee observed that the committee had recommended the case application for consideration of project for grant of environmental clearance by the competent authority which in turn imposed the application of condition of cluster mining operation in the present case as well.

It was decided by the SEAC to refer the case application to MoEF & CC, Government of India with the recommendations which the SEAC has made in appraisal of the case and that the MOEF & CC may please issue the necessary Environment Clearance to the project proponent accordingly.

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Now, the project proponent has made representation for consideration of case as per the revised Notification dated 15.01.2016 from Ministry of Environment & Forests, Government of India, since case fall under category B2 and needs to be disposed off at the level of State.

**After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.3 Sh. Harish Sharma (GPA), Sh. Kunal Pathania & Kartik Pathania, Village & Post Office-Bai Attarian, Tehsil-Indora, District-Kangra, Himachal Pradesh.**

Brief outline of the project:

- |    |                  |   |
|----|------------------|---|
| a) | Project type     | Extraction/collection of Sand, Stone & Bajri.   |
| b) | Project Location | Khasra number 1076/2 falling in Mauza/Mohal Barota/paral, Tehsil-Indora, District-Kangra, Himachal Pradesh. |
| c) | Capacity         | 1, 67,380 TPA.  |
| d) | Mining Area      | 4-90-24 ha, Private land.   |
| e) | EMP Cost         | Capital Cost: Rs. 2.20 lakhs; Recurring cost: Rs. 0.12 lakhs  |
| f) | CSR cost         | Capital Cost: Rs. 2.60 lakhs; Recurring cost: Rs. 4.29 lakhs  |

The proposed project is an open cast mining project. The case was listed before the SEAC in 42<sup>nd</sup> Meeting. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC observed that case falls under cluster mining and need to be appraised and considered as Category-A project at the level of MoEF&CC, GoI.

The case was listed in 24<sup>th</sup> SEIAA Meeting where it was decided that Committee may re-visit the case in view of the notification issued by MoEF&CC, GoI vide S.O. 141(E) dated 15<sup>th</sup> January 2016.

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.4 M/s Shivam Stone Crusher, Village-Bari Khad, P.O. Lodhwan, Nurpur, Kangra, Himachal Pradesh.**

Brief outline of the project:

- |    |                  |   |
|----|------------------|---|
| a) | Project type     | Extraction/collection of Sand, Stone & Bajri.   |
| b) | Project Location | Khasra number 5, 521, 523, 530 falling in Mohal & Mauza Lodhwan, Tehsil-Nurpur, District-Kangra, H.P. |
| c) | Capacity         | 1,80,000 TPA  |
| d) | Mining Area      | 4-11-18 ha (Private land)   |
| e) | EMP Cost         | Capital Cost: Rs. 8.0 lakhs; Recurring cost: Rs. 1.0 lakhs  |
| f) | CSR Cost         | Capital Cost: Rs. 1.50 lakhs; Recurring cost: Rs. 2.50 lakhs  |

The case of Mohinder Pal for M/s Shivam Stone Crusher, was transferred from MoEF&CC on 13th September, 2013 to HP SEIAA under amendments in EIA Notification, 2006 dated 09.09.2013. The project proponent has submitted the project proposal on 04.12.2013 to Member Secretary SEIAA, for grant of Environment Clearance. There after the project was listed in 34th

Meeting of SEAC (Sr. No. 2.11) and later in 19th Meeting of SEIAA (Sr. No.2.13) wherein it was decided that the lease applications of Environmental Clearance in Chakki & its tributaries located one kilometer upstream of bridge on Mandi-Pathankot National highway and 3 Km downstream of Railway bridge on Pathankot Jullundar section should be dealt with as a cluster mining operation. The authority decided State Mining Department be asked to indicate the total area under all mining leases (including non-operational mines) within the entire stretch.

Accordingly, letter was written to the Mining Department for further information. The letter has been received from the State Geologist, Department of Industries stating that no mining lease has been granted in Chakki khad and its tributaries located one kilometer upstream of bridge on Mandi-Pathankot National highway and 3 Km downstream of Railway bridge on Pathankot Jullundar section.

The project proponent has also represented on 26.03.2015 along with the letter of Mining Officer dated 03.03.2015 for kind consideration of the SEAC.

During the presentation it has also been mentioned by the Mohinder Pal of M/S Shivam Stone Crusher that they have filed application prior to a case in the name and style of M/s J.V. Stone Crusher, which was appraised by the SEAC in its 34<sup>th</sup> Meeting which was accordingly considered by the SEIAA in its 19<sup>th</sup> Meeting with the observation to pend the case till some information which was sought by the SEIAA from State Geologist is received. As a matter of fact it was not a delay on their part and matter was pending either at the level of the office of State Geologist or in SEIAA. This was well prior to the filing of application by the above said unit, therefore, their case may be considered on priority instead of M/s J.V. Stone Crusher in case the first come first serve principle is applied in this cluster.

The SEAC after taking into account all the facts and figures along with letter from State Geologist, observed that the present case has already been recommended and disposed of by the former SEAC with the recommendations that the case being falling in the ambit of Chakki & its tributaries located one kilometer upstream of bridge on Mandi-Pathankot National highway and 3 Km downstream of Railway bridge on Pathankot Jullundar section should be dealt with as a cluster mining operation, besides border area invites the application of General Condition under the EIA Notification, 2006. And there is no further need of any appraisal of the present case as it has already been appraised by the SEAC. Therefore, case has to be decided at the level of Government of India as per recommendations of the SEAC in its 34<sup>th</sup> Meeting.

In 39<sup>th</sup> Meeting of SEAC, it was decided that the case may be forwarded to the Government of India for consideration as per decision with the position clarified by the State Geologist and that the MOEF & CC may please issue the necessary Environment Clearance to the project proponent accordingly.

Now, the project proponent has made representation for consideration of case as per the revised Notification dated 15.01.2016 from Ministry of Environment & Forests, Government of India, since case fall under category B2 and needs to be disposed off at the level of State.

**The project proponent represented the case before SEAC. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

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**2.5 M/s Building Stretch Crushing Zone, Village-Pubowal, Tehsil-Haroli, District-Una, Himachal Pradesh.**

Brief outline of the project:

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|---------------------|---|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.   |
| b) Project Location | Khasra number 999/1, 1001, 1002, 1003, 1015, 1017, 1018 in Mauza-Pubowal, Mohal-Joddian, Tehsil-Haroli, District-Una, Himachal Pradesh. |
| c) Capacity         | 70,020 TPA  |
| d) Mining Area      | 03-66-46 ha (Private land, hill slope)  |
| e) EMP Cost         | Capital Cost: Rs. 7.0 lakhs; Recurring cost: Rs. 1.5 lakhs  |
| f) CSR Cost         | Capital Cost: Rs. 1.5 lakhs; Recurring cost: Rs. 0.5 lakhs  |

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I** and with the condition that project proponent shall obtain NOC from Central Ground Water Authority before operating the proposed mine.

**2.6 M/s Kunal Stone Crusher, Old G.T. Road, Damtal, Tehsil-Indora, District-Kangra, Himachal Pradesh. Mob: 93572 224546.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.  |
| b) Project Location | Khasra number 1172, 1170/1 in Mauza & Mohal-Mohatli in Tehsil-Indora, District-Kangra, Himachal Pradesh. |
| c) Capacity         | 2,00,025 MT for the leased period of 5 years.  |
| d) Mining Area      | 03-79-52 ha (Private land).  |
| e) EMP Cost         | Capital Cost: Rs. 4.0 lakhs; Recurring cost: Rs. 2.0 lakhs.  |
| f) CSR Cost         | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.1 lakhs.  |

The Proposed project is for extraction of Sand, Stone & Bajri. As proposed the terrace land of Chakki Khad shall be used for mining. The project proponent has applied on 23.03.2016.

The project proponent represented the case before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.7 Sh. Gurmeet Singh Bhatia, Old G.T. Road, Damtal, Tehsil-Indora, District-Kangra, Himachal Pradesh.**

Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.   |
| b) Project Location | Khasra number 533, 535, 536, 537, 538, 539, 540, 541, 542, 545, 576/558, 559, 578/560 in Mauza & Mohal-Chhanni in Tehsil-Indora, District-Kangra, Himachal Pradesh. |
| c) Capacity         | 2, 34,900 MT for the leased period of 5 years.  |
| d) Mining Area      | 02-77-99 ha (Private land, terrace).  |
| e) EMP Cost         | Capital Cost: Rs. 4.5 lakhs; Recurring cost: Rs. 2.0 lakhs.   |
| f) CSR Cost         | Capital Cost: Rs. 1.0 lakhs; Recurring cost: Rs. 0.1 lakhs.   |

The Proposed project is for extraction of Sand, Stone & Bajri. As proposed the terrace land of Chakki Khad shall be used for mining. The project proponent has applied on 23.03.2016.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.8 M/s Him Stone Crusher, V.P.O. Maidangarh, Tehsil-Amb, District-Una, Himachal Pradesh. (4-82-67 ha).**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.  |
| b) Project Location | Khasra number 1922 in Mauza-Joh, Up-Mohal Beh, Tehsil-Amb, District-Una, Himachal Pradesh. |
| c) Capacity         | 94,500 TPA   |
| d) Mining Area      | 04-82-67 ha (Govt. Land, river bed)  |
| e) EMP Cost         | Capital Cost: Rs. 4.50 lakhs; Recurring cost: Rs. 1.5 lakhs                                |
| f) CSR Cost         | Rs. 2.0 lakhs  |

The Proposed project is a river bed mining project. As proposed the mining shall be done manually or semi mechanized way. No drilling and blasting is proposed.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E, S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

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**2.9 M/s Bhawani Stone Crusher, Village-Bajaura, Post Office- Bajaura, Tehsil-Kullu, District-Kullu, Pin-171012, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction of Stone.   |
| b) Project Location | Khasra number 2978 falling at Mauza/Phati Dyar Kothi Kot Kandi, Tehsil & District-Kullu, Himachal Pradesh. |
| c) Capacity         | 19,080 TPA.  |
| d) Mining Area      | 9.18 Bighas, 0.8012 ha (Private land)  |
| e) EMP Cost         | Capital Cost: Rs.1.10 lakhs; Recurring cost: Rs. 0.45 lakhs  |
| f) CSR cost         | Capital Cost: Rs.0.80 lakhs; Recurring cost: Rs. 0.18 lakhs  |

The proposed project is manual/semi-mechanical extraction of stone from hill slope. The waste generated during the mining of stone would be about 2120 metric tons per year. As proposed the area is being part of hill slope, where no habitation is required to be disturbed, therefore no R&R plan is envisaged.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.10 Sh. Bhinder Verma, Village-Gajeri, P.O. Jais, Tehsil-Theog, District-Shimla, Himachal Pradesh.**

Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Extraction/collection of Stone  |
| b) Project Location | Khasra number 18/1 falling in Mauza & Mohal-Baila-Jandrori, Tehsil-Theog, District-Una, Himachal Pradesh. |
| c) Capacity         | 8,835 TPA of stone.   |
| d) Mining Area      | 0-36-58 ha, private land.   |
| e) EMP Cost         | Capital Cost: Rs. 0.75 lakhs; Recurring cost: Rs. 0.60 lakhs  |
| f) CSR cost         | Capital Cost: Rs. 0.60 lakhs; Recurring cost: Rs. 5,000.  |

The proposed project is manual/mechanical extraction of stone from hill slope for supply to proposed captive stone crusher. As proposed the area being part of hill slope where no habitation is required to be disturbed from the mining lease area.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.11 Sh. Prakash Chand, Village & Post Office-Kunr, Tehsil & District-Chamba, Himachal Pradesh.**

Brief outline of the project:

- |    |                  |  |
|----|------------------|--|
| a) | Project type     | Extraction of slates.  |
| b) | Project Location | Khasra number 3026/2939/1 falling in Mauza Kunr of Tehsil & District-Chamba, Himachal Pradesh. |
| c) | Capacity         | 2,000 MTA.   |
| d) | Mining Area      | 5-01-00 Bighas, 0.4087 hectare, hill slope, Govt. land   |
| e) | EMP Cost         | Capital Cost: Rs.0.90 lakhs; Recurring cost: Rs.0.50 lakhs                                     |
| f) | CSR cost         | Capital Cost: Rs.0.60 lakhs; Recurring cost: Rs.0.05 lakhs                                     |

The project proposal is for extraction of slates. As proposed after the removal of slates, the abandoned benches shall be back filled with excavated soil and mine waste. The excavated benches will be rehabilitated with local species of plants. After completion of project work the Government land will be used for afforestation.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.12 Sh. Yogesh Kumar, Village-Battihatti, Post Office-Gehra, Tehsil-Chamba, District-Chamba, 176 324, Himachal Pradesh.**

Brief outline of the project:

- |    |                  |   |
|----|------------------|---|
| a) | Project type     | Extraction of Stone.  |
| b) | Project Location | Khasra number 1265/544/1 & 1244/598 falling in Mauza/Mohal-Piura, Tehsil & District-Chamba, Himachal Pradesh. |
| c) | Capacity         | 3,700 TPA   |
| d) | Mining Area      | 4-02 Bighas, 0.33 ha, Pvt. Land, hill slope mining.   |
| e) | EMP Cost         | Capital Cost: Rs. 4.0 lakhs; Recurring cost: Rs. 3.0 lakhs  |
| f) | CSR cost         | Rs. 1.25 lakhs  |

The project proposal is for extraction of slates. The excavation will be carried out in manual way, by forming benches of 4m height. Mining will be carried out only during the day time.

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The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.13 Sh. Gian Chand, M/s Gian Chand & Co. Village-Lech, Post Office-Gehra, Tehsil-Chamba, Pin-176234, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of slates (free sale).   |
| b) Project Location | Khasra number 1823/1704/36/1 situated in Mauza & Mohal-Bhadour, Mohal-Piura, Tehsil & District-Chamba, Himachal Pradesh. |
| c) Capacity         | 1,620 TPA.   |
| d) Mining Area      | 0-16-18 ha, 2-00-00 Bigha (Private land)   |
| e) EMP Cost         | Capital Cost: Rs. 3.0 lakhs; Recurring cost: Rs. 2.50 lakhs  |
| f) CSR cost         | Rs. 1 lakhs  |

The proposed project is extraction of slates. The excavation will be carried out in manual way by forming benches of 4 m height. The mining will be carried out only during the day time.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.14 Smt. Savita Bhandari, W/o Sh. Deepender Bhandari, Village-Salwala, P.O. Gorghuwala, Tehsil-Poanta Sahib, District-Sirmaur, Pin-173025, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.  |
| b) Project Location | Khasra number 6/1 falling in Mohal Danda, Tehsil-Poanta Sahib, District-Sirmaur, Himachal Pradesh. |
| c) Capacity         | 46,300 TPA.  |
| d) Mining Area      | 27-08 Bighas, 2.30 ha (Pvt. land)  |
| e) EMP Cost         | Capital Cost: Rs. 4.9 lakhs; Recurring cost: Rs. 2.55 lakhs  |
| f) CSR cost         | Rs. 1.30 lakhs   |


The proposed project is riverbed mining project for the mining of sand, stone and bajri from Dhauli Rao, a primary tributary of Giri river, secondary tributary of Yamuna river. As proposed no mining is defined after considering the 30 meter safe distance from the temporary road passing through the river bed and 1/10 of width from the HFL i.e. 9 to 13 meters from banks. The width of khala is 90 to 130 meters in the area.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.15 Sh. Kapil Sharma, S/o Sh. Sansar Chand, Partner: M/s Shree Rudra Stone Crusher and Screening Plant, Village & P.O. Oel, Tehsil-Amb, Una, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.  |
| b) Project Location | Khasra number 8/2 & 09 situated in Mauza and Mohal Loharli Nichli, Tehsil-Amb, District-Una, Himachal Pradesh. |
| c) Capacity         | 66,510 TPA.  |
| d) Mining Area      | 02-95-63 ha (Pvt. Land, river bed).  |
| e) EMP Cost         | Capital Cost: Rs. 4.00 lakhs; Recurring cost: Rs. 1.0lakhs   |
| f) CSR cost         | Rs. 2.00 lakhs   |

The mining is confined to extraction of sand, stone and bajri from Swan khad a tributary of Satluj river. The Mining will be done manually and semi mechanized.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

*for*  
*LD*

**2.16 Sh. Sudhir Thakur, S/O Sh. Vinod Thakur, R/o Village & Post Office-Chambaghat, Tehsil & District-Solan, 173 212, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand.   |
| b) Project Location | Khasra number 2049/278, 2051/279 & 2052/279 situated in Mohal & Mauza-Basal Patti Jarash, Tehsil & District-Solan, Himachal Pradesh. |
| c) Capacity         | 7,000 TPA.   |
| d) Mining Area      | 00-40-51 ha (Private land, hill slope)   |
| e) EMP Cost         | Capital Cost: Rs. 2.75 lakhs; Recurring cost: Rs. 0.95 lakhs   |
| f) CSR cost         | Capital Cost: Rs. 1.00 lakhs; Recurring cost: Rs. 0.25 lakhs   |

The proposed project is a hill slope mining project. As proposed the existing project is a hill slope mining of sand and a grinding machine/pulverizer is proposed to be installed to grind the coarse granules of sand after sieving.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.17 Smt. Kalpana Legal Heir, W/o Late Yashjeet Thakur (Proprietor), M/s Paarshvjeet Stone Crusher, Village & Post Office-Bamta, Tehsil-Chopal, District-Shimla, Himachal Pradesh.**



Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Stone.  |
| b) Project Location | Khasra number 15, 16, 17 & 18 situated in Mohal & Mauza-Nar of Tehsil-Chopal, District-Shimla, Himachal Pradesh. |
| c) Capacity         | 46,455 MT for the lease period of 5 year.  |
| d) Mining Area      | 0-56-87 ha (Private land)  |
| e) EMP Cost         | Capital Cost: Rs. 1.90 lakhs; Recurring cost: Rs. 3.30 lakhs   |
| f) CSR cost         | Rs. 0.80 lakhs   |

The proposed project is extraction of stone from a hill slope situated near village Babar. As proposed the mining of stone will be by manual/semi-mechanical means. As proposed the bench formation will be of 6\*6 meters.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC has decided to relist the case in next meeting with the following observations:**

- The project proponent shall resubmit the readable maps (location, site plan etc.).
- The project proponent shall resubmit the prefeasibility report with corrections mentioned during the meeting.
- The project proponent shall resubmit revised EMP with revised CSR activity as per the direction of the Committee.

**2.18 Sh. Ashalata Devi, M/s Raj Stone Crusher, Village-Majhot, P.O. Ropa, Tehsil & District-Hamirpur, Himachal Pradesh.**

Brief outline of the project:

- |                     |   |
|---------------------|---|
| a) Project type     | Extraction/collection of Sand, Boulders and Bajri.  |
| b) Project Location | Khasra number 1407/1 (11-12 kanals), 1521/1408 (8-02 kanals) and 1523/1408 (22-14 kanals) falling in Mohal Panoh, Mauza Spahal, Tehsil-Sujanpur, District-Hamirpur, Himachal Pradesh. |
| c) Capacity         | 28,600 TPA from hill slope.   |
| d) Mining Area      | 42-08 kanals, private land.   |
| e) EMP Cost         | Capital Cost: Rs. 5.5 lakhs; Recurring cost: Rs. 3.1 lakhs  |
| f) CSR cost         | Rs. 1.10 lakhs  |

The proposed project is a hill slope mining project. The mining lease is proposed between 746 meters to 710 meters. Within the lease area, open cast method of mining by bench formation 4\*4 meters from top to bottom shall be followed.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case is listed for appraisal by the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC decided to list the case in next meeting after attending the following observations:**

- The project proponent shall resubmit detailed muck management plan with quantification.

**2.19 Sh. Suman Rana, GPA holder, M/s Sai Stone Crusher, Village-Chatthami, Post Office-Bharwana, Tehsil-Palampur, Himachal Pradesh.**

Brief outline of the project:

- |                     |  |
|---------------------|--|
| a) Project type     | Extraction/collection of Sand, Stone & Bajri.  |
| b) Project Location | Khasra number 1/1 (1-11-24 ha) & 325 (3-05-63 ha) situated in Mauza Lunj, Mohal-Malahru of Sub-Tehsil-Har Chakkiyan, |

	District-Kangra, Himachal Pradesh.
c) Capacity	54,000 TPA.
d) Mining Area	04-16-87 ha
e) EMP Cost	Capital Cost: Rs. 2.70 lakhs; Recurring cost: Rs. 0.62 lakhs
f) CSR cost	Capital Cost: Rs. 1.60 lakhs; Recurring cost: Rs. 0.49 lakhs

The Proposed project is open cast mining, collection of river borne sediments from the river bed. It has been proposed to mine boulders, bajri (pebbles) and sand from the proposed area.

The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-I.**

**2.20 Sh. Pratap Singh, S/o Sh. Nihal Singh, M/s Paras Stone Crusher, Village & Post Office-Buruwa, Tehsil-Manali, District-Kullu, 175103, Himachal Pradesh.**

Brief outline of the project:

a) Project type	Extraction/collection of Stone.
b) Project Location	Khasra number 760 situated in Mohal & Mauza-Palchan Solang, Tehsil-Manali, District-Kullu, Himachal Pradesh.
c) Capacity	37,120 TPA.
d) Mining Area	2-17-54 ha (Govt. land)
e) EMP Cost	Capital Cost: Rs. 4.85 lakhs; Recurring cost: Rs. 2.4 lakhs
f) CSR cost	Rs. 1.30 lakhs

The mining is confined to extraction of stone from the proposed mine site. The production of stone is for captive stone crusher.

The case was listed in 43<sup>rd</sup> Meeting of SEAC, where it was recommended that SEIAA may transfer the cases to DEIAA/DEAC in view of notification no. S.O. 141 (E) dated 15.01.2016 and S.O. 190(E) dated 20.01.2016. The SEIAA on 27<sup>th</sup> February, 2016 in its 24<sup>th</sup> Meeting decided that the constitution of DEIAA and DEAC are in progress so all such cases pending at SEIAA/SEAC level may continue to be dealt by SEAC as well as this authority.

The case was re-listed for appraisal before the Committee in view of decision of SEIAA and directions received from Principal Secretary (E,S&T) to the Govt. of Himachal Pradesh.


The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC decided to list the case in next meeting after the submission of Forest Clearance under Forest Conservation act by the PP.**

**ITEM NO 3: PROJECTS FOR APPRAISAL AS PER SUPPLEMENTARY AGENDA:**

**3.1 Sh. Amritpal Singh, M/s Salsan Steels Pvt. Ltd. Ram Nagar Ind. Area, Gagret, Tehsil-Amb, District-Una, Himachal Pradesh.**

Brief outline of the project:

a) Project type	Expansion of Salsan Steels Pvt. Ltd. (under category 3(a)-secondary metallurgical processing industry)
b) Project Location	Khasra number 93, 94, 96, 97, 3240/95, 3241/95, 101, 84, 80, 81, 83, 90, 91, 92, 97, 88, 89 Ram Nagar Ind. Area, Gagret, Tehsil-Amb, District-Una, Himachal Pradesh.

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c) Capacity	79,132 MT (Direct rolling-29,232 MT & Re-heating furnace-49,900 MT), as mentioned in project report.
d) Area	35.18 acres of land, 14,274 sqm (private land).
e) Cost of project	Existing: Rs. 1,865.79 lakhs; Proposed: Rs. 1,500.00 lakhs (total cost-3,365.79 lakhs)
f) EMP cost	Capital Cost: Rs. 75 lakhs; Recurring cost: Rs. 12 lakhs
g) CSR cost	Rs. 84 lakhs in 5 years.

The project proposal is a secondary metallurgical industry. The unit is manufacturing TMT bar, MS round square, Angle, Patti. As proposed the wastewater (sewage from domestic @ 80%) will be 6 KLD which will be treated in a sewage treatment plant of 10 KLD which is already installed at site. The blow down from DM plant as well as cooling will be treated in ETP of 5 KLD which is proposed at site. Treated sewage as well as effluent will be used for irrigation on 713 sqm of green land which will develop as Karnal Technology. The solid waste to be generated from the unit includes slag from Induction furnaces @ 9.9 MT/day solids separated from air pollution control devices (1,000 Kg/year) out of which approx. 600 Kg/day is generated presently, solid waste from population will be 29kg/day approximately. The slag will be sold to local recyclers. The source of water supply is tube well. The present requirement of the existing unit is 5,000 lts/day (4500 for quenching of TMT and 500 lts/day is domestic demand).

The project proponent has applied for issuance of ToR's on dated 03.10.2015. The project proponent has submitted proposed ToR's, letter from MS, PCB regarding renewal of consent to operate. Establish dated 30.08.2014, project report, detail of cost of project, letter from revenue department dated 28<sup>th</sup> February, 2008, general power of attorney, ID proof, letter from Manager, District Industrial Centre, Una dated 23.09.2015, letter from GM, District Industries Centre, Una dated 24.08.2009, undertaking by project proponent dated 28.09.2015, list of flora and fauna by DFO-Una dated 15.09.2015, list of fast growing species by project proponent, letter from Directorate Industries regarding setting up of an industrial undertaking for the manufacture of TMT Saria, letter from Director Industry dated 15.03.2014 regarding expansion proposal of M/s Salsan Steels Pvt. Ltd., flow chart of heating furnace, material balance chart (after expansion), letter from MS, PCB dated 12.10.2011 regarding authorization for operating a facility for generation and storage of hazardous waste, letter from Sr. Executive Engineer, Gagret regarding power availability certificate (PAC) for 6500 KW load, on-site and offsite emergency plan, site photographs, map of the site, site plan, plan of STP having capacity of 10 KLD, schematic flow diagram for effluent treatment plant of capacity 5 KLD etc.

The case was represented before SEAC in 43<sup>rd</sup> Meeting. After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC issued the standard ToR's as per EIA Notification, 2006 with following additional ToRs:


- A team of SEAC Members viz. Sh. R.K. Sood, IFS (Rtd.), Sh. Arun Sharma & Dr. R.K. Sood shall visit project site on 11/3/2016 and submit its report before consideration of case for appraisal.
- The Project Proponent shall submit NOC from State Ground Water Authority & IPH regarding availability of water to be used in the unit.
- The Project Proponent shall submit the Energy Balance w.r.t. Energy Consumption.
- The Project Proponent shall calculate carbon footprints.


The case was represented before SEAC. **After deliberating on the information submitted by the project proponent and considering the facts placed before the committee, the SEAC recommended the case application for consideration of grant of environmental clearance by the SEIAA, subject to fulfillment of conditions annexed at Annexure-III.**

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4. Any other Item with permission of chair:

Meeting ended with vote of thanks to and from the Chair.

  
(Parveen Gupta)  
Secretary, HPSEAC

  
(Shailendra Nigam)  
Chairman, HPSEAC


Endst. No.: SEAC 44<sup>th</sup> Meeting Day-I/2016-

Dated 2/4/2016

Copy to following for information and further necessary action please:

1. The Member Secretary, State Level Environment Impact Assessment Authority, Himachal Pradesh, Shimla-1.
2. Case files of all projects, Guard file.

**Note:** Minutes of the Meeting are being hosted on the official website of SEIAA and all concerned shall download it for taking further necessary actions relevant to their project.

  
(Parveen Gupta)  
Secretary,  
Himachal Pradesh State Expert Appraisal Committee,  
Shimla, Himachal Pradesh.

**A. Specific Conditions:**

1. Stone and Bajri (if extracted) is not allowed to be sold to crushers not having consent to establish and operate and also not complying with the condition stipulated by State Pollution Control Board.
2. The project proponent shall obtain Consent to Establish and Consent to Operate from the Himachal Pradesh Pollution Control Board and effectively implement all the conditions stipulated therein.
3. Environment clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.
4. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity/ production levels shall accordingly be decreased/ stopped.
5. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
6. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to MoEF&CC and its Regional Office and CPCB, SPCB regularly.
7. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
8. The project proponent shall undertake adequate safeguard measures during mining and ensure that due to this activity the hydro-geological regime of surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the MoEF&CC and its Regional Office Dehradun, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
9. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
10. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
11. Vehicular emission shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
12. No drilling and blasting operation shall be carried out.
13. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
14. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



15. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
17. The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.

**B. General Conditions:**

1. No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM<sub>10</sub>) and NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
4. Data on ambient air quality should be regularly submitted to the MoEF&CC including its Regional office located at Dehradun and the State Pollution Control Board/ Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009 should be allowed for monitoring.
5. Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
6. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
7. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional Office located at Dehradun.
10. The project authorities should inform to the Regional Office located at Chandigarh regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
11. The Regional Office of this Ministry located at Chandigarh shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
12. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional Office Dehradun, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their

website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.

13. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
14. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
15. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MoEF&CC, Dehradun by e-mail.
16. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the MoEF&CC at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of MoEF&CC at Dehradun.

**A. SPECIFIC CONDITIONS:**

1. The water requirement for the project shall be sourced from the rainwater harvesting system developed within the premises. Water consumption shall be only for domestic purpose.
2. There shall not be any wastewater generation nor any discharge from the project activities.
3. Domestic wastewater shall be discharged into septic tank/ soak pit system.
4. The storm water drains shall be kept dry and shall not be used for discharge of any kind of waste. The project proponent shall prepare an Action Plan for the monsoon period in which the water quality flowing outside the premises shall be monitored for hydrocarbon and oil & grease parameters and its records shall be maintained & submitted to MoEF&CC regional office, Dehradun and HP SEIAA.
5. Gaseous emission at workplaces shall be controlled and kept below the limits prescribed by the Factories Act and Rules. Their records shall be maintained.
6. The gaseous emissions and particulate matter from various processes shall conform to the standards prescribed by HP State Pollution Control Board & CPCB. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the prescribed standards.
7. The unit must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules 2003. Authorization from the HP SPCB must be obtained for collection / treatment /storage /disposal of hazardous wastes.
8. The project management shall strictly comply with the provisions made in Manufacture Storage and Impact of Hazardous Chemicals Rules 1989 and subsequent amendments for handling of hazardous chemicals. Necessary approvals from the Govt. Authorities shall be obtained before commissioning of the project, if applicable.
9. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act & Rules.
10. Hazardous materials storage shall be at an isolated designated location, bund/ dyke walls shall be provided for storage tanks for Hazardous Chemicals.
11. All transportation routes within the premise shall have paved roads to minimize splashes and spillages.
12. Mock drills shall be conducted at regular intervals as per statutory requirements and their records shall be maintained.
13. Necessary dyke wall along with spill collection sump shall be provided around the storage tanks to arrest the spillage/ leakage.
14. All the storage tanks in the premises shall be provided with sprinkler as per OISD norms.
15. Fire protection system shall be upgraded for the additional storage tanks installation and shall conform to OISD standards.
16. Necessary flame proof fittings shall be provided in the storage facility.
17. Proper ventilation shall be provided in the whole premises.
18. All venting equipment shall have vapour recovery system. All the pumps and other equipments where there is a likelihood of leakages shall be provided with Leak Detections and Repair (LDAR)

system. Provisions for immediate isolation of such equipment in case of a leakage shall also be made. The detector sensitivity shall be in ppm levels.

19. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Close handling system for chemicals shall be provided. Double mechanical seals shall be provided for pumps /agitators for reactors for reduction of fugitive emissions and leakages. Traps shall be installed wherever necessary.
20. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic waste and storm water drain.
21. Personal Protective Equipment shall be provided to workers and its usage shall be ensured and supervised.
22. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity at all the times.
23. Training shall be given to all personnel on safety and health aspects of handling petroleum products including regular mock drills.
24. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act and Rules. Pre-employment and periodical medical examination for all workers shall be undertaken as per statutory requirement.
25. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Himachal Pradesh State Disaster Management Authority and other concerned agencies.
26. On site Emergency Control Plan and Off Site Emergency Plan shall be updated and its recommendation shall be implemented.
27. Design of the storage tanks shall be done in accordance with the applicable OISD, IS, API, ASME standards.
28. Necessary permissions from the Chief Controller of Explosive-Nagpur and other relevant Government Agencies shall be taken prior commencement of the project.
29. Ambient air quality status with respect to VOC in the area shall be monitored in consultation with Himachal Pradesh State Pollution Control Board and its records shall be submitted to MoEF&CC regional office, Dehradun and HP SEIAA.
30. First Aid Box, fire extinguishers, foams, sand etc. shall be made readily available in adequate quantity at all the times. Necessary tie up with the nearby fire stations and other emergency services shall be made to ensure that the required aids reach within the shortest possible time in case of any adverse conditions.
31. The unit shall undertake following waste minimization measures:
  32. Use of automated and close filling to minimize spillages.
  33. Venting equipment through vapour recovery system.
  34. The company shall develop a plot area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions and shall plant indigenous tree species such as *Kikar, Khair, Peepal, Amla, Mango, Gauva* etc.
  35. The proponent shall adopt appropriate plan to contain escape of VOC.
  36. The proponent shall adopt appropriate plan to prevent ground water contamination.
  37. Appropriate plan to prevent probable impact on human habitat in the event of fire hazards shall be put in place.
  38. The project authorities shall undertake intensive awareness program among those living at the vicinity of the project site with regard to emergency safety plan.

## **B. GENERAL CONDITIONS:**

1. The project authorities must strictly adhere to the stipulations made by the Himachal Pradesh State Level Environment Impact Assessment Authority (HP SEIAA) and the State Government.
2. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/ traders.
3. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of fire-fighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
4. No further expansion or modification in the project shall be carried out without prior approval of the Himachal Pradesh State Level Environment Impact Assessment Authority (HP SEIAA). In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
5. The emissions of (RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>, HC & VOC) from DG Set and from flare stack shall conform to the standards prescribed by the HP State Pollution Control Board & CPCB. Regular monitoring of Ambient Air for HC and VOC shall be carried out as per CPCB guidelines. Stack height attached to DG sets shall be in-conformance with the environment protection acts and rules.
6. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous chemicals Rules, 1989 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.
7. The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous Wastes (Management and Handling) Rules, 1989 and subsequent amendments as applicable. Authorization from the Himachal Pradesh State Pollution Control Board must be obtained for collections/ treatment/ storage/ disposal of hazardous wastes.
8. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989.
9. A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
10. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA, Himachal Pradesh as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.
11. The Regional Office of this MoEF&CC at Dehradun, Himachal Pradesh State Level Environment Impact Assessment Authority and other concerned agencies will monitor the stipulated conditions. A half yearly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.
12. The project proponent shall inform the public that the project has been accorded environmental clearance by the HP SEIAA and copies of the clearance letter are available with the HP SEIAA and may also be seen at State of Himachal Pradesh web portal at <http://environmentclearance.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the

Regional Office of MoEF at Dehradun & H.P. State Level Environment Impact Assessment Authority at Department of Environment, Science & Technology, Himachal Pradesh.

13. The project authorities shall inform the Regional Office of MoEF at Dehradun & H.P. State Level Environment Impact Assessment Authority at Department of Environment, Science & Technology, Himachal Pradesh about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
14. The Authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.
16. Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.
17. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management & Handling) Rules, 1989, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
18. The issue of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining statutory clearances/ sanctions form all other concerned Authorities.
19. The project proponent should display the conditions prominently at the entrance of the project site on a suitable size board for the information of the public.
20. Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
21. Any Appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

**Part-A- Specific Conditions:**

**i) Construction Phase**

1. "Consent to Establish" shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 a copy of same shall be submitted to State Environment Impact Assessment Authority (SEIAA) before start of any construction work at the site.
2. Provisions shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
3. All required sanitary and hygienic measures should be taken before, during and after the completion of project.
4. A First Aid Room will be provided in the project both during construction and operation phase of the project.
5. Adequate drinking water, fuel and sanitary facilities should be provided for construction workers at the site. Provisions should be made for mobile toilets. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
6. All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
7. Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed-off taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority.
8. Soil and ground water samples shall be got tested from authorized agency to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
9. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the competent authority.
10. Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low sulphur diesel type should be used.
11. The diesel required for operating DG sets shall be stored in under tanks and if required, clearance from Chief Controller of Explosives shall be taken.
12. Vehicles/ equipment deployed during construction phase should be in good condition and should conform to applicable air and noise emission standards, should have vehicle pollution check certificate and should be operated only during non-peaking hours.
13. Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO<sub>2</sub> and NO<sub>x</sub>) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority.
14. Storm water control and its re-use for various applications as per guidelines.
15. Boundary wall shall be constructed in such a manner as not to be obstructing the flow of storm water. Necessary arrangement shall be made for the drainage of surrounding area.

16. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.
17. Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project.
18. Opaque wall should meet perspective requirement as per Energy. Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is operational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
19. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
20. The proponent shall be liable for action under the Environment (Protection) Act, 1986 for the violation of any provision of the said Act.

**ii) Operational Phase**

1. The installation of the Effluent Treatment Plant/Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Member Secretary, HPSEIAA at Director, Department of Environment, Science & Technology before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards prescribed. Necessary measures should be made to mitigate the odour problem from STP.
2. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable materials.
3. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. The proponent shall be required to use low sulphur diesel. The location of the DG sets may be decided in consultation with the competent authority.
4. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
5. The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
6. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon periods.
7. Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mtrs. above the highest ground water table.
8. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
9. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized as per norms prescribed by the Competent Authority and no public space should be used for this purpose.
10. Energy conservation measures like installation of CFLs for the lighting the surrounding areas/outside areas the building should be integral part of the project design and should be in place before project commissioning. Used CFLs/ TFLs should be properly collected and disposed off/



sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the possible extent.

11. Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.
12. Sprinkling of water etc. be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.

**Part-B- General Conditions:**

1. The environmental safe guards contained/given in the proposal for management of environmental pollution should be implemented in letter and spirit.
2. Six monthly environment monitoring reports should be submitted to the State Environment Impact Assessment Authority and Ministry of Environment & Forests Regional Office at Dehradun
3. Officials from the State Environment Impact Assessment Authority, Regional Office of MoEF, Dehradun and Department of Environment, Science & Technology GoHP who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to the State Authority Should be forwarded to the Regional Office of MoEF, Dehradun.
4. In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.
6. All other statutory clearances shall be obtained, as applicable by the project proponents.
7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.
8. Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.
9. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

**Part-C- Special Conditions:**

1. The Project Proponents shall submit the Carbon balance sheet, Water balance sheet and Energy balance sheet to authority, as was exhibited to SEAC, during presentation from time to time.
2. The project Proponent shall submit the water balance sheet to the authority.
3. The air pollution control devices/ ETP / STP shall be provided with interlocking with the main electric supply to the unit having independent energy meter respectively.
4. The Project Proponents shall submit returns/ details of recyclable wastes, and other solid wastes which shall be generated from the process to the Authority regularly.

5. The HPSPCB shall conduct regular monitoring of emissions and treated air, water quality of the project.
6. The Proponent shall undertake installation and commissioning of the requisite pollution control devices concurrent with the construction of proposed project and shall submit progress report to the Authority.
7. The Project Proponent shall obtain the No Objection Certificate for ground water use/ installation of tube well from Central Ground Water Authority/ IPH Department and submit a copy of same to the Authority.
8. The Project Proponent shall install Pulse jet Bag Filter, Cyclone, Stack with latest Technology and shall manage the APCD' s in the prescribed norms and the same shall be of adequate capacities to control the removal of fumes from fugitive emissions.
9. The DG sets shall be provided with proper exhaust muffler and stack height . DG set and other fugitive emission sources shall be more than 10-15 feet above room level. Norms prescribed for DG Sets in the Environment Protection Rules, 1986 shall be complied with.
10. The Project Proponents shall install Sewage Treatment Plant (STP) with tertiary treatment comprising of Physico-chemical, biological (SAPP Reactor) and tertiary treatment (Dual media filter) for treatment of sewage.
11. All the hazardous wastes shall be managed as per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, as amended to date for Isolated Storage and Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 as amended from time to time under Environment (Protection) Act, 1986 and authorization from prescribed authority under the Rules shall be obtained.
12. The Project Proponent shall ensure that there are proper arrangements for management of occupational health and safety in accordance with the law as required for machinery safety, personnel safety and health care, fire & explosion safety and shall have proper onsite and offsite emergency plans in place as may be required under relevant Law. The labourers shall be provided with gumboots, aprons, gloves, hamlets etc. desired health safety equipments for their safety during the operational stage of the project.
13. Rolling mill furnace shall be provided with cyclone and wet scrubber for control of emissions.
14. Unit shall provide high energy efficiency furnaces/ equipments and shall take steps for heat recovery as future strategy.