

F. No. J-11011/679/2008-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

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Dated: 14th October, 2019

To

Shri. Madhur Agarwalla,
Director
M/s. Maithan Steel and Power Limited
9, AJC Bose Road, Ideal Centre,
6th floor, Kolkata,
Kanska, Barddhaman,
West Bengal – 700017.

Tel: 033-39877233; E-mail: madhur@maithangroup.com

Subject: Expansion of Steel Melting Shop (IF with LF & CCM: from 135000 TPA to 375000; Rolling Mill: from 90000 TPA to 297000; Cold Drawing Workshop: 33000TPA by **M/s. Maithan Steel & Power Limited** located at Nakrajoria, PS-Salanpur, **District-Paschim Bardhaman, West Bengal – Amendment in Environmental Clearance regarding change in configuration of Induction Furnace & Ladle Refining Furnace from 8X15 T IF + 2 CCM + LRF to 4 X 15 T IF + 3 X 20 T IF + 2 CCM +LRF– regarding.**

Sir,

1. This refers to online application of M/s. Maithan Steel & Power Limited made vide proposal no. IA/WB/IND/113464/2019 dated 6/08/2019 in Form 4 and sought for amendment in the Environmental Clearance accorded by the Ministry vide letter no. J-11011/679/2008-IA-II(I) dated 16/04/2019 regarding change in configuration of Induction Furnace & Ladle Refining Furnace from 8X15 T IF + 2 CCM + LRF to 4 X 15 T IF + 3 X 20 T IF + 2 CCM +LRF.
2. The proposal cited above was considered in the 10th meeting of the Reconstituted Expert Appraisal Committee [REAC] (Industry-I) held on 22-23rd August, 2019. The EAC proceedings of the proposal cited above is given as below.

Details submitted by the Project Proponent

3. M/s. Maithan Steel & Power Limited located at Nakrajoria, P S- Salanpur, Dist: - Paschim Bardhaman has been granted EC vide letter No: J-11011/679/2008-IA-II(I), dated 16th April, 2019 for expansion of its steel production capacity from 1,35,000 TPA to 3,75,000 TPA with following project configuration and capacities.

| Units | Existing Facilities as per EC-J-11011/679/2008-IA II(I) | Existing capacity in TPA | Proposed facilities | Proposed Capacity In TPA | Final Configuration | Final Capacity In TPA | End use |
|-----------------------|---|----------------------------|--|------------------------------|-------------------------|--|---------------------|
| IF with LF & CCM | 3x15 T IF + 1 CCM | 1,35,000 billets | 5x15T IF +1 CCM +LRF | 2,40,000 billet | 8x15 T IF + 2 CCM + LRF | 3,75,000 billet | Rolling Mill & Sale |
| Rolling mill | 1x300 TPD | 90,000 Hot rolled products | 600 TPD | 2,07,000 Long & flat product | 1x600 TPD | 2,97,000 Long & flat product like TMT, Ms Round, wire rod and structural steel & Flat product like strips | Sale |
| | | | (Existing 300 TPD RM to be expanded to 600 TPD and a new 1x300 TPD RM to be installed) | | 1x300 TPD | | |
| Cold drawing workshop | Nil | Nil | 1x100 TPD | 33,000 | 1x100 TPD | 33,000 Cold drawn Torkari, Black wire. Nails, corrugated sheets, Wire Mesh, MS Pipes & Structural Tubes etc. | Sale |

4. The amendment required is only to change configuration of approved 8x15T IFs to 4x15 T IF & 3x20T IFs, the total production capacity will remain same 3,75,000 TPA as approved in EC and there will be no change in emission load. All other facilities and configurations as approved in EC will remain unchanged.

5. The reasons for proposing 3x20T IF against approved 4x15T IF are
- Cost reduction
 - Less requirement of space,
 - Less energy consumption per ton of product.
 - No change in pollution load: as Production is by melting of metal by electric current only and no other fuel will be used.
 - Raw materials are a) sponge iron, b) pig iron and c) scrap, which will not change and no coal or any other fuel will be used in IF.

6. The final configuration & capacity after amendment will be as follows:

| Units | Existing Facilities as per EC-J-11011/679/2008-IA II(I) | Existing capacity in TPA | Amendment facilities | Amendment Capacity In TPA | Final Configuration after amendment | Final Capacity In TPA | End use |
|------------------|---|--------------------------|--------------------------------|------------------------------|-------------------------------------|-----------------------------------|---------------------|
| IF with LF & CCM | 3x15 T IF + 1 CCM | 1,35,000 billets | 1x15T IF, 3x20T IF +1 CCM +LRF | 2,40,000 billet | 4x15 T IF, 3x20T IF+ 2 CCM + LRF | 3,75,000 billet | Rolling Mill & Sale |
| | | | 600 TPD | 2,07,000 Long & flat product | 1x600 TPD | 2,97,000 Long & flat product like | Sale |

Expansion of Steel Melting Shop (IF with LF & CCM: from 135000 TPA to 375000; Rolling Mill: from 90000 TPA to 297000; Cold Drawing Workshop: 33000 TPA by M's. Maithan Steel & Power Limited located at Nakrajoria, PS-Salanpur, District-Paschim Bardhaman, West Bengal – Amendment in Environmental Clearance regarding change in configuration of Induction Furnace & Ladle Refining Furnace from 8x15 T IF + 2 CCM + LRF to 4 X 15 T IF + 3 X 20 T IF + 2 CCM + LRF – regarding.

| Units | Existing Facilities as per EC-J-11011/679/2008-IA II(I) | Existing capacity in TPA | Amendment facilities | Amendment Capacity In TPA | Final Configuration after amendment | Final Capacity In TPA | End use |
|-----------------------|---|----------------------------|--|---------------------------|-------------------------------------|--|---------|
| Rolling mill | 1x300 TPD | 90,000 Hot rolled products | (Existing 300 TPD RM to be expanded to 600 TPD and a new 1x300 TPD RM to be installed) | | 1x300 TPD | TMT, Ms Round, wire rod and structural steel & Flat product like strips | |
| Cold drawing workshop | Nil | Nil | 1x100 TPD | 33,000 | 1x100 TPD | 33,000 Cold drawn Torkari, Black wire. Nails, corrugated sheets, Wire Mesh, MS Pipes & Structural Tubes etc. | Sale |

Observations and recommendation of the Committee:

7. After detailed deliberations, the committee recommended for the change in configuration of the induction furnace from 8X15 T IF + 2 CCM + LRF to 4 X 15 T IF + 3 X 20 T IF + 2 CCM +LRF.

Decision of MoEF&CC

8. The Ministry of Environment, Forest and Climate Change (MoEF&CC) has considered the aforesaid proposal based on the recommendations of the Expert Appraisal Committee (Industry 1) and hereby decided to grant amendment in the EC dated 16/04/2019 as given below:

The configuration of the IF with LF & CCM given in the table at paragraph no.3 of the EC accorded vide letter dated 16/04/2019 shall be read as below:

“4x15 T IF, 3x20T IF+ 2 CCM + LRF”

9. All other terms and conditions mentioned in the Environment Clearance letter no. J-11011/679/2008-IA-II(I) dated 16/04/2019 shall remain unchanged.
10. The PP shall obtain fresh Environment Clearance in case of change in scope of the project if any.
11. This issues with the approval of the Competent Authority.

Yours faithfully,



(A.K. Agrawal)
Director

Copy to:-

1. Secretary, Department of Environment, Government of West Bengal, Secretariat Kolkata.
2. Deputy Director General (Central), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubneshwar-751 023.
3. Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A- Block LA, Sector -III, Salt Lake City, KOLKATTA – 700 098.
4. Member Secretary, Central Ground Water Authority, West Block -II, Wing -3, Sector I, R.K.Puram, New Delhi – 110086.
5. District Collector, Paschim Bardhaman District, State of West Bengal.
6. Guard File / Record file / Monitoring file.
7. MOEF&CC Website.



(A.K. Agrawal)
Director