



MARUTI FERROUS PVT. LTD.

Br. Off. : B-6, Farishta Complex, RAIPUR - 492001 (C.G.)
Factory : Gram Sondra, Dharsiva, RAIPUR - 493221 (C.G.)
E-mail : marutiferrous@rediffmail.com

Telephone : 0771-2543425 (O), Fax : 4047090, Cell : 93002 95880, 93003 04386, 93002 95810

Ref No

Date

Ref : MFPL/VT/2019-20/037

Date: May 19, 2019

To

The Member Secretary

Industrial Appraisal Division (I)

Environment Appraisal Committee (Industrial-I),

C/o Ministry of Environment, Forest and Climate Change,

Through Section Officer,

Third Floor, Vayu Wing, Indira Paryavaran Bhawan,

Jorbag Road, Jorbagh, New Delhi - 110003

Subject:- Change in Product Mix in Induction Furnace through direct Rerolling of Hot Billets in existing Rolling Mill. Application for amendment in existing EC under para 7(ii) of EIA Notification 2006.

Ref:

- (i) Our Environment Clearance letter No. J-11011/592/2007 IA-II (I) Dated 17.01.2008**
- (ii) Consent to Operate for Induction Furnace 96000 TPA MS Ingot/Billet Production**
- (iii) Consent to Operate for Billet Reheating Furnace based Rerolling Mill 60000 TPA Rerolled product manufacturing.**

Dear Sir,

- A.** We are submitting our online application for grant of "change in product mix" in our existing EC under 7(ii) to allow us to transfer the 96000 TPA hot billets from existing induction furnaces to existing rolling mill to change the shape from Billet to rerolled steel.
- B.** Under the existing EC, the company has implemented two separate and independent facilities on two independent pieces of adjoining lands (a) Induction Furnaces to produce 96000 TPA MS Ingot/ Billets and (b) separate Rerolling Mill with Reheating Furnace based to produce 60000 Steel Rerolled Product.

.continued on page No.2



The application is submitted to change in product mix in Induction Furnace based MS Billet Production, through addition of Hot Charging facility and directly feeding the Hot MS Billets to existing Rerolling Mill to directly convert it to Rerolled product. Thus the product mix in Induction Furnace becomes as 96000 TPA Billets/ **"Steel Re Rolled Products"**.

We have decided not to increase the production from Induction furnaces.

Also we will not increase the number of operating days . We will maintain the same production capacity of Billets (i.e. 96000 TPA) as permitted in existing EC.

There will not be any change in production capacity in the Billet reheating Furnace based Rolling capacity of 60000 TPA. It will remain the same.

There will not be any change in existing furnaces and there will not be any increase in capacity of existing furnaces than permitted under the existing EC.

The details of existing product mix and proposed change in product mix is as follows:

Existing Products	Existing capacity	Proposed Products	Proposed capacity	Remark
Induction Furnace to produce "MS Billet"	96000 TPA	Induction Furnace to produce "MS Billet or Steel Rerolled products" (through Hot Charging in existing Rerolling Mill)	96000 TPA	No change in existing production capacity of Billet in Induction Furnaces. Only Hot Billets will be fed to existing Rerolling Mill to produce Rerolled Steel
c) Rerolled Steel product through Reheating Furnace based rolling mill;	60000 TPA	Rerolled steel product through Reheating Furnace based rolling mill	60000 TPA	No change in existing production capacity of Rerolled Structural steel

.continued on page No.3



Brief History of Implementation of existing facility:

We wish to submit that we are operating our existing facilities under the issued Environment clearance No.J-11011/592/2007 IA-II (I) Dated 10/17.01.2008, which is already implemented and operational with Induction Furnaces to produce 96000 TPA MS Ingot/Billet and a separate units based on Billet Reheating Furnace based Rerolling Mill to produce 60000 TPA Rerolled Steel.

On 31.12.2004 we had implemented 36000 TPA MS Ingot/ Billet production facility.

Afterwards we obtained Environment Clearance on dated 10/17.01.2008 for expansion of capacity from 36000 TPA MS Ingot production to 96000 TPA MS Ingot/ Billet production and for installation of a separate 60000 TPA Rerolled Steel manufacturing through Billet Reheating Furnaces based rerolling mill.

Subsequently we obtained consents under Air act and water act from State Pollution Control Board through Permission to Establish No 3256/TS/CECB/2008 Dated 20.06.2008 for Induction Furnaces to produce 96000 TPA MS Ingot/ Billet, and separate Consent vide Permission to Establish No. 5698/TS/CECB/2009 Raipur, Dated 28.10.2009 for 60000 TPA Re Rolling Mill with Furnace Oil based Billet Reheating Furnace to Reheat Cold Billet and convert in to Rerolled Steel products.

The consent of Rolling Mill to produce 60000 TPA Rerolled Steel Product from Reheating Furnace based Rerolling Mill was renewed on 31.12.2018 and is valid till 31.12.2020.

Similarly the Consent for Induction Furnace division to produce 96000 TPA MS Ingot/Billet was renewed on 31.12.2018 and is valid till 31.12.2021.

The proposed change in product mix does not require and fuel and also does not cause any additional pollution.

The proposal in brief:

There will be no change in production capacity of Induction furnace from 96000 TPA MS Billets. It is proposed to utilized the hot billet produced from Induction Furnace division at rollable temperature in existing rolling mill. The proposal does not involve addition of Induction Furnace, nor involves implementation of new Rolling Mill. The rolling mill will be run in three shifts in place of one shift.



.continued on page No.4

The capacity of existing Reheating Furnace based rerolled steel production will remain unchanged at 60000 TPA. The improvement in fuel efficiency is proposed at the existing billet reheating furnace by which furnace oil consumption will be reduced from 50 liter/MT of rerolled steel to 45 litre/MT of rerolled steel. Thus the pollution load and Fuel consumption will be slightly reduced.

The proposed process modernization in rerolling mill will be totally driven by electrical motors and will not add to any additional pollution load.

The productivity at the existing rerolling mill will be enhanced by increasing the production from single shift to three shifts and making some changes in the Mill stands and drives to accommodate the three shift production.

There will not be any increase in Fuel consumption and also there will not be any increase in pollution load.


Request:

Thus we request you to kindly grant us Environment Clearance under para 7(ii) of EIA notification for Change in product mix for adoption of this hot charging process in our existing Induction Furnace and rerolling mill for additional production of rerolled products from the available hot Billets.

Thanking You

Sincerely Yours

For, **Maruti Ferrous Pvt Ltd.**


[Rajesh Kumar Tola]
Director



Encl:

2. Brief Summary of the Project
3. Addendum to EIA/EMP
4. Compliance certificate issued by ROMOEFCC.
5. Consents from State Pollution Control Board for both the facilities