



# SHIVAM IRON & STEEL CO. LTD.

Reg. Office : East India House, 9th Floor, 20-B, Abdul Hamid Street, Kolkata - 700 069, India.  
Phone : 91-33-4066-1463, Fax : 91-33-4602-2441  
E-mail : shivamironsteel@gmail.com, shivam@shivamiron.com  
Website : www.shivamiron.com

Annexure - IX

## Time Bound Action Plan

M/S Shivam Iron & Steel Co.Ltd; (Ferro Alloys Division) is located at: Jambad, Udnabad, Dist:- Giridih (Jharkhand), which production capacity is 27429.20 TPA of Silico Manganese and Ferro Manganese.

**Products :-** Silico Manganese & Ferro Manganese- 27429.20 TPA.

**Raw Materials:-** Manganese Ore, Coke etc.

That to reduce solid waste generation we are importing a good quality of Raw materials including mn. Ores and coke. The generated slag is being confirmed regularly by TLCP test. Further we exploring other possible efforts to dispose it off.

That the slag generated from the production of Ferro manganese is being used as raw materials of silicon manganese.

That the slag generated from silicon manganese is being used for filling low land areas of vicinity.

That the dust from pollution control devices, is presently sold to Bricks manufacturing plant.

A Detail Action plan for reduction of solid waste is annexed hereto as annexure- VI.

Encl.

SHIVAM IRON & STEEL CO. LTD.

Auth. Signatory

*(Signature)*

A GOVERNMENT OF INDIA RECOGNISED "STAR EXPORT HOUSE" CIN : U00331WB1998PLC153383

Admin. Office : Kalyani Apartment, 1st Floor, Gandhi Chowk, Giridih-815301, Jharkhand, India, Phone : 91-6532-250821 / 250073, Fax : 91-6532-229326  
Works : Dukhia Mahadev Temple Road, Jambad, P.O.: Udnabad, Giridih, Jharkhand, India, Phone : 91-6532-244182 / 244027, Fax : 91-6532-244082  
MBF Division : Biswasdih, P.O. : Gadi Srirampur, Dist. : Giridih, Jharkhand, Mob. : 9204652161  
Sponge & Power Division : Bandhi, Digdhu, P.O. Chandwara, Jhurnitelaia, Dist-Koderma (Jharkhand), Mob. : 9204555407

# Binod Bricks Company

Deals in Bricks & Paver Blocks  
MOHANPUR, TUNDI ROAD, GIRIDIH (JHARKHAND)

Ref. No.....


Date.....

## Memorandum of Undertaking

Dated:- 15.11.2021

This is to certify that a MOU has been signed between Shivam Iron & Steel Co. Ltd; having its registered office at East India House, Abdul hamid Street, Koikata-700069 , and Binod Bricks , Mohanpur, Giridih-815301 that the Ash generated during production from Bag Filters of Ferro Alloys in the unit of Shivam Iron & Steel Co. Ltd; will be totally consumed by Binod Bricks.

SHIVAM IRON & STEEL CO. LTD.

  
Auth. Signatory  
*R.N. [Signature]*  
15.11.2021

Binod Bricks Company  
*[Signature]*  
Proprietor

To,  
m/s Shivam Iron & Steel Co. Ltd;  
At:- Jambad,  
PO:- Udnabad,  
Dist:- Giridih.(Jharkhand)

**Sub:- To provide the waste generated from Ferro Alloys Plant.**

Dear Sir,

Under the subject we request your good self to provide the waste generated from Ferro Alloys Plant for filling the low lying areas and for use in construction works.

Further it is also stated that the company shall be assured to carry out the required laboratory test before dispatch of solid waste will be used for the above said activities.

With regards,  
Sandhya Devi  
Mukhiya,  
Gram Panchayat- Udnabad,  
Prakhand & Zila- Giridih.

संख्या 591  
प्रधान कार्यकारी समिति  
ग्राम पंचायत-उदनाबाद  
16/11/2024