



KALYANI
DRIVING INNOVATION

KALYANI STEELS LIMITED

Hospet Road, GINIGERA - 583 228., Taluk & Dist. Koppal, Karnataka

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CIN: L27104MH1973PLC016350

TO WHOME SO EVER IT MAY CONCERN

This is to certify that M/s YANTRA HARVEST ENERGY PVT. LTD. has designed, engineered and manufactured, supplied and commissioned MV VFD system as a turn-key project of retrofit nature on existing squirrel cage induction motors of rating of 1400 KW/ 11 kV of Sinter plant 1 ID fan application at our Ginigera, Koppal plant.

The scope of work envisaged complete solution using Siemens make MV VFD of 1400 kW/ 11 kV along with Delta/ Star isolator panel, civil, air conditioning, electrical cables and its layout, ducting, termination and interface with existing PLC system and no changing or modification was made on existing standard induction motor which was running on DOL operation.

We have received good engineering support from M/s YANTRA HARVEST ENERGY PVT. LTD. And the MV VFD system performance along with motor performance has been satisfactory. The system rating is as mention below,

SR. NO.	APPLICATION	DRIVE RATING	DATE OF COMMISSIONING	ENERGY SAVING ACHIEVED
1	ID FAN (SINTER 1)	1400 KW/ 11 KV	21.10.2014	190 KW

Place: *Ginigera*

Date: *31.03.15*

For Kalyani Steels Ltd.

[Signature]
Authorized Signatory
(BK chandary)

