

Invitation for nomination for Energy Cum Investment Manager's Training Programme on "Energy Efficiency in Rolling Mill for Steel Re –Rolling Mill Sector "to be held from 27th February to 2nd March'2012 at Mandi Gobindgarh.

Dear Sir

As you are aware, Ministry of Steel, Govt.of India is executing a UNDP/GEF assisted project for the improvement of Energy Efficiency and overall reduction in GHG emission in the SMEs of Steel Re-Rolling Mills, through the project Management Cell (PMC). As a part of the above project PMC in association with National Institute of Secondary Steel Technology, Mandi Gobindgarh is organizing a 5 day training program to develop Energy-cum –Investment Managers in the field of "Steel Re-Rolling Mill Sector", to be held from 27th February to 2nd March'2012 at NISST Mandi Gobindgarh.

The detailed program schedule is attached herewith for your ready reference .The training programme will throw light on energy efficiency measures for investment grade technology upgradation for the steel re-rolling mills. It will be a golden opportunity for Organizations/Consultants/Equipment suppliers to get trained in the Electrical and Thermal Audit, improvement in productivity & improving energy efficiency in SRRM sector.

You are requested to send nomination of your qualified employees. **There is no participation fee** for attending the seminar. Besides, **outstation participants will be reimbursed to & fro 2nd AC travel expenses of Rail. Boarding and Lodging shall also be organized by NISST free of cost.** However, limited seats are available. Hence it shall be first come first basis.

You are requested to fill up the enclosed registration form and forward the same to the undersigned by 15th February to enable us to make necessary arrangement. We look forward for your active participation in the Training Programme.

Thanking you,

Yours faithfully

Anil Mohindru
Dy. Director (E)

**Five day Training for “Energy cum investment Managers”
on
“Energy Efficiency in Rolling Mill for Steel Re-Rolling Mill Sector”**

- I. ENERGY audit In SRRM (*Four Days*)
 - I.1 **Introduction** (*One Day*)
 - a. Energy Management & Audit
 - b. Waste minimization & resource conservation
 - c. Technology Packages and Eco-Tech Options
 - I.2 **Thermal Audit Including Technical Audit** (*One Day*)
 - a. Fuel and combustion
 - b. Furnaces
 - c. Insulation & Refractory
 - d. Cogeneration Waste Heat Recovery
 - I.3 **Electrical Energy Audit (EEA)** (*One Day*)
 - a. Electrical Systems
 - b. Electrical Motors
 - c. Fan and Blowers
 - d. Pumps and Pumping System
 - e. Lighting System
 - f. Other Electrical Equipment Used in SRRM
 - I.4 **Investment Grade Energy Audit (IGEA)** (*One Day*)
 - a. What is IGEA and its Need
 - b. Process of IGEA
 - c. Energy Service Company (ESCO)
 - d. Bankable Project Reports/Feasibility Report

- II. **Case Studies for Energy Audit in SRRM** (*One Day*)
 - II.1 **Electrical Energy Audit**
 - a. Saving through Reduction in Power Consumption
 - b. Saving through Maximum Electrical Demand Reduction
 - c. Improvement In Power Factor (Incentive)

 - II.2 **Thermal Energy Audit**
 - a. Saving in Thermal Energy
 - b. Saving Through Proper Insulation

 - II.3 Saving in Reduction in Breakdown thereby improvement in productivity.
 - II.4 Improvement in mill yield
 - II.5 Improvement in quality of finish product if it can be quantified in term of money



**NATIONAL INSTITUTE OF SECONDARY STEEL TECHNOLOGY
MANDI GOBINDGARH**

APPLICATION FOR REGISTRATION FOR Energy Cum Investment Manager's

Name of Candidate : _____

Father's Name : _____

Age : _____

Address for Correspondence : _____

Ph. No. _____

Please attach
your recent
photograph

Educational & Technical qualification:

S. No.	Board /University	Subjects	Total Marks

Professional Experience:

S.No.	Organization	Designation	Period	Area of work

Signature of Candidate

Name & Address of : _____

Unit Sponsoring : _____

Date

Signature and Seal of Sponsoring Organization

kindly attach photocopy of your certificate (self attested)



**National Institute of Secondary Steel Technology
Organizes**

Five day Training for “Energy cum investment Managers” on
“**Energy Efficiency in Rolling Mill for Steel Re-Rolling Mill Sector**”
In Association With
UNDP/GEF Project (Steel)

Training Information

<i>Venue / Location</i>	<i>Mandi Gobindgarh ,NISST Conference Hall</i>
<i>Date</i>	<i>27th Feb to 2nd March' 2012</i>

Organizational Information

Name of Organization		
Address with City & Pin		
Email		Fax :
Phone (o)		
<i>Delegates Information</i>		
Name & Designation		
Phone (R) & Mobile		
Email (Personal)		

To be filled By Organization

- **Note:** Limited Seat, First come first serve basis.
- Please fill in or type your complete information in the above format and send it back at the earliest to **Dy. Director (E), NISST, P.B No. 92, G.T Road, Sirhind side, Mandi Gobindgarh (Pb.) – 147301.** A copy is also to be sent through email to info@nisst.org, nisst@dataone.in

GUIDLINE FOR NOMINATION

It is a specifically designed for those candidates who can act as ENERGY CUM INVESTMENT MANAGER for providing consultancy service to steel Re- Rolling Mill Sector, hence it is requested to you to nomination qualified personal having following eligibility criteria. An end examination shall also be conducted to award the certificate to passed candidates.

Minimum Qualification : BSc (Non Medical) /B.E /B.Tech /Diploma with two years experience. (Preference shall be given to those who have some knowledge on Energy Management)

Age : Maximum 50 year