

JINDAL STAINLESS HISAR LIMITED

Hisar (Haryana)

Unit Profile

Jindal Stainless (Hisar) Limited, with annual turnover of \$20.0 billion plus is the flagship company of the Jindal Organization. The company has come a long way from being a single factory establishment in 1970 to multi location manufacturing facilities at Hisar, Orisha, Vizag and Indonesia as well.

Jindal Stainless (Hisar) Limited is India's only composite stainless steel manufacturing unit producing Stainless Steel Slabs, Blooms, Hot Rolled and Cold Rolled Coils, Plates etc. for catering stainless steel demand globally (40% of products exported).

Cold rolled coils and sheets are produced after being processed in the 20 Hi Mill, continuous anneal & pickle line, skin pass mill slitting line and cut to length lines. Absolute flat sheets are produced after being put through the Voss leveler. Sheets & cold rolled coils are available in different finishes 2D, 2B, No.3, No.4 and BA.



The Group's contribution has encompassed every sphere of human interest, including education, sports, art and culture, health, environment, women empowerment, vocational training, agriculture, community development initiatives, etc. Over the years the company has taken series of CSR initiatives in the form of projects.

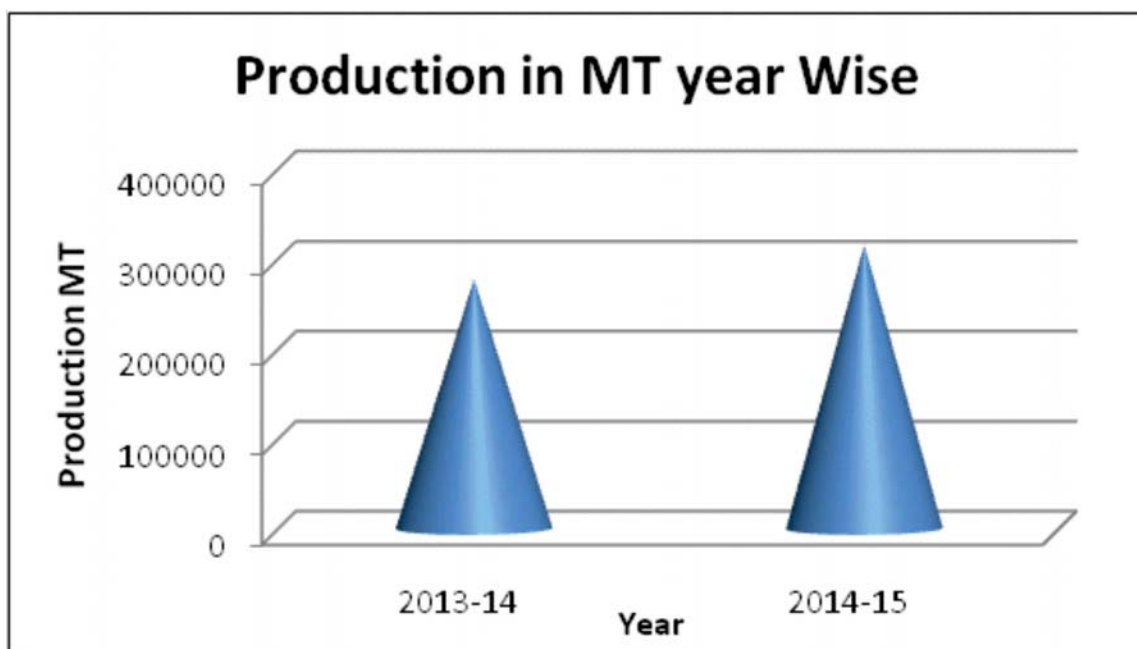
Energy conservation initiatives remain first priority of the company. Regular energy audits (internal and external) are carried out and continuous improvement in specific energy has been achieved year on year basis. Company achieved BEE EC Gold Award in year 2007 & 2013 and Silver awards in year 2011 & 2012

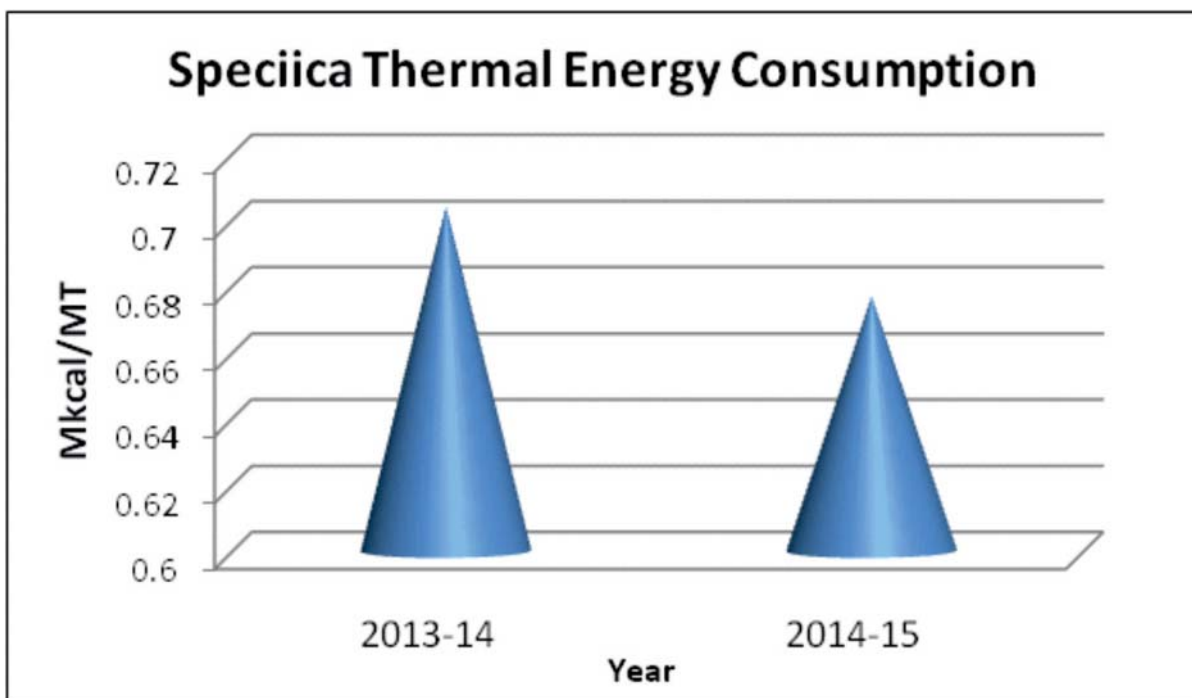
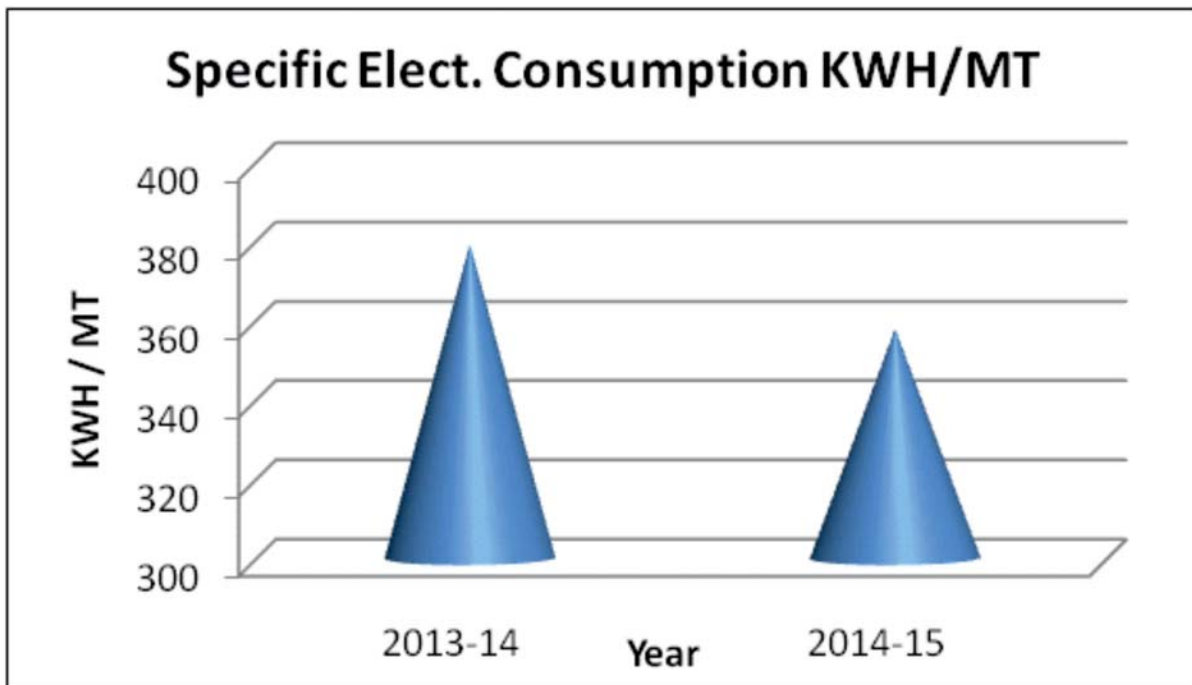
A well-defined World Class system on Environment Management System ISO-14001, Occupational Health and Safety OHSAS-18001 and Quality Management System ISO-9001 are in place.

The company has taken on the task of making stainless steel a part of everybody's life by taking a 360 degrees approach from production of raw materials to supply of architecture and lifestyle related products.

Energy Consumption

DESCRIPTION	UNIT	2013-14	2014-15
Cold Rolled Strips (Production)	MT	276479	314467
Total Elect. Energy Consumption	Lac kWh	1048.24	1125.05
Specific Elect. Energy Consumption	kWh / Ton	379.14	357.77
Total Thermal Energy Consumption	MTOE	19468.14	21300.42
Specific Thermal Energy Consumption	MKcal/ Ton	0.704	0.677






Energy Conservation Achievements

Sr.	Title of Energy Saving project implemented	FY	Savings (Rs. Lacs)	Investment (Rs Lacs)
1	Energy Saving by making switching OFF slitter blower motor during slitter idle condition.	2014-15	0.57	0.01
2	Energy Saving by making switching OFF Recoiler blower motor during recoiler idle condition.	2014-15	0.93	0.01
3	Program modification to reduce the Z-3 ETR motor's field economy current setting	2014-15	0.39	0
4	Program modification to reduce the Z-3DTR motor's field economy current setting	2014-15	0.39	0
5	Energy Saving by stopping of AFC Circulation pump during Roll change mode	2014-15	0.03	0
6	Energy Saving by stopping of Z-3 AFC Main pump during Roll change mode	2014-15	0.35	0
7	Program modification to reduce the Z-3 Mill motor's field economy current setting	2014-15	0.39	0
8	Energy Saving by stopping of Z-3 Mill Screw down coolant pump during Roll change mode	2014-15	0.10	0
9	Energy Saving by stopping of Screw Z-3 Mill down LP pump during Roll change mode	2014-15	0.19	0
10	Optimization & reduction of fuel consumption in CRD Boiler in Modification of Steam Line.	2014-15	54.54	1
11	Optimization of compressor power by controlling / auditing Compressed air leakage in CRD Plant.	2014-15	51.36	0
12	Optimization & Reduction of Power Consumption 5 % in water system	2014-15	16.61	0.5
13	Energy Saving by controlling speed of DC Motor Cooling Blower motor VFD	2014-15	1.38	1.2
14	Optimization speed of fume exhaust blower of Sundwing.	2014-15	1.60	0
15	Energy saving by stopping of HP Pump off during Rewinding at Frohling Mill	2014-15	1.08	0
16	Energy saving by connecting Sherman -1,2 cooling water supply with Sherman -3,4 cooling tower	2014-15	19.89	0
17	Energy saving by optimization of Sherman mill-1,2 Filtration System Heater control system	2014-15	1.41	0
18	Roll Coolant System Filter and DOT pumps switched ON/OFF with Oil Level.	2014-15	6.66	0

19	COT Pump at Shm-4 Mill is switched on and off through Running Mode feedback	2014-15	2.22	0
20	Energy Saving by optimization speed of DC motor blower with Motor Temperature.	2014-15	1.38	0
21	Reduction in Propane consumption at AP4 line	2014-15	31.30	6
	Total	163.3	4.16	

Energy Conservation Policy



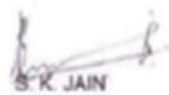
ENERGY POLICY

We at Jindal Stainless (Hisar) Limited, are committed towards Energy conservation through optimal utilisation of various form of Energy in a cost effective manner.

For achieving this, we devote ourselves to:

- Promote use of energy efficient processes, equipment, device and system in the manufacturing of steel and sustain continuous reduction in specific energy consumption year-on-year.
- Maintain sound and efficient energy management system to continuously monitor and improve the energy usage in all the process.
- Constantly identify the areas of improvement and work for its implementation
- Benchmarking with the global best in the industry.
- Create awareness for efficient use of energy & its conservation and make energy conservation integral to our work culture & personal habit.
- Adhere to all applicable statutory requirements.

This will be achieved by dedicated team work and active participation & commitment from employees at all levels. Since, it is an ongoing process; we here at JSHL, try to continuously achieve the best and further keep on improving.


S. K. JAIN

DIRECTOR & UNIT HEAD

DATE: NOV.18, 2015