

Ispat Industries

Management Meet Note

We met management of Ispat Industries. Key takeaways of our meeting are as follows:

Joint venture with Stemcor to set up a coke oven plant: Ispat has entered into a JV (Amba River Coke) with Stemcor for setting up a 1mn tonne coke oven plant at a cost of Rs1,124cr. Ispat holds 26% equity stake & the balance is held by Stemcor. The project will be funded through debt-equity ratio of 2:1 and is yet to achieve the financial closure. Ispat's equity contribution will be Rs100cr (Rs50cr will be through land and infrastructure support and balance Rs50cr through cash infusion). Once commissioned, the plant will cater to 100% coke requirement of the company.

110MW power plant to lead to cost savings: Ispat under its subsidiary, Ispat Energy, is setting up 110MW captive power plant (CPP) comprising of two units of 55MW each. The plant will primarily use gases from coke oven and blast furnace. Land for the project has been acquired and the civil work has also started. Total cost of the project is expected to be Rs491cr and the company expects savings of Rs1,300cr post commissioning of the power plant.

Captive raw material holds the key for future performance: Ispat has already secured the prospecting license for developing iron ore mines in Maharashtra. The management expects to start mining in FY2012 and targets iron ore production of 2mn tonnes. The company in a JV with Essar Steel, Mukand, Kalyani Steel and Ind Synergy has also been allotted Behrabad (North) coking coal block in Madhya Pradesh. The mine has reserves of 170mn tonnes, with Ispat's share being 76mn tonnes.

Outlook and Valuation: At the CMP, the stock is trading at P/BV of 1.4x and EV/EBITDA of 7.8x FY2010. We believe that future stock performance would be dependent upon improvement in raw material integration and successful commissioning of the power and coke oven plants.

Key Financials (Consolidated)

Y/E March (Rs cr)	FY2007	FY2008	FY2009	FY2010E
Net Sales	7,473	8,323	8,264	7,783
% chg	48.8	11.4	(0.7)	(5.8)
Net Profit	(10)	31	(690)	(253)
% chg	-	-	-	-
EPS (Rs)	(0.8)	-	(6.3)	(3.4)
EBITDA (%)	20.4	14.6	5.3	16.1
P/E (x)	-	-	-	-
P/BV (x)	0.8	0.9	1.2	1.4
RoE (%)	-	0.0	-	-
RoCE (%)	8.3	5.4	-	6.8
EV/Sales (x)	1.4	1.2	1.2	1.2
EV/EBITDA (x)	6.9	7.9	22.4	7.8

Source: Company, Angel Research

NOT RATED	
CMP	Rs20
Target Price	-
Investment Period	-

Stock Info	
Sector	Steel
Market Cap (Rs cr)	2,488
Beta	1.4
52 Week High / Low	25/16
Avg. Daily Volume	5392856
Face Value (Rs)	10
BSE Sensex	18,667
Nifty	5,608
Reuters Code	ISPT.BO
Bloomberg Code	NDEN@IN

Shareholding Pattern (%)	
Promoters	41.1
MF / Banks / Indian Fls	11.9
FII / NRIs / OCBs	2.5
Indian Public / Others	44.5

Abs. (%)	3m	1yr	3yr
Sensex	12.3	15.8	19.7
Ispat	22.6	(14.1)	8.0

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Other key takeaways

- Ispat buys iron ore fines and lump ore from NMDC and imports pellets from GIIC Bahrain. The landed cost of iron ore from Bacheli complex is Rs8,500/tonne and from the Kirandul complex is Rs7,200/tonne. Ispat also has a contract with GIIC Bahrain for supply of pellets, with prices being fixed on a quarterly basis.
- The blended cost of natural gas is \sim Rs10/scm. Ispat sources gas from Reliance, PMT and ONGC.
- Currently, the company purchases power at Rs5.5/unit, which is expected to reduce post the commissioning of the 110MW power plant.
- The current cost of production for sponge iron, pig iron and hot rolled coils is Rs17,500, Rs22,000 and Rs29,000/tonne, respectively.
- The main advantage of using natural gas in sponge iron plants is that the product quality is superior and the plant can produce both long and flat products, whereas coal-based plants manufacture only long products.
- Maintenance costs are low as gas-based plants undertake 10-15 days of annual maintenance shutdown as compared to coal-based plants, which undergo quarterly shutdown.
- Total debt at the end of 4QFY2010 was Rs6,739cr. This included foreign currency loan of Rs2,335cr, with the balance being rupee loan. The average annual interest rate for the debt was 9.91%. Management indicated annual debt repayment of Rs723cr and Rs755cr in FY2011 and FY2012, respectively.



Company Profile

Incorporated in 1984, Ispat Industries produces sponge iron, pig iron, hot rolled coils, galvanised sheets and cold rolled coils at its steel plants, located at Dolvi and Kalmeshwar in Maharashtra. The company's upstream facilities (sponge iron, pig iron, hot rolled coils) are located at Dolvi (Maharashtra), 80-85kms away from Mumbai and are spread across 1,400 acres. The downstream facilities (galvanized sheets, cold rolled coils) are located at Kalmeshwar (Nagpur, Maharashtra).

Dolvi complex

The complex has a 1.6mn tonne sponge iron plant, which was commissioned in 1994 and is the world's largest single module gas-based plant using Midrex technology. The management plans to increase the capacity to 1.8mn tonnes. Ispat owns a jetty at the Dharmatar port, which is connected to the steel plant by a 1.5km long conveyor belt. The jetty has a cargo handling capacity of 12mn tonne with 3-4mn tonne being surplus capacity. Management indicated it would outsource the surplus capacity for commercial purposes. Feasibility studies are being undertaken to increase the hot strip mill capacity from 3.3mn tonnes to 4.2mn tonnes.

Exhibit 1: Dolvi - Capacity details

Facilities	Capacity (mn tonnes)
Sponge iron plant (expansion of sponge iron)	1.6
Sinter plant	2.8
Blast furnace	2.0
Conarc furnace	4.2
Hot strip mill	3.3

Source: Company

Kalmeshwar complex

Hot rolled coils from Dolvi are transported to the Kalmeshwar complex via road/rail. The complex manufactures downstream products like cold rolled coils, galvanised, galvalume, colour coated sheets, pipes and tubes.

Exhibit 2: Kalmeshwar - Capacity details

Facilities	Capacity (mn tonnes)
Cold rolling mill	0.330
Galvanising line	0.225
Galvalume line	0.100
Colour-coating line	0.060
Pipe and tube mill	0.056

Source: Company

Ispat produces steel using the twin shell conarc furnace technology developed by SMS Siemag, Germany. The technology provides flexibility in terms of raw material feed, ie. sponge iron, hot metal or scrap. Generally, the charge mix is 55:35:10 of hot metal:DRI:scrap. Also, energy consumption is lower at \sim 240 units/tonne compared to the conventional EAF requirement of \sim 550 units/tonne of steel.

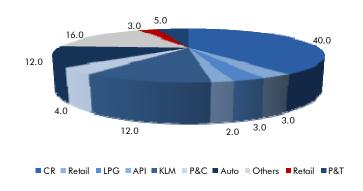


Ispat enjoys close proximity to its customers as 71% of its domestic sales are within Maharashtra, where it avails deferred VAT credit. In FY2010, total sales in West India stood at 77% followed by North India (12%), South India (6%), exports (5%) and East India accounted for 0.2% of the revenue mix. The top-ten customers of HRC contributed \sim 35% to total sales in FY2010.

The company caters to the major steel-end user markets in the vicinity including automobiles, consumer durables, construction, ship-building, etc. In FY2010, cold rolled (CR) products accounted for 40% of the company's domestic sales whereas auto sales accounted for 12%. The company has entered into quarterly pricing contracts with the automotive and OEM customers, while for others it has a monthly pricing mechanism.

Exhibit 3: Geographic revenue mix (FY2010)

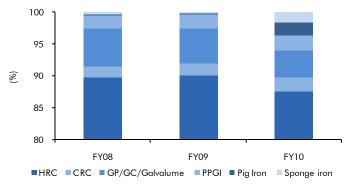
Exhibit 4: Domestic sales breakup sector wise



Source: Company, Angel Research

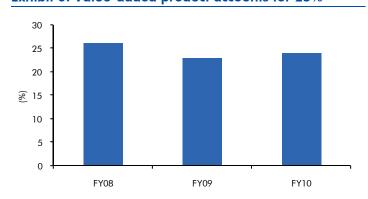
Source: Company, Angel Research

Exhibit 5: Product-wise sales volume breakup



Source: Company, Angel Research

Exhibit 6: Value-added product accounts for 25%



Source: Company, Angel Research



Profit & Loss Statement (Consolidated)

V/E Marrie /Do on)	EV2007	EVOCOS	EVOCCO	EV2010
Y/E March (Rs cr)	FY2007	FY2008	FY2009	FY2010
Gross sales	8,363	9,440	9,177	8,398
Less: Excise duty	890	1,117	913	615
Net Sales	7,473	8,323	8,264	7,783
Other operating income	-	-	-	236
Total operating income	7,473	8,323	8,264	8,019
% chg	48.8	11.4	(0.7)	(3.0)
Total Expenditure	5,952	7,105	7,829	6,770
Net Raw Materials	3,742	4,706	4,756	4,232
Other Mfg costs	2,048	2,201	2,876	2,321
Personnel	162	198	197	216
Other	-	-	-	-
EBITDA	1,521	1,218	435	1,249
% chg	435.0	(19.9)	(64.3)	187.2
(% of Net Sales)	20.4	14.6	5.3	16.1
Depreciation	624	638	647	625
EBIT	897	580	(212)	624
% chg	(412.6)	(35.4)	-	(394.9)
(% of Net Sales)	12.0	7.0	(2.6)	8.0
Interest charges	1,100	1,108	1,227	1,026
Other Income	205	640	414	2
(% of PBT)	7,730.9	573.1	-	-
Recurring PBT	3	112	(1,026)	(400)
% chg	-	4,111.3	-	-
Extraordinary Inc/(Expense)	0	0	0	130
PBT	3	112	(1,026)	(270)
Tax	13	81	(336)	(17)
PAT (reported)	(10)	31	(690)	(253)
Less: Minority interest (MI)	-	-	0	-
PAT after MI (reported)	(10)	31	(690)	(253)
(% of Net Sales)	-	0.4	-	-
Basic EPS (Rs)	(0.8)	-	(6.3)	(3.4)
Fully Diluted EPS (Rs)	(8.0)	-	(6.3)	(3.4)



Balance Sheet (Consolidated)

Y/E March (Rs cr)	FY2007	FY2008	FY2009	FY2010E
SOURCES OF FUNDS				
Equity Share Capital	2,289	2,294	2,273	2,273
Reserves& Surplus	652	605	(275)	(528)
Shareholders Funds	2,941	2,899	1,997	1,744
Share Warrants	-	0	97	97
Total Loans	8,316	7,225	7,355	6,944
Total Liabilities	11,256	10,124	9,449	8,784
APPLICATION OF FUNDS				
Gross Block	13,067	13,178	13,567	13,667
Less: Acc. Depreciation	3,244	3,962	4,670	5,294
Net Block	9,823	9,216	8,897	8,373
Capital Work-in-Progress	475	547	582	582
Investments	2	2	13	13
Current Assets	2,512	2,552	2,754	2,372
Cash	330	93	82	89
Loans & Advances	481	511	727	577
Other	1,701	1,948	1,945	1,706
Current liabilities	2,180	2,739	3,747	3,504
Net Current Assets	332	(188)	(993)	(1,133)
Net deferred tax asset	624	547	950	950
Total Assets	11,256	10,124	9,449	8,784

Note: Cash and Bank balance includes fixed deposits

September 8, 2010



Cash Flow Statement (Consolidated)

Y/E March (Rs cr)	FY2007	FY2008	FY2009	FY2010E
Profit before tax	3	112	(1,026)	(270)
Depreciation	624	638	647	625
Change in Working Capital	(148)	329	532	147
Less: Other income	943	468	1,149	0
Direct taxes paid	(4)	(3)	(3)	17
Cash Flow from Operations	1417	1544	1299	518
Inc./ (Dec.) in Fixed Assets	(285)	(199)	(144)	(100)
Inc./ (Dec.) in Investments	(O)	0	(10)	-
Other income	7	(10)	57	0
Cash Flow from Investing	(278)	(209)	(97)	(100)
Issue of Equity	0.1	13	97	0
Inc./(Dec.) in loans	259	(877)	(479)	(412)
Dividend Paid (Incl. Tax)	0	0	0	0
Others	(1,217)	(720)	(820)	0
Cash Flow from Financing	(958)	(1,584)	(1,202)	(412)
Inc./(Dec.) in Cash	181	(249)	0	7
Opening Cash balances	71	252	3	82
Closing Cash balances	252	3	3	89



Key Ratios

Y/E March	FY2007	FY2008	FY2009	FY2010E
Valuation Ratio (x)				
P/E (on FDEPS)	-	-	-	-
P/CEPS	4.0	3.7	-	6.7
P/BV	0.8	0.9	1.2	1.4
Dividend yield (%)	-	-	-	-
EV/Sales	1.4	1.2	1.2	1.2
EV/EBITDA	6.9	7.9	22.4	7.5
EV/Total Assets	0.9	0.9	1.0	1.1
Per Share Data (Rs)				
EPS (Basic)	(0.8)	-	(6.3)	(3.4)
EPS (fully diluted)	(0.8)	-	(6.3)	(3.4)
Cash EPS	5.0	5.5	(0.4)	3.0
DPS	-	-	-	-
Book Value	24.1	23.7	16.3	14.3
DuPont Analysis				
EBIT margin	12.0	7.0	-	7.8
Tax retention ratio (%)	-	27.6	67.3	93.7
Asset turnover (x)	0.7	0.8	0.9	0.9
RoIC (Post-tax)	-	1.6	-	6.7
Cost of Debt (Post Tax)	13.3	14.3	16.8	14.4
Leverage (x)	2.7	2.5	3.6	3.9
Returns (%)				
RoCE (Pre-tax)	8.3	5.4	-	6.8
Angel RoIC (Pre-tax)	9.2	5.8	-	7.2
RoE	-	0.0	-	-
Turnover ratios (x)				
Asset Turnover (Gross Block)	0.6	0.6	0.6	0.6
Inventory (days)	50	53	61	55
Receivables (days)	30	27	25	25
Payables (days)	56	53	75	80
Working capital cycle (days)	88	59	60	46
Solvency ratios (x)				
Net debt to equity	2.7	2.5	3.6	4.1
Net debt to EBITDA	5.2	5.9	16.7	5.8
Interest Coverage	0.8	0.5	-	0.6



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1. Analyst ownership of the stock	No
2. Angel and its Group companies ownership of the stock	No
3. Angel and its Group companies' Directors ownership of the stock	No
4. Broking relationship with company covered	No

Note: We have not considered any Exposure below Rs 1 lakh for Angel, its Group companies and Directors.

Ratings (Returns):	Buy (> 15%)	Accumulate (5% to 15%)	Neutral (-5 to 5%)
	Reduce (-5% to 15%)	Sell (< -15%)	



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