

Tata Steel Steel



Europe Continues to Drag; Caps Material Upside

Est. Vs. Actual for Q2FY25: Revenue – BEAT; EBITDA – BEAT; Adj PAT – MISS Change in Estimates post Q2FY25:

FY25E/FY26E: Revenue -1%/-3%; EBITDA: -17%/-5%, PAT: -35%/-8% Recommendation Rationale

- Indian operations strong while Europe drags: In FY25, consolidated sales volume is expected to increase by 1-1.4MT, led by 1.1MT from KPO-II, 0.2MT from NINL, partially offset by the shutdown at one of the BF at Jamshedpur for relining in Q4. Indian profitability will improve as the KPO-II ramps up and will add 3.5-4MT/5MT in FY26/27. Cost at KPO-II will come down by ~Rs 3-4k/t as it ramps up fully by FY27 due to operating leverage with its expansion from 3 to 8 MTPA. However, the decarbonisation Capex requirement at European operations could drag faster capacity expansion in India beyond KPO-II.
- Target to attain EBITDA and cash flow neutral level in the UK by Jun'25: In the UK, EBITDA/t loss widened by £100/t QoQ as Q2 was a transition quarter where it operated BF4 and also purchased slabs and coils, as a result, fixed costs were high. Post shutdown of BF5 in Jul'24, TSUK has also shut down BF4 paving the way for green steelmaking. Fixed cost reduction is the primary goal at TSUK now as it closed its heavy-end assets and is operating on a conversion basis. It will target to cut fixed costs by £100/t by Jun'25 by focusing on maintenance, lease, and employee cost reductions. The target is to get EBITDA and cash flow neutral in the UK business by Q1FY26 (from Q3FY25 earlier).
- Netherlands: EBITDA/t de-grew by £14/t QoQ in the TSN business, led by higher other expenses on account of higher emission costs as well as consumables and bulk-gas-related costs. Spreads will be under pressure in Q3 and the next two quarters are expected to remain volatile. Management will target €60/t through-cycle margin at TSN with cost efficiency programs and higher liquid steel production from BF6 as it ramps up post-relining.

Sector Outlook: Cautious

Company Outlook & Guidance: FY26 is likely to be a Capex light for Tata Steel as KPO-II Capex will be near completion in FY25 and Capex for UK EAF transition for the next 18-24 months will not be significant and will pick up only towards the last 12-16 months. Capex at TSN for the DRI-EAF green steel transition will begin only in the next 12 months. WC management and De-leveraging (target of \$1 Bn/annum) will remain critical in FY26 as Capex intensity reduces before it picks up again in FY27. Net debt has already increased to Rs 88,817 Cr as of Q2FY25 with Net Debt to EBITDA jumping to 3.41x from 3.31x at the end of FY24.

Current Valuation: SoTP using 1Y Fwd EV/EBITDA for India, Europe and Others at 7.5x, 4.0x, 5.0x on Sep'26 EBITDA (From Mar'26)

Current TP: Rs 175/share (Unchanged)

Recommendation: We upgrade to **BUY from HOLD** as we roll forward our valuation to Sep'26. **Financial Performance:** Tata Steel's consolidated Revenue declined 3%/2% YoY/QoQ, (2% ahead of consensus) on account of the lower realisations in India and Netherlands. Consolidated EBITDA stood at Rs 6,141 Cr, up 44% YoY but down 8% QoQ, a 21% beat against consensus due to higher-than-expected EBITDA/t in Indian operations. Indian Adjusted EBITDA/t stood at Rs 13,131/t, down 2%/4% YoY/QoQ, a 4% beat vs. our estimates on account of lower-than-expected coal consumption cost. Europe's EBITDA/t loss rose to \$75/t vs. \$28/t in Q1FY25, mainly due to lower sales volume in the UK lower deliveries and higher other expenses in the Netherlands. Underlying Net Profit stood at Rs 815 Cr, up 16% YoY but down 38% QoQ.

Key Financials (Consolidated)

(Rs Cr)	Q2FY25	QoQ (%)	YoY (%)	Axis Est.	Variance
Net Sales	53,905	-2%	-3%	52,999	2%
EBITDA	6,141	-8%	44%	5,563	10%
Adj EBITDA/t	7,345	-22%	25%	7,328	0%
Underlying Net Profit	815	-38%	16%	1,094	-25%
EPS (Rs)	0.7	-38%	14%	0.88	-25%

Source: Company, Axis Securities

(CMP as of	7 th November 2024)
CMP (Rs)	151
Upside /Downside (%)	15%
High/Low (Rs)	184/118
Market cap (Cr)	1,88,375
Avg. daily vol. (6m) Shrs.	48,109,647
No. of shares (Cr)	1,248

Shareholding (%)

	Mar-24	Jun-24	Sep-24
Promoter	33.19	33.19	33.19
FII	19.61	19.68	19.25
Mutual Funds / UTI	10.10	10.32	10.62
Financial Institutions	0.06	0.09	0.08
Others	37.04	36.72	36.86

Financial & Valuations

Y/E Mar (Rs Cr)	FY25E	FY26E	FY27E
Net Sales	2,22,124	2,48,160	2,61,916
EBITDA	24,790	35,297	40,642
Net Profit	6,025	12,608	15,850
EPS (Rs.)	4.8	10.1	12.7
PER (x)	31.3x	14.9x	11.9x
P/BV (x)	2.0x	1.9x	1.7x
EV/EBITDA (x)	10.7x	7.4x	6.3x
ROE (%)	6%	13%	15%

Change in Estimates (%)

Y/E Mar	FY25E	FY26E	FY27E
Sales	-1%	-3%	NA
EBITDA	-17%	-5%	NA
PAT (Attrib)	-35%	-8%	NA

Relative performance



Source: Ace Equity, Axis Securities

Aditya Welekar Sr. Research Analyst Email: aditya.welekar@axissecurities.in



Outlook

European business continues to remain a drag while Indian operations are strong catering to a strong domestic market. Progress on de-leveraging will be crucial in FY26 as it will be a Capex-light year. We roll forward our valuation from FY26 to Sep'26 and our TP indicates a 15% upside from the CMP. **Consequently, we upgrade our recommendation to BUY from HOLD.** We reduce our steel price assumptions for FY25/26 resulting in a downward revision to our EBITDA estimates.

Valuation & Recommendation

We use SoTP and ascribe a 1-year Fwd EV/EBITDA multiple of 7.5x, 5.0x, and 4.0x to India standalone, other operations, and Europe respectively on Sep'26 EBITDA (From Mar'26) to arrive at our Sep'25 forward TP of Rs 175/share (Unchanged). We revise our EBITDA for FY25-26E on lower steel prices. The TP implies a 15% upside from the CMP and as a result, we upgrade our rating from HOLD to BUY on the stock.

Key Concall Highlights

- Spreads will be under pressure in Q3FY25: India NSR at India will be Rs 2,000/t lower QoQ in Q3FY25. Coking Coal consumption cost is expected to be ~\$20/t lower QoQ. In the UK, NSR in Q3FY25 is expected to fall by ~£55/t while it will no longer use iron ore and coal. In the Netherlands, NSR will be lower by ~£70 per ton, while coking coal and iron ore costs will be lower by ~\$10/t each QoQ.
- UK asset restructuring: The 3.0 MT EAF will be commissioned by 2027 at a total Capex of £1.25 Bn of which £500 Mn from the UK government support. The grant funding agreement is now signed under the new labour government. The company has signed a contract with Tenova to deliver the EAF and has completed the public consultation process on the planning application. It expects to commence the groundwork at the site by Jul'25.
- Kalinganagar project: The total Capex of KPO Phase II (including downstream and upstream capacity) is Rs 27,000
 Cr. KPO-II will have the best EBITDA/t as compared to other legacy assets in India (Jamshedpur and Meramandali).
 The 5 MTPA BF of KPO-II has started from Sep'24 and will contribute 1.1 MT in FY25, 3.5-4MT in FY26 and full rated
 capacity of 5 MTPA in FY27. KPO already has the infrastructure to produce 8 MTPA steel, and as a result, the cost
 will be substantially reduced (Rs 3-4k/t benefit) as it ramps up to a rated capacity of 8 mtpa from 3 mtpa by FY27.
- Netherlands Decarbonisation transition: The company is in engagement with the Netherlands government for potential subsidy for accelerating the decarbonization and moving towards lower CO₂ to comply with the 2030 regulation as the free allowances of CO₂ will keep coming down as per the EU regulation. The cost of operating the BFs will become significantly higher with the CO₂ prices at the north of €80/t. The company will move in phases and will convert one BF into a DRI-EAF set-up. The first phase will help in covering for the compliance of 2030 and the second phase will follow thereafter. The CO₂ allowances will go down to zero post-2032.
- Expansion Projects: NINL will be the first on the priority list in the Indian expansion plan as it is more ready in terms of engineering work. Capacity at NINL will be increased from 1.1 to 5 mtpa. KPO will then move from 8 to 13 mtpa, six months after completing its 5 mtpa expansion from 3 to 8 mtpa. Bhushan will move from 5 to 6.5 mtpa. The existing 11 mtpa at Jamshedpur and 1.1 mtpa at Usha Martin, along with these expansion projects, will result in a total capacity of 37 mtpa. This, combined with the 0.85 mtpa EAF in Ludhiana (expected by Mar'26, with volume impact from FY27) and the potential addition of more EAFs in West and South India where scrap is available, will bring the total capacity to 40 mtpa by 2030.
- Exports: Tata Steel exports have typically been about 10% of its production. For the next couple of years, its exports will go mainly to the UK, as the UK will require slabs of at least 1MT from Tata Steel in India and another 0.6-0.7MT from the Netherlands.
- Focus on Long Products: The company will increase its share of long products in the mix as long products are less impacted by Chinese imports and its domestic demand is good in construction. Of the current Indian capacity of 26 MTPA (including 5 MTPA from KPO II), ~5 MTPA is long product capacity. This will increase to 8-9 MTPA as total capacity increases to 30-31 MTPA. The incremental 1.1 to 5 MTPA NINL and 0.85 MTPA, Ludhiana EAF facility will be of long products.
- **Capex:** The company spent Rs 4,806 Cr during the quarter and Rs 8,583 Cr for the half year.
- **Contingent liability:** The company has withheld its reporting of contingent liability of Rs 17,347 Cr which it recorded in Q1FY25 on the Supreme Court verdict on states can tax mining assets. The company is in the process of filing a curative petition.



Key Risks to Our Estimates and TP

- The key risk to our BUY rating is the decrease in the HRC prices in China, which could lead to a decline in prices in the rest of the world.
- Higher coking coal costs than our assumptions.

Change in Estimates

		New			Old			% Change	
	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E
Sales	2,22,124	2,48,160	2,61,916	2,24,700	2,55,359	NA	-1%	-3%	NA
EBITDA	24,790	35,297	40,642	29,885	36,987	NA	-17%	-5%	NA
PAT reported (Attrib)	6,025	12,608	15,850	9,337	13,694	NA	-35%	-8%	NA



Tata Steel Q2FY25 Results Review

Consolidated		Q2FY24	Q1FY25	Q2FY25	Q2FY25	Q2FY25	YoY (%)	QoQ (%)	Vs. Axis Est	Vs. Consensus
		Actual	Actual	Axis Est	Consensus	Actual	%	%	%	%
Total Revenue from Operations	Rs Cr	55,682	54,771	52,999	52,970	53,905	-3%	-2%	2%	2%
EBITDA	Rs Cr	4,268	6,694	5,563	5,064	6,141	44%	-8%	10%	21%
Adj EBITDA	Rs Cr	4,147	6,950	5,563	5,064	5,522	33%	-21%	-1%	9%
Adj EBITDA per tonne	Rs/tonne	5,869	9,407	7,328		7,345	25%	-22%	0%	NA
EBITDA margin (%)	%	7.7%	12.2%	10.5%	9.6%	11.4%				
Underlying Attrib PAT	Rs Cr	703	1,318	1,094		815	16%	-38%	-25%	NA
Reported PAT (Attrib)	Rs Cr	-6,196	960	1,094	502	833	NA	-13%	-24%	66%
Underlying Diluted EPS (Rs)	Rs/sh	0.58	1.06	0.88		0.65	14%	-38%	-25%	NA
Reported Diluted EPS (Rs)	Rs/sh	-5.07	0.77	0.88		0.67	NA	-13%	-24%	NA
Net Debt	Rs Cr	77,032	82,162			88,817	15%	8%	NA	NA

Source: Company, Axis Securities

		Q2FY24	Q1FY25	Q2FY25	YoY (%)	QoQ (%)
Segmental EBITDA		Actual	Actual	Actual	%	%
Tata Steel India	Rs Cr	6,917	6,750	6,734	-3%	0%
NINL	Rs Cr	(76)	279	178	NA	-36%
Other Indian operations	Rs Cr	330	104	120	-64%	15%
Tata Steel Europe	Rs Cr	(2,512)	(499)	-1,344	NA	NA
Other trade-related operations	Rs Cr	750	(33)	1,034	38%	NA
SE Asian operations	Rs Cr	11	43	-32	NA	NA
Rest of the world	Rs Cr	56	(94)	-128	NA	NA
Total	Rs Cr	5,475	6,550	6,563	20%	0%
Less: intersegment eliminations	Rs Cr	1,160	(272)	339	-71%	NA
Total segment EBITDA	Rs Cr	4,315	6,822	6,224	44%	-9%
Adjustment	Rs Cr	(47)	(128)	-83	NA	NA
Total calculated EBITDA	Rs Cr	4,268	6,694	6,141	44%	-8%

Source: Company, Axis Securities

		Q2FY24	Q1FY25	Q2FY25	Q2FY25	YoY (%)	QoQ (%)	vs Axis Est
		Actual	Actual	Axis Est	Actual	%	%	%
Consolidated Production	Mnt	7.31	8.00	7.69	7.69	5%	-4%	0%
Consolidated Delivery Volumes	Mnt	7.07	7.39	7.52	7.52	6%	2%	0%
Adj EBITDA per tonne Europe	\$/t	-155	-28	-44	-75	NA	NA	70%
Adj EBITDA per tonne India	Rs/t	13,401	13,667	12,657	13,131	-2%	-4%	4%
Adj EBITDA per tonne Consolidated	Rs/t	5,869	9,407	7,328	7,345	25%	-22%	0%



Financials (Consolidated)

Profit	&	Loss	
--------	---	------	--

Profit & Loss				(Rs C
Y/E March	FY24A	FY25E	FY26E	FY27E
Total Operating income	2,29,171	2,22,124	2,48,160	2,61,916
Total Expenditure	2,06,865	1,97,333	2,12,863	2,21,274
EBITDA	22,306	24,790	35,297	40,642
Depreciation and Amortization	9,882	10,548	11,148	11,747
EBIT	12,424	14,242	24,149	28,895
Other Income	1,809	1,990	2,189	2,408
Share Of P/L Of Associates (Net of Tax)	(58)	439	461	484
Less: Interest & Fin Chg.	7,508	7,402	7,402	7,402
Less: Exceptional Items	7,814	-	-	-
Profit before tax	(1,147)	9,269	19,397	24,384
Provision for Tax	3,763	3,244	6,789	8,535
Reported PAT	(4,910)	6,025	12,608	15,850
Minority Interest	(472)	-	-	-
Attributable PAT	(4,437)	6,025	12,608	15,850
EPS (Rs/sh) Basic	(3.6)	4.8	10.1	12.7
DPS (Rs/sh)	3.6	3.6	3.6	3.6

Source: Company, Axis Securities

Balance Sheet

Capital employed	2,73,424	2,75,655	2,89,689	3,05,177
Other Liabilities and Provision	38,421	39,579	40,810	42,119
Trade Payables	35,435	34,345	38,371	40,498
Provisions	9,203	9,663	10,146	10,654
Retirement Benefit Obligations	3,366	3,535	3,711	3,897
Def Tax Liabilities	12,992	12,992	12,992	12,992
Total Borrowings	81,574	81,574	81,574	81,574
Minority Interests	397	397	397	397
Reserves	90,788	92,323	1,00,440	1,11,799
Hybrid Perpetual Securities/ Share warrants	-	-	-	-
Equity capital	1,247	1,247	1,247	1,247
	2,13,727	2,13,033	2,03,003	5,05,177
Total assets	2,73,424	2,75,655	2,89,689	3,05,177
Misc. Assets	23	22,329	23,228	25
Retirement Benefit Assets	23	4,541	8,353	15,135 25
Cash / Bank balance	6,264	6,071	6,783	7,158
Inventories Trade Receivables	49,158	47,646	53,231	56,181
Investments	6,258	6,423	6,597	6,779
Goodwill	5,745	5,745	5,745	5,745
CWIP + ITUD + Other Intangible Assets	46,301	48,701	50,801	53,201
Other Tangible assets	7,586	7,586	7,586	7,586
Net Block	1,23,538	1,26,590	1,27,343	1,29,196
Y/E March	FY24A	FY25E	FY26E	FY27E

(Rs Cr)



Cash Flow

(Rs Cr)

(%)

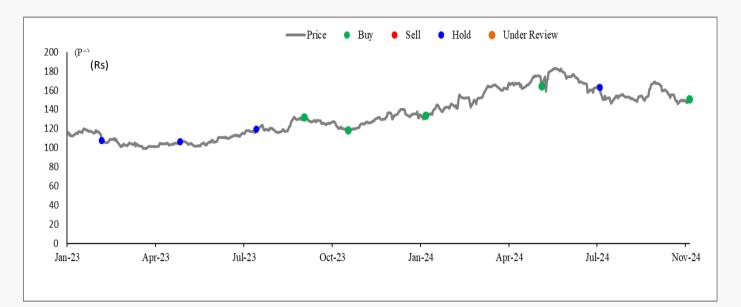
				-
Y/E March	FY24A	FY25E	FY26E	FY27E
Profit before tax	(1,147)	9,269	19,397	24,384
Depreciation	9,882	10,548	11,148	11,747
Interest Expenses	7,508	7,402	7,402	7,402
Non-operating / EO item	5,994	(242)	(254)	(267)
Change in W/C	3,384	1,617	(1,202)	(60)
Income Tax	(5,320)	(3,244)	(6,789)	(8,535)
Operating Cash Flow	20,301	25,350	29,701	34,672
Capital Expenditure	(18,207)	(16,000)	(14,000)	(16,000)
Free cash Flow	2,094	9,350	15,701	18,672
Other Investments	3,955	(166)	(174)	(182)
Investing Cash Flow	(14,251)	(16,166)	(14,174)	(16,182)
Proceeds from the issue of Equity shares	-	-	-	-
Proceeds / (Repayment) of Borrowings	1,230	-	-	-
Finance cost paid	(8,145)	(7,402)	(7,402)	(7,402)
Dividend paid	(4,429)	(4,491)	(4,491)	(4,491)
Other Financing activities	247	168	177	186
Financing Cash Flow	(11,097)	(11,724)	(11,716)	(11,707)
Change in Cash	(5,048)	(2,540)	3,812	6,782
Opening Cash	12,130	7,081	4,541	8,353
Closing Cash	7,081	4,541	8,353	15,135

Source: Company, Axis Securities

Ratio Analysis

Y/E March	FY24A	FY25E	FY26E	FY27E
Operational Ratios				
Sales growth (% YoY)	-6%	-3%	12%	6%
EBITDA growth (% YoY)	-31%	11%	42%	15%
Op. profit growth (% YoY)	-46%	15%	70%	20%
Net Profit growth (% YoY)	-151%	-236%	109%	26%
EBITDA Margin %	10%	11%	14%	16%
Net profit Margin %	-2%	3%	5%	6%
EBITDA/t (Rs/tonne)	0%	0%	0%	0%
Tax Rate %	-328%	35%	35%	35%
Efficiency Ratios				
Total Asset Turnover (x)	0.82	0.81	0.88	0.88
Sales/Gross block (x)	1.09	0.99	1.05	1.05
Sales/Net block(x)	1.89	1.78	1.95	2.04
Working capital/Sales (x)	0.09	0.09	0.09	0.09
Valuation Ratios				
PER (x)	-43.8x	31.3x	14.9x	11.9x
P/BV (x)	2.1x	2.0x	1.9x	1.7x
EV/Ebitda (x)	12.0x	10.7x	7.4x	6.3x
EV/Sales (x)	1.2x	1.2x	1.1x	1.0x
Dividend Yield (%)	2.4%	2.4%	2.4%	2.4%
Return Ratios				
ROE	0.03	0.06	0.13	0.15
ROCE	0.07	0.08	0.13	0.15
ROIC	0.31	0.05	0.09	0.10
Leverage Ratios				
Debt/equity (x)	0.95	0.93	0.86	0.77
Net debt/ Equity (x)	0.79	0.86	0.78	0.64
Net debt/Ebitda (x)	3.32	3.23	2.16	1.71
Interest Coverage ratio (x)	2.97	3.35	4.77	5.49





Tata Steel Price Chart and Recommendation History

Source: Axis Securities Research

Date	Reco	ТР	Research	
08-Feb-23	HOLD	120	Result Update	
04-May-23	HOLD	120	Result Update	
26-Jul-23	HOLD	125	Result Update	
18-Sep-23	BUY	145	Company Update	
03-Nov-23	BUY	135	Result Update	
29-Jan-24	BUY	150	Result Update	
31-May-24	BUY	187	Result Update	
02-Aug-24	HOLD	175	Result Update	
08-Nov-24	BUY	175	Result Update	

Source: Axis Securities



Axis Securities Limited is a subsidiary company of Axis Bank Ltd. Axis Bank Ltd. is a listed public company and one of India's largest private sector banks and has its various subsidiaries engaged in businesses of Asset management, NBFC, Merchant Banking, Trusteeship, Venture Capital, Stock Broking, the details in respect of which are available on www.axisbank.com.

Axis Securities Limited, is registered as a

- Stock Broker, Depository Participant, Portfolio Manager, Investment Adviser and Research Analyst with Securities and Exchange Board of India
- Corporate Agent with Insurance Regulatory and Development Authority of India
- Point of Presence with Pension Fund Regulatory and Development Authority
- Distributor for Mutual Funds with AMFI

Registration Details:

SEBI Single Reg. No.- NSE, BSE, MSEI, MCX & NCDEX – INZ000161633 | SEBI Depository Participant Reg. No. IN-DP-403-2019 | Portfolio Manager Reg. No. INP000000654 | Investment Advisor Reg No. INA000000615 | SEBI-Research Analyst Reg. No. INH000000297 | IRDA Corporate Agent (Composite) Reg. No. CA0073| PFRDA – POP Reg. No. POP387122023 | Mutual Fund Distributor ARN- 64610.

Compliance Officer Details: Name - Mr. Maneesh Mathew, Tel No. - 022-68555574, Email id - compliance.officer@axisdirect.in.;

Registered Office Address - Axis Securities Limited, Unit No.002, Building- A, Agastya Corporate Park, Piramal Realty, Kamani Junction, Kurla (W), Mumbai - 400070.

Administrative office address: Axis Securities Limited, Aurum Q Parć, Q2 Building, Unit No. 1001, 10th Floor, Level – 6, Plot No. 4/1 TTC, Thane – Belapur Road, Ghansoli, Navi Mumbai, Pin Code – 400710.

In case of any grievances please call us at 022-40508080 or write to us helpdesk@axisdirect.in.

We hereby declare that our activities were neither suspended nor we have defaulted with any stock exchange authority with whom we are registered in last five years. However, SEBI, Exchanges, Clearing Corporations and Depositories etc. have conducted the routine inspection and based on their observations have issued advise/warning/show cause notices/deficiency letters/ or levied penalty or imposed charges for certain deviations observed in inspections or in normal course of business, as a Stock Broker / Depository Participant/Portfolio Manager. We have not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has our certificate of registration been cancelled by SEBI at any point of time.

Investments in securities market are subject to market risks. Read all the related documents carefully before investing. By referring to any particular sector, Axis Securities does not provide any promise or assurance of favourable view for a particular industry or sector or business group in any manner.

Registration granted by SEBI, membership of BASL (in case of IAs) and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. None of the research recommendations promise or guarantee any assured, minimum or risk-free return to the investors. Our research should not be considered as an advertisement or advice, professional or otherwise. This research report and its respective content by Axis Securities made available on this page or otherwise do not constitute an offer to sell or purchase or subscribe for any securities or solicitation of any investments or investment services for the residents of Canada and / or USA or any jurisdiction where such an offer or solicitation would be illegal.

Subject company(ies) may have been client during twelve months preceding the date of distribution of the research report. Derivatives are a sophisticated investment device. The investor is requested to take into consideration all the risk factors before actually trading in derivative contracts.

Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information, opinions and estimates contained in this report reflect a judgment of its original date of publication by ASL and are subject to change without notice. The price, value of and income from any of the securities or financial instruments mentioned in this report can fall as well as rise. The value of securities and financial instruments is subject to exchange rate fluctuation that may have a positive or adverse effect on the price or income of such securities or financial instruments.

The information and opinions in this report have been prepared by Axis Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of Axis Securities. The report must not be used as a singular basis of any investment decision. The views herein are of a general nature and do not consider the risk appetite, investment objective or the particular circumstances of an individual investor. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and the like and take professional advice before investing.

While we would endeavour to update the information herein on a reasonable basis, Axis Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent Axis Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or Axis Securities policies, in circumstances where Axis Securities might be acting in an advisory capacity to this company, or in certain other circumstances.

This report is based on information obtained in good faith from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. Axis Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. Axis Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice. Axis Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months. Axis Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction. Axis Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months. Axis Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. Axis Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither Axis Securities nor Research Analysts and / or their relatives have any material conflict of interest at the time of publication of this report. Please note that Axis Securities has a proprietary trading desk. This



desk maintains an arm's length distance with the Research team and all its activities are segregated from Research activities. The proprietary desk operates independently, potentially leading to investment decisions that may deviate from research views.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

Research Analyst may have served as an officer, director or employee of subject company(ies). Axis Securities or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report. Since associates of Axis Securities and Axis Securities as an entity are engaged in various financial service businesses, they might have financial interests or actual/beneficial ownership of one percent or more or other material conflict of interest in various companies including the subject company/companies mentioned in this report. Axis Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report. Certain transactions -including those involving futures, options and other derivatives as well as non-investment grade securities - involve substantial risk and are not suitable for a stock'sprice movement and trading volume, as opposed to focusing on a company's fundamentals.

We and our affiliates/associates, officers, directors, and employees, Research Analyst(including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the securities thereof, of company (ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of Research Report or at the time of public appearance. Axis Securities may have proprietary long/short position in the above mentioned scrip(s) and therefore may be considered as interested. This should not be construed as invitation or solicitation to do business with Axis Securities. Axis Securities is also a Portfolio Manager. Portfolio Management Team (PMS) takes its investment decisions independent of the PCG research and accordingly PMS may have positions.

RATING SCALE: Definitions of ratings

Ratings	Expected absolute returns over 12 – 18 months	
BUY	More than 10%	
HOLD	Between 10% and -10%	
SELL	Less than -10%	
NOT RATED	We have forward looking estimates for the stock, but we refrain from assigning valuation and recommendation.	
UNDER REVIEW	We will revisit our recommendation, valuation and estimates on the stock following recent events	
NO STANCE	We do not have any forward-looking estimates, valuation or recommendation for the stock	

Note: Returns stated in the rating scale are our internal benchmark.