

# Real Estate

INDIA

# Primed to outperform

# Reason for report: Sector update

Real estate stocks have undergone significant correction in the past three months and are currently trading near their March '09 trough valuations. Few stocks in the I-Sec real estate universe are trading at a steep discount of ~50% from their FY11E NAV. At current valuations, the market is discounting a 20-25% fall in property prices and 25% delay in new project launches & subsequent sales. We believe such a scenario is highly unlikely given: i) strong sales momentum seen in the past 2-3 quarters, ii) better price realisations and iii) affordability still at comfortable levels of 4.8x. Considering significant improvement in balance sheet and fundamentals of real estate in the past few quarters, the aforementioned underperformance is unwarranted. With interest rates under check, sales momentum picking up and strong project pipeline to be launched in FY11, we believe the stocks are well placed to outperform the broader markets.

- Worst factored in. At current prices, real estate stocks are factoring-in 20-25% correction in property prices and 25% execution delay. We believe such a scenario is unlikely and expect prices to remain stable in the short term. We have already factored-in 10-15% discount to prevailing rates in our NAV assumptions; a further 20-25% price fall from such assumptions seems highly unlikely in the short term. Valuations are at historically low levels (March '09 lows) and, with improving sector fundamentals, such low multiples are unwarranted. Further, real estate stocks are trading at ~50% discount to their NAV, thereby offering significant upside potential.
- Affordability not a concern. Property prices have been on a sharp rise since the past three quarters and, in some locations, crossed their '08 peaks. However, with pick up in economic activities, remunerations across sectors have increased; this combined with reasonably-priced product offerings has led to affordability being most favourable since the past few years (4.8x at present). Further, home-loan disbursements have picked up sequentially, reflecting strength in the residential market. Also, interest rates are under check, with few public and private sector banks still offering teaser rates of <9% for a 2-3-year lock-in. With the RBI appearing slightly less hawkish on interest rates in the short term, we expect demand to remain strong.</p>
- Run-rate picking up. Overall real estate has been witnessing an uptrend in sales, execution and price realisation run rates through FY10. DLF and Sobha sold 12.6mn sqft and ~2.2mn sqft in FY10 and 3.6mn sqft and ~0.64mn sqft in Q4FY10 respectively, with sequential jump in price realisations. Going forward, with strong pipeline of new project launches and wide spectrum of product offerings, we expect this momentum to sustain. Housing Development Infrastructure (HDIL), during its recent launch of Goregaon Meadows, managed to sell ~0.4mn sqft (350 apartments) in the first two days of launch itself, giving us comfort that buyers are willing to buy at current prices (10% discount to market rate).
- Top picks. We are positive on DLF, HDIL and Sobha owing to deep discount to NAV valuations and near-term project execution & sales visibility. DLF is trading at 38% discount to NAV, Sobha at 44% and HDIL at 53%. We believe the current correction presents an opportunity to buy, given strong likelihood of sector outperformance in the near-to-medium term. Our top sector picks are Sobha, HDIL and DLF.

Risks. Continued weakness in global markets and economies may affect domestic economic recovery. A 'double-dip' scenario may lead to weakness in sales volume and price.

# Real Estate

# **Top picks**

- Sobha Developers
- HDIL
- DLF

Shaleen Silori shaleen.silori@icicisecurities.com +91 22 6637 7188 Gaurav Pathak gaurav.pathak@icicisecurities.com +91 22 6637 7339

# Valuations at comfortable levels

At the current market price, real estate stocks are factoring in 20-25% correction in property prices and 25% execution delay. We believe that such a scenario is unlikely and expect prices to remain stable in the short term. We have factored in 10-15% discount to prevailing rates in our NAV assumptions; a further 20-25% price fall from these assumptions seems highly unlikely. Valuation multiples are at historically low levels (March '09 lows) and, with improving sector fundamentals, such low multiples are unwarranted. Further, stocks are trading at >50% discount to their NAV, offering significant upside potential.





Source: I-Sec Research, \* Average discount calculated as market cap weighted average for HDIL, DLF and Sobha

### **Table 1: Relative valuations**

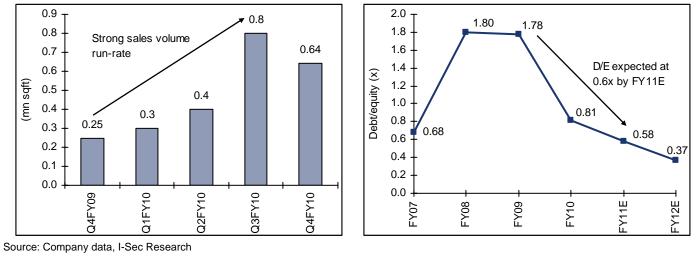
	Market		P/E (x)			P/BV (x)		D/E (x)				Discount T	Target	
	cap										NAV	CMP	to NAV	Price
	(Rs mn)	FY10	FY11E	FY12E	FY10	FY11E	FY12E	FY10	FY11E	FY12E	(Rs)	(Rs)	(%)	(Rs)
DLF	437,881	24.1	18.4	12.8	1.8	1.6	1.5	0.7	0.6	0.5	438	258	41	373
Sobha	27,066	19.8	10.6	6.8	1.6	1.4	1.2	0.8	0.6	0.4	502	276	45	427
HDIL	79,946	14.0	10.0	5.1	1.1	1.0	0.8	0.6	0.4	0.3	487	215	56	414

Source: I-Sec Research

# Sobha Developers (Buy)

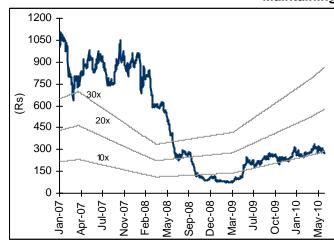
The stock is factoring in a 10% fall in sales price (20% lower sales price factored in our estimates) from the current levels. Sobha is trading at FY11E P/E and P/BV of 10.6x and 1.4x respectively and at 44% discount to FY11E NAV. With sales and new launch picking pace and prices at reasonable levels, we expect Sobha to outperform the broader markets in the short term. We estimate Sobha's NAV at Rs49bn (Rs502/share) with target price of Rs427 (15% discount to NAV).

# Chart 2: Sobha Developers – Quarterly sales and D/E trend

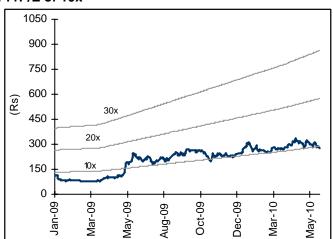


### Sharp pick-up in sales run-rate and significant decline in D/E ratio

Chart 3: Sobha Developers – P/E trend

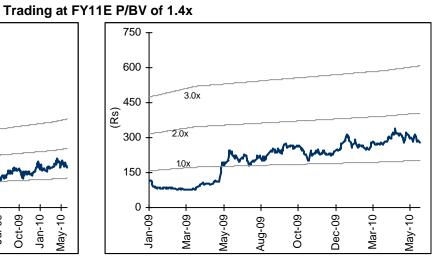


# Maintaining FY11P/E of 10x



# Chart 4: Sobha Developers – P/BV trend

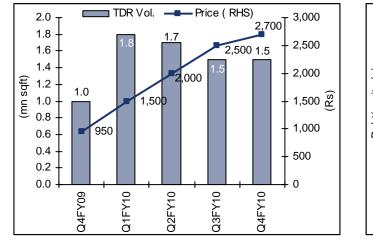




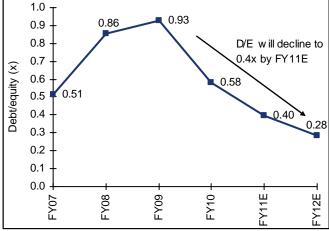
# HDIL (Buy)

HDIL's stock price currently factors in a 20% fall in sales price, lease rentals and TDR prices (which are already 20% lower; factored in our estimates). The company is trading at FY11E P/E and P/BV of 10x and 1x respectively and at 53% discount to FY11E NAV. HDIL, in its recent launch, Goregaon-Meadows, has managed to sell ~0.4mn sqft (350 apartments) in the first two days, giving us comfort that buyers are willing to buy at current prices (10% discount to market rate). We believe completion of phase I of the Airport project, likely by Q2FY11, is a near-term positive trigger for the stock and needs to be closely monitored. High Court's recent judgement of scrapping 1.33 FSI to 1 also augurs well for the company as it will lead to better price realisation for TDR sales. We estimate HDIL's NAV at Rs177bn (Rs487/share) with target price of Rs414 (15% discount to NAV).

# Chart 5: HDIL – Quarterly sales and D/E trend

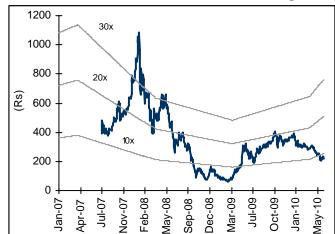


Strong pick up in TDR sales volume and price realisation; D/E at lowest level in three years

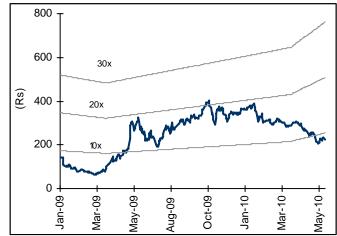


Source: Company data, I-Sec Research

# Chart 6: HDIL – P/E trend

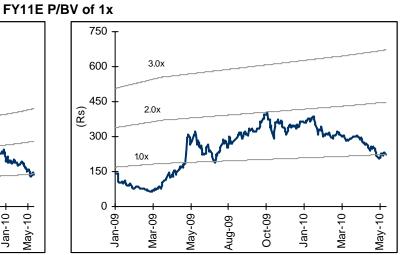


# Trading below FY11E P/E of 10x



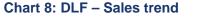
# Chart 7: HDIL – P/BV trend

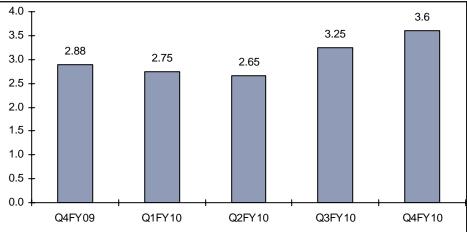




# DLF (Buy)

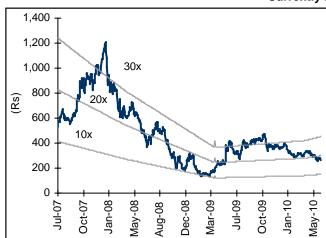
DLF's stock price factors in a 20% fall in sales price and lease rental from current levels as well as a 25% execution delay. The company is trading at FY11E P/E and P/BV of 18.4x and 1.7x respectively and at 38% discount to FY11E NAV. With the commercial market showing signs of revival and rentals looking up, we believe there is significant upside potential in the near-to-medium term. We estimate DLF's NAV at Rs744bn (Rs438/share) with target price of Rs373 (15% discount to NAV).



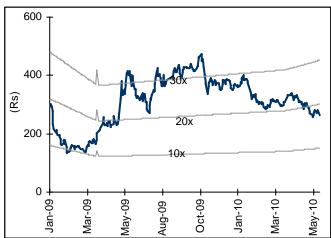


Source: Company data, I-Sec Research





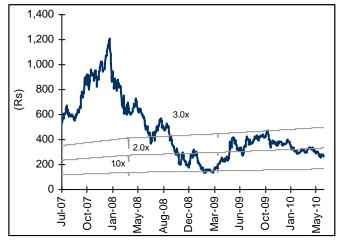
# Currently FY11E P/E of ~19x

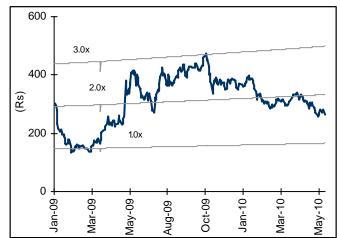


Source: Company data, I-Sec Research

# Chart 10: DLF – P/BV trend

Near FY11E P/BV of 1.5x

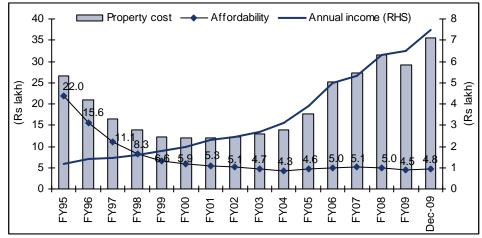




# Affordability - Best placed in years

We believe that at present, affordability stands at its most comfortable levels since the past few years, even with prices reaching their earlier highs owing to increase in remunerations across sectors and reasonably priced product offering.

# Chart 11: Affordability at comfortable levels



Note: Rs10lakhs = Rs1mn (Affordability is calculated as 'Price of unit/gross income') Source: HDFC, I-Sec Research

### Bank housing loan approvals on the rise

Housing demand has been robust since the past 2-3 quarters, as is evident from the steady uptrend in loan approvals (impressive YoY rise in loan approvals) and disbursements from housing finance companies (HFCs). We believe with moderate interest rate scenario, demand for housing loan will continue, resulting in growth in transaction volumes and stable pricing.

#### 200 180 160 140 120 q 100 (Rs 80 60 40 20 0 Q1FY10 Q2FY08 Q3FY08 Q4FY08 Q1FY09 Q3FY09 Q4FY09 Q1FY08 Q2FY10 Q3FY10 Q4FY10 Q2FY09 **Q4FY07**

Chart 12: HDFC's housing loan approvals - On an uptrend

Source: HDFC

Chart 13: HDFC – YoY growth in loan approvals

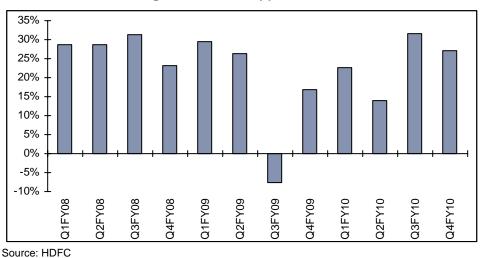
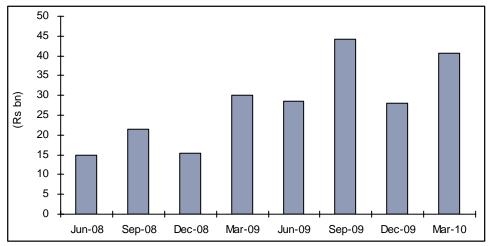


Chart 14: LIC Housing Finance – Housing loan approvals on an uptrend



Source: LIC Housing Finance

HFCs, on the back of improved fundamentals in residential real estate market, have significantly outperformed the broader markets in FY10. The underlying assumption of this outperformance is recovery in the residential real estate market, leading to increase in new loan approvals and disbursements. We believe that though the markets are giving credence to HFCs, they are not evaluating the real estate companies in the same light. We believe, strong growth momentum in loan disbursements and new loan approvals factored in HFCs' stock prices, is reflective of strong real estate fundamentals.

# Chart 15: Relative underperformance of BSE-Realty index versus HFCs

Though underlying assumptions of strong realty markets remains same for both sectors, HFCs have outperformed the Realty index



Source: Bloomberg, I-Sec Research

250

### Chart 16: Relative performance – Sensex versus BSE-Realty

BSE-Realty tends to outperform in an uptrend and underperform during a downtrend or range-bound market

US real estate index

Indian and Shanghai real estate index in the

past year. Indian real

of Shanghai property index, even though

significantly improved during the period

estate index has followed the trajectory

fundamentals for Indian real estate

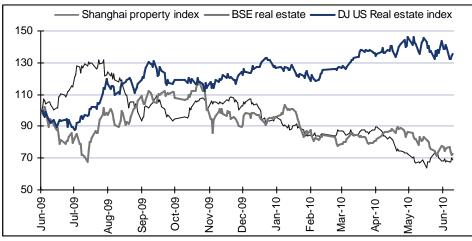
markets have

has outperformed both

BSE Sensex -BSE Realty Index 200 150 100 50 0 Jan-09 Feb-09 Jun-09 Jul-09 Aug-09 Oct-09 Dec-09 Jan-10 Feb-10 Jun-10 Jay-09 Sep-09 Apr-10 Mar-09 Apr-09 Mar-10 Vov-09 /ay-10

Source: Bloomberg, I-Sec Research

# Chart 17: Relative performance – Global property indices



Source: Bloomberg, I-Sec Research

# Financial Summary – Sobha Developers

# **Table 2: Profit and Loss statement**

(Rs mn, year ending March 31)

	FY09	FY10	FY11E	FY12E
Operating Income (Sales)	9,679	11,193	15,351	20,150
of which Domestic	9,679	11,193	15,351	20,150
Operating Expenses	7,050	8,596	10,968	13,755
EBITDA	2,629	2,597	4,383	6,394
% margins	27.2	23.2	28.5	31.7
Depreciation & Amortisation	360	323	381	438
Gross Interest	1,039	671	1,048	762
Other Income	225	0	236	198
Recurring PBT	1,455	1,603	3,190	5,392
Less: Taxes	358	236	638	1,402
- Current tax	0	236	638	1,402
Less: Minority Interest	0	0	0	0
Net Income (Reported)	1,097	1,367	2,552	3,990
Recurring Net Income	1,097	1,367	2,552	3,990

Source: Company data, I-Sec Research

# **Table 3: Balance sheet**

(Rs mn, year ending March 31)

	FY09	FY10	FY11E	FY12E
Assets				
Total Current Assets	34,287	34,735	35,649	38,138
of which cash & cash eqv.	214	304	423	536
Total Current Liabilities & Provisions	6,117	5,975	7,540	9,378
Net Current Assets	28,170	28,761	28,110	28,761
Investments				
of which	27	27	27	27
Strategic/Group	27	27	27	27
Net Fixed Assets	2,248	2,269	2,428	2,608
Capital Work-in-Progress	516	567	624	686
Total Assets	30,444	31,057	30,565	31,396
Liabilities				
Borrowings	19,322	13,822	11,122	8,422
Minority Interest	249	249	249	249
Equity Share Capital	729	981	981	981
Face Value per share (Rs)	10	10	10	10
Reserves & Surplus*	4,506	5,586	7,794	11,325
Less: Misc. Exp. n.w.o.	0	0	0	0
Net Worth	10,874	16,986	19,194	22,725
Total Liabilities	30,444	31,057	30,565	31,396

Source: Company data, I-Sec Research

# **Table 4: Quarterly trend**

(Rs mn, year ending March 31)

	Jun-09	Sep-09	Dec-09	Mar-10
Net sales	1,771	2,236	3,093	4,008
% growth (YoY)	(48.9)	(23.8)	68.5	0.0
EBITDA	423	479	646	988
Margin (%)	23.9	21.4	20.9	24.7
Other income	19	27	9	0
Add: Extraordinaries	0	0	0	0
Net profit	127	275	408	557

Source: Company data

# **Table 5: Cashflow statement**

#### (Rs mn, year ending March 31)

	FY09	FY10	FY11E	FY12E
Operating Cash flow	634	1,690	2,697	4,230
Working Capital Changes	(1,878)	(501)	770	(538)
Capital Commitments	(461)	(345)	(540)	(618)
Free Cash Flow	(1,705)	844	2,927	3,074
Cash flow from Investing				
Activities	226	0	236	198
Issue of Share Capital	0	252	0	0
Buyback of shares	0	0	0	0
Inc (Dec) in Borrowings	1,491	(5,500)	(2,700)	(2,700)
Dividend paid	(113)	(287)	(344)	(459)
Extraordinary Items	Ó	Ó	Ó	Ó
Chg. in Cash & Bank balance	(93)	90	119	113

Source: Company data, I-Sec Research

# **Table 6: Key ratios**

(Year ending March 31)

(Year ending March 31)				
	FY09	FY10	FY11E	FY12E
Per Share Data (Rs)				
EPS(Basic Recurring)	11.2	13.9	26.0	40.7
Diluted Recurring EPS	11.2	13.9	26.0	40.7
Recurring Cash EPS	14.9	17.2	29.9	45.2
Dividend per share (DPS)	1.0	2.5	3.0	4.0
Book Value per share (BV)	110.9	173.2	195.7	231.7
Growth Ratios (%)				
Operating Income	(32.0)	15.6	37.1	31.3
EBITDA	(25.7)	-1.2	68.8	45.9
Recurring Net Income	(51.9)	24.6	86.7	56.3
Diluted Recurring EPS	(51.9)	24.6	86.7	56.3
Diluted Recurring CEPS	(44.7)	16.0	73.6	51.0
Valuation Ratios (x)				
P/E	24.8	19.9	10.6	6.8
P/CEPS	18.6	16.1	9.3	6.1
P/BV	2.5	1.6	1.4	1.2
EV / EBITDA	17.6	15.7	8.6	5.5
EV / Operating Income	4.8	3.6	2.5	1.7
EV / Operating FCF	(27.1)	48.2	12.9	11.4
Operating Ratio				
Raw Material/Sales (%)	46.5	56.5	52.6	50.2
SG&A/Sales (%)	15.9	10.5	9.0	8.2
Other Income / PBT (%)	15.5	0.0	7.4	3.7
Effective Tax Rate (%)	24.6	14.7	20.0	26.0
NWC / Total Assets (%)	91.8	91.6	90.6	89.9
Inventory Turnover (days)	742.4	621.9	472.8	364.0
Receivables (days)	174.1	119.1	96.2	88.3
Payables (days)	82.2	66.0	69.9	70.5
D/E Ratio (x)	1.8	0.8	0.6	0.4
Return/Profitability Ratio (%)				
Recurring Net Income Margins	11.1	12.2	16.4	19.6
RoCE	6.4	6.3	11.0	14.7
RoNW	10.6	9.8	14.1	19.0
Dividend Payout Ratio	8.9	17.9	11.5	9.8
Dividend Yield	0.4	0.9	1.1	1.4
EBITDA Margins	27.2	23.2	28.5	31.7

# Financial Summary – HDIL

# Table 7: Profit and Loss statement

(Rs mn, year ending March 31)

FY09	FY10	FY11E	FY12E
17,284	15,021	21,213	39,586
17,284	15,021	21,213	39,586
9,487	7,129	10,847	18,775
7,797	7,893	10,366	20,811
45.1	52.5	48.9	52.6
41	724	137	162
582	462	739	765
540	345	259	312
7,715	7,052	9,749	20,197
0	(56)	0	0
(151)	1,330	1,755	4,443
(151)	0	0	0
7,865	5,666	7,994	15,753
7,865	5,722	7,994	15,753
	<b>17,284</b> 17,284 <b>9,487</b> <b>7,797</b> <i>45.1</i> 41 582 540 <b>7,715</b> 0 (151) (151) <b>7,865</b>	17,284         15,021           17,284         15,021           9,487         7,129           7,797         7,893           45.1         52.5           41         724           582         462           540         345           7,715         7,052           0         (56)           (151)         1,330           (151)         0           7,865         5,666	17,284         15,021         21,213           17,284         15,021         21,213           9,487         7,129         10,847           7,797         7,893         10,366           45.1         52.5         48.9           41         724         137           582         462         739           540         345         259           7,715         7,052         9,749           0         (56)         0           (151)         1,330         1,755           (151)         0         0           7,865         5,666         7,994

Source: Company data, I-Sec Research

### Table 8: Balance sheet

(Rs mn, year ending March 31)

FY09	FY10P	FY11E	FY12E
88,673	113,191	139,455	148,384
752	7,918	1,734	4,513
6,296	8,761	33,029	33,103
82,377	104,430	106,426	115,281
3,029	2,429	3,665	4,032
3,029	2,429	3,665	4,032
728	2,047	2,425	2,663
147	414	606	521
0	2,591	0	0
86,134	111,497	112,517	121,976
41,433	41,017	31,933	26,933
24	51	24	24
2,755	3,718	3,718	3,718
10	10	10	10
41,922	66,710	76,841	91,300
44,676	70,429	80,559	95,019
86,134	111,497	112,517	121,976
	752 6,296 82,377 3,029 728 147 0 86,134 41,433 24 2,755 10 41,922 44,676	752       7,918         6,296       8,761         82,377       104,430         3,029       2,429         3,029       2,429         728       2,047         147       414         0       2,591         86,134       111,497         41,433       41,017         24       51         2,755       3,718         10       10         41,922       66,710         44,676       70,429	6,296       8,761       33,029         82,377       104,430       106,426         3,029       2,429       3,665         3,029       2,429       3,665         728       2,047       2,425         147       414       606         0       2,591       0         86,134       111,497       112,517         41,433       41,017       31,933         24       51       24         2,755       3,718       3,718         10       10       10         41,922       66,710       76,841

\*Excluding revaluation reserves; # = not written off Source: Company data, I-Sec Research

#### **Table 9: Quarterly trend**

(Rs mn, year ending March 31)

	Jun-09	Sep-09	Dec-09	Mar-10
Net sales	2,954	3,537	4,089	4,341
% growth (YoY)	(48.2)	20.8	16.6	20.5
EBITDA	1,161	1,797	1,888	2,271
Margin (%)	39.3	50.8	46.2	52.3
Other income	233	274	266	304
Add: Extraordinaries	0	0	0	56
Net profit	1,075	1,486	1,628	1,778

Source: Company data, I-Sec Research

# Table 10: Cashflow statement

(Rs mn, year ending March 31)

	FY09	FY10P	FY11E	FY12E
Operating Cash flow	5,818	5,610	7,784	15,655
Working Capital Changes	(18,794)	(15,032)	(8,114)	(6,129)
Capital Commitments	(1,075)	(3,399)	863	(767)
Free Cash Flow	(14,051)	(12,820)	532	8,760
Cash flow from Investing				
Activities	540	345	259	312
Issue of Share Capital	612	964	0	0
Buyback of shares	0	0	0	0
Inc (Dec) in Borrowings	10,306	(416)	(9,084)	(5,000)
Dividend paid	0	0	(863)	(1,294)
Extraordinary Items	0	(56)	Ó	Ó
Chg. in Cash & Bank balance	(2,742)	7,166	(6,183)	2,778
0 0 11 10 0				

Source: Company data, I-Sec Research

### Table 11: Key ratios

(Year ending March 31)

(Year ending March 31)				
	FY09	FY10P	FY11E	FY12E
Per Share Data (Rs)				
EPS(Basic Recurring)	21.2	15.4	21.5	42.4
Diluted Recurring EPS	21.2	15.2	21.5	42.4
Recurring Cash EPS	21.3	17.3	21.9	42.8
Dividend per share (DPS)	0.0	0.0	2.0	3.0
Book Value per share (BV)	120.1	189.4	216.6	255.5
Growth Ratios (%)				
Operating Income	(27.4)	(13.1)	41.2	86.6
EBITDA	(53.8)	1.2	31.3	100.8
Recurring Net Income	(44.2)	(27.2)	39.7	97.1
Diluted Recurring EPS	(44.2)	(27.2)	39.7	97.1
Diluted Recurring CEPS	(44.0)	(18.5)	26.1	95.7
Diluted Reculling CEFS	(44.0)	(10.5)	20.1	95.7
Valuation Ratios (x)				
P/E	10.4	14.3	10.2	5.2
P/CEPS	10.4	14.3	10.2	5.2
P/BV	10.3	1.2	-	-
EV / EBITDA	1.6		1.0 10.8	0.9 5.0
	-	14.6		
EV / Operating Income	7.1	7.6	5.3	2.6
EV / Operating FCF	(8.7)	(9.0)	210.4	11.9
Operating Batic				
Operating Ratio	50 F	44.0	20.5	20.0
Raw Material/Sales (%)	50.5	41.2	36.5	38.8
SG&A/Sales (%)	3.1	4.4	13.3	7.8
Other Income / PBT (%)	7.0	4.9	2.7	1.5
Effective Tax Rate (%)	(2.0)	18.9	18.0	22.0
NWC / Total Assets (%)	94.8	86.6	93.0	90.8
Inventory Turnover (days)	2,400	4,014	4,274	2,300
Receivables (days)	23.4	44.8	59.1	52.0
Payables (days)	212.2	372.5	693.2	637.3
D/E Ratio (x)	0.9	0.6	0.4	0.3
Return/Profitability Ratio (%)				
Recurring Net Income Margins	44.1	37.2	37.2	39.5
RoCE	11.0	6.2	7.7	13.9
RoNW	19.4	9.9	10.6	17.9
Dividend Payout Ratio	0.0	0.0	9.3	7.1
Dividend Yield	0.0	0.0	0.9	1.4
EBITDA Margins	45.1	52.5	48.9	52.6
Courses Company data   Cas Day	aarah			

(Rs mn, year ending March 31)

	FY10	FY11E	FY12E	FY13E
Operating Income (Sales)	74,209	87,893	108,618	124,591
of which Domestic	74,209	87,893	108,618	124,591
Operating Expenses	39,197	42,701	50,361	49,493
EBITDA	35,012	45,192	58,257	75,097
% margins	47.2	51.4	53.6	60.3
Depreciation & Amortisation	3,246	5,771	6,640	7,497
Gross Interest	11,075	13,267	11,489	11,887
Other Income	4,333	4,852	4,748	4,688
Recurring PBT	25,024	31,006	44,876	60,401
Add: Extraordinaries	(870)	0	0	0
Less: Taxes	6,957	7,379	10,681	14,376
Less: Minority Interest	(103)	(114)	(125)	(138)
Net Income (Reported)	17,300	23,740	34,321	46,163
Recurring Net Income	18,170	23,740	34,321	46,163

Source: Company data, I-Sec Research

# **Table 13: Balance sheet**

(Rs mn, year ending March 31)

	FY10	FY11E	FY12E	FY13E	
Assets					
Total Current Assets	280,740	269,013	279,619	283,955	
of which cash & cash eqv.	9,130	7,909	7,046	6,716	
Total Current Liabilities &					
Provisions	92,510	101,180	116,025	119,396	
Net Current Assets	188,230	167,833	163,594	164,559	
Investments					
of which	55,200	24,626	19,930	15,264	
Strategic/Group	2,760	3,036	3,340	3,674	
Other Marketable	52,440	21,590	16,590	11,590	
Net Fixed Assets of which	277,300	279,176	290,446	303,325	
Capital Work-in-Progress	111,820	92,230	79,428	73,355	
Goodwill	12,670	12,670	12,670	12,670	
Total Assets	533,400	484,305	486,640	495,818	
Liabilities					
Borrowings	216,770	176,770	146,770	111,770	
Deferred Tax Liability	2,620	2,620	2,620	2,620	
Minority Interest	6,290	6,290	6,290	6,290	
Equity Share Capital	3,394	3,394	3,394	3,394	
Face Value per share (Rs)	2	2	2	2	
Reserves & Surplus*	148,124	169,879	202,214	246,392	
Net Worth	307,720	298,625	330,960	375,138	
Total Liabilities	533,400	484,305	486,640	495,818	
Source: Company data LSec Research					

Source: Company data, I-Sec Research

# **Table 14: Quarterly trend**

(Rs mn, year ending March 31)

	Jun-09	Sep-09	Dec-09	Mar-10
Net sales	16,499	17,510	20,258	19,940
% growth (YoY)	(56)	0	23	14
EBITDA	7,441	9,140	8,433	10,000
Margin (%)	45.1	52.2	41.6	50.2
Other income	961	590	1,260	1,520
Add: Extraordinaries	0	0	(49)	(873)
Net profit	3,960	4,400	4,679	4,267

Source: Company data, I-Sec Research

# **Table 15: Cashflow statement**

(Rs mn, year ending March 31)

	FY10	FY11E	FY12E	FY13E
Operating Cash flow	25,907	28,444	40,377	53,553
Working Capital Changes	48,889	15,392	(788)	(5,874)
Capital Commitments	(129,097)	(7,923)	(18,214)	(20,710)
Free Cash Flow	(54,300)	35,913	21,374	26,968
Cash flow from Investing				
Activities	(45,940)	35,702	9,748	9,688
Issue of Share Capital	0	0	0	0
Buyback of shares	0	0	0	0
Inc (Dec) in Borrowings	53,190	(40,000)	(30,000)	(35,000)
Dividend paid	(1,986)	(1,986)	(1,986)	(1,986)
Extraordinary Items	(870)	0	Ó	Ó
Chg. in Cash & Bank balance	(56)	(1,221)	(864)	(329)

Source: Company data, I-Sec Research

# **Table 16: Key ratios**

(Year ending March 31)

FY10         FY11E         FY12E         FY13E           Per Share Data (Rs.)         EPS(Basic Recurring)         10.7         14.0         20.2         27.2           Biluted Recurring EPS         10.2         14.0         20.2         27.2           Recurring Cash EPS         12.6         17.4         24.1         31.6           Dividend per share (DPS)         1.0         1.0         1.0         1.0           Book Value per share (BV)         146.4         158.3         177.4         203.4           Growth Ratios (%)         C         C         18.4         23.6         14.7           BIIDA         (37.5)         29.1         28.9         28.9         Recurring Net Income         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0         9.7           P/E         24.6         18.8         13.0         9.7         P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3         EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         Raw Material/Sales (%)	(Year ending March 31)				
EPS(Basic Recurring)       10.7       14.0       20.2       27.2         Diluted Recurring EPS       10.2       14.0       20.2       27.2         Recurring Cash EPS       12.6       17.4       24.1       31.6         Dividend per share (DPS)       1.0       1.0       1.0       1.0         Book Value per share (BV)       146.4       158.3       177.4       203.4         Growth Ratios (%)       0       20.1       18.4       23.6       14.7         Book Value per share (BV)       146.4       158.3       177.4       203.4         Growth Ratios (%)       0       20.1       28.9       28.15       10.1       30.7       44.6       34.5       Diluted Recurring CEPS       (54.5)       37.8       38.8       31.0       9.7       P/CEPS       20.8       15.1       10.9 <th></th> <th>FY10</th> <th>FY11E</th> <th>FY12E</th> <th>FY13E</th>		FY10	FY11E	FY12E	FY13E
Diluted Recurring EPS         10.2         14.0         20.2         27.2           Recurring Cash EPS         12.6         17.4         24.1         31.6           Dividend per share (DPS)         1.0         1.0         1.0         1.0           Book Value per share (DPS)         1.0         1.0         1.0         1.0           Book Value per share (DPS)         146.4         158.3         177.4         203.4           Growth Ratios (%)           20.1         28.9         28.9           Recurring Net Income         (59.4)         30.7         44.6         34.5         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)           9.6         7.3         5.7         4.7           P/E         24.6         18.8         13.0         9.7         9.7         EV / EPS         20.8         15.1         10.9         8.3           P/K         24.6         18.8         13.0         9.7         7         EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio          28.0         26.4         26.9 </td <td>Per Share Data (Rs.)</td> <td></td> <td></td> <td></td> <td></td>	Per Share Data (Rs.)				
Recurring Cash EPS         12.6         17.4         24.1         31.6           Dividend per share (DPS)         1.0         1.0         1.0         1.0           Book Value per share (BV)         146.4         158.3         177.4         203.4           Growth Ratios (%)         0         146.4         158.3         177.4         203.4           Growth Ratios (%)         0         28.9         28.9         28.9         28.9           Recurring Net Income         (59.4)         30.7         44.6         34.5         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.	EPS(Basic Recurring)	10.7	14.0	20.2	27.2
Dividend per share (DPS)         1.0         1.0         1.0         1.0           Book Value per share (BV)         146.4         158.3         177.4         203.4           Growth Ratios (%)         (37.5)         29.1         28.9         28.9           Recurring Net Income         (59.4)         30.7         44.6         34.5           Diluted Recurring EPS         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/MV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Deprating FCF         (13.1)         18.0         22.1         S&A/Sales (%)         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8         23.8         23.8         23.8           Inventory	Diluted Recurring EPS	10.2	14.0	20.2	27.2
Dividend per share (DPS)         1.0         1.0         1.0         1.0         1.0           Book Value per share (BV)         146.4         158.3         177.4         203.4           Growth Ratios (%)         Operating Income         (26.1)         18.4         23.6         14.7           EBITDA         (37.5)         29.1         28.9         28.1         1.0         34.6         34.5         31.0         97         P/CEPS         20.8         15.1         10.9         8.3         21.6         29         22.1         20.4         14.3         10.6         7.7         EV / Operating Rcto	Recurring Cash EPS	12.6	17.4	24.1	31.6
Growth Ratios (%) Operating Income(26.1) $18.4$ $23.6$ $14.7$ EBITDA(37.5) $29.1$ $28.9$ $28.9$ Recurring Net Income(59.4) $30.7$ $44.6$ $34.5$ Diluted Recurring EPS(59.4) $30.7$ $44.6$ $34.5$ Diluted Recurring CEPS(54.5) $37.8$ $38.8$ $31.0$ Valuation Ratios (x)P/E24.6 $18.8$ $13.0$ $9.7$ P/CEPS20.8 $15.1$ $10.9$ $8.3$ P/WV $1.8$ $1.7$ $1.5$ $1.3$ EV / EBITDA20.4 $14.3$ $10.6$ $7.7$ EV / Operating Income $9.6$ $7.3$ $5.7$ $4.7$ EV / Operating FCF(13.1) $18.0$ $28.8$ $21.6$ Operating RatioRaw Material/Sales (%) $28.0$ $26.4$ $26.9$ $22.1$ SG&A/Sales (%) $0.0$ $0.0$ $0.0$ $0.0$ Other Income / PBT (%) $17.3$ $15.6$ $10.6$ $7.8$ Effective Tax Rate (%) $27.8$ $23.8$ $23.8$ $23.8$ NWC / Total Assets (%) $33.6$ $33.0$ $32.2$ $31.8$ Inventory Turnover (days) $1,490.0$ $1,235.9$ $937.3$ $937.5$ Receivables (days) $27.85$ $83.8$ $93.9$ $101.2$ Payables (days) $23.1$ $25.6$ $30.3$ $35.7$ Rocumering Net Income Margins $23.1$ $25.6$ $30.3$ $35.7$ RoCE $5$		1.0	1.0	1.0	1.0
Growth Ratios (%) Operating Income(26.1) $18.4$ $23.6$ $14.7$ EBITDA(37.5) $29.1$ $28.9$ $28.9$ Recurring Net Income(59.4) $30.7$ $44.6$ $34.5$ Diluted Recurring EPS(59.4) $30.7$ $44.6$ $34.5$ Diluted Recurring CEPS(54.5) $37.8$ $38.8$ $31.0$ Valuation Ratios (x)P/E24.6 $18.8$ $13.0$ $9.7$ P/CEPS20.8 $15.1$ $10.9$ $8.3$ P/WV $1.8$ $1.7$ $1.5$ $1.3$ EV / EBITDA20.4 $14.3$ $10.6$ $7.7$ EV / Operating Income $9.6$ $7.3$ $5.7$ $4.7$ EV / Operating FCF(13.1) $18.0$ $28.8$ $21.6$ Operating RatioRaw Material/Sales (%) $28.0$ $26.4$ $26.9$ $22.1$ SG&A/Sales (%) $0.0$ $0.0$ $0.0$ $0.0$ Other Income / PBT (%) $17.3$ $15.6$ $10.6$ $7.8$ Effective Tax Rate (%) $27.8$ $23.8$ $23.8$ $23.8$ NWC / Total Assets (%) $33.6$ $33.0$ $32.2$ $31.8$ Inventory Turnover (days) $1,490.0$ $1,235.9$ $937.3$ $937.5$ Receivables (days) $27.85$ $83.8$ $93.9$ $101.2$ Payables (days) $23.1$ $25.6$ $30.3$ $35.7$ Rocumering Net Income Margins $23.1$ $25.6$ $30.3$ $35.7$ RoCE $5$	Book Value per share (BV)	146.4	158.3	177.4	203.4
Operating Income         (26.1)         18.4         23.6         14.7           EBITDA         (37.5)         29.1         28.9         28.9           Recurring Net Income         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8         23.8         23.8         23.8         23.8         23.8         23.8 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Operating Income         (26.1)         18.4         23.6         14.7           EBITDA         (37.5)         29.1         28.9         28.9           Recurring Net Income         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8         23.8         23.8         23.8         23.8         23.8         23.8 </td <td>Growth Ratios (%)</td> <td></td> <td></td> <td></td> <td></td>	Growth Ratios (%)				
EBITDA       (37.5)       29.1       28.9       28.9         Recurring Net Income       (59.4)       30.7       44.6       34.5         Diluted Recurring CEPS       (59.4)       30.7       44.6       34.5         Diluted Recurring CEPS       (54.5)       37.8       38.8       31.0         Valuation Ratios (x)         P/E       24.6       18.8       13.0       9.7         P/CEPS       20.8       15.1       10.9       8.3         P/BV       1.8       1.7       1.5       1.3         EV / EBITDA       20.4       14.3       10.6       7.7         EV / Operating Income       9.6       7.3       5.7       4.7         EV / Operating Ratio       28.0       26.4       26.9       22.1         SG&A/Sales (%)       0.0       0.0       0.0       0.0         Other Income / PBT (%)       17.3       15.6       10.6       7.8         Effective Tax Rate (%)       27.8       23.8       23.8       23.8         Inventory Turnover (days)       1,490.0       1,235.9       937.3       937.5         Receivables (days)       278.5       83.8       93.9       101.2		(26.1)	18.4	23.6	14.7
Diluted Recurring EPS         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating RCF         (13.1)         18.0         28.8         21.6           Operating Ratio         T.3         15.6         10.6         7.8           Raw Material/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Recur		(37.5)	29.1	28.9	28.9
Diluted Recurring EPS         (59.4)         30.7         44.6         34.5           Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/WV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         7.3         15.6         10.6         7.8           Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receiv	Recurring Net Income	(59.4)	30.7	44.6	34.5
Diluted Recurring CEPS         (54.5)         37.8         38.8         31.0           Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/CEPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating Ratio         7.8         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8         21.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8         Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           NWW         7.6		(59.4)	30.7	44.6	34.5
Valuation Ratios (x)         P/E         24.6         18.8         13.0         9.7           P/EPS         20.8         15.1         10.9         8.3           P/BV         1.8         1.7         1.5         1.3           EV / EBITDA         20.4         14.3         10.6         7.7           EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating RCF         (13.1)         18.0         28.8         21.6           Operating Ratio         7.3         5.7         4.7           Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4         0/E         <			37.8	38.8	31.0
P/E       24.6       18.8       13.0       9.7         P/CEPS       20.8       15.1       10.9       8.3         P/BV       1.8       1.7       1.5       1.3         EV / EBITDA       20.4       14.3       10.6       7.7         EV / Operating Income       9.6       7.3       5.7       4.7         EV / Operating Ratio       (13.1)       18.0       28.8       21.6         Operating Ratio         Raw Material/Sales (%)       28.0       26.4       26.9       22.1         SG&A/Sales (%)       0.0       0.0       0.0       0.0         Other Income / PBT (%)       17.3       15.6       10.6       7.8         Effective Tax Rate (%)       27.8       23.8       23.8       23.8         NWC / Total Assets (%)       33.6       33.0       32.2       31.8         Inventory Turnover (days)       1,490.0       1,235.9       937.3       937.5         Receivables (days)       278.5       83.8       93.9       101.2         Payables (days)       182.7       196.2       189.0       206.4         D/E Ratio (x)       0.7       0.6       0.5       0.3	5	( )			
P/CEPS       20.8       15.1       10.9       8.3         P/BV       1.8       1.7       1.5       1.3         EV / EBITDA       20.4       14.3       10.6       7.7         EV / Operating Income       9.6       7.3       5.7       4.7         EV / Operating Ratio       (13.1)       18.0       28.8       21.6         Operating Ratio         Raw Material/Sales (%)       28.0       26.4       26.9       22.1         SG&A/Sales (%)       0.0       0.0       0.0       0.0         Other Income / PBT (%)       17.3       15.6       10.6       7.8         Effective Tax Rate (%)       27.8       23.8       23.8       23.8         NWC / Total Assets (%)       33.6       33.0       32.2       31.8         Inventory Turnover (days)       1,490.0       1,235.9       937.3       937.5         Receivables (days)       278.5       83.8       93.9       101.2         Payables (days)       182.7       196.2       189.0       206.4         D/E Ratio (x)       0.7       0.6       0.5       0.3         Recurring Net Income Margins       23.1       25.6       30.3       35.7 <td>Valuation Ratios (x)</td> <td></td> <td></td> <td></td> <td></td>	Valuation Ratios (x)				
P/BV       1.8       1.7       1.5       1.3         EV / EBITDA       20.4       14.3       10.6       7.7         EV / Operating Income       9.6       7.3       5.7       4.7         EV / Operating FCF       (13.1)       18.0       28.8       21.6         Operating Ratio         Raw Material/Sales (%)       28.0       26.4       26.9       22.1         SG&A/Sales (%)       0.0       0.0       0.0       0.0       0.0         Other Income / PBT (%)       17.3       15.6       10.6       7.8         Effective Tax Rate (%)       23.6       33.0       32.2       31.8         Inventory Turnover (days)       1,490.0       1,235.9       937.3       937.5         Receivables (days)       278.5       83.8       93.9       101.2         Payables (days)       182.7       196.2       189.0       206.4         D/E Ratio (x)       0.7       0.6       0.5       0.3         Recurring Net Income Margins       23.1       25.6       30.3       35.7         RoCE       5.5       6.7       8.9       11.2         RoNW       7.6       9.2       12.0       14.3	P/E	24.6	18.8	13.0	9.7
EV / EBITDA       20.4       14.3       10.6       7.7         EV / Operating Income       9.6       7.3       5.7       4.7         EV / Operating FCF       (13.1)       18.0       28.8       21.6         Operating Ratio         Raw Material/Sales (%)       28.0       26.4       26.9       22.1         SG&A/Sales (%)       0.0       0.0       0.0       0.0         Other Income / PBT (%)       17.3       15.6       10.6       7.8         Effective Tax Rate (%)       27.8       23.8       23.8       23.8         NWC / Total Assets (%)       33.6       33.0       32.2       31.8         Inventory Turnover (days)       1,490.0       1,235.9       937.3       937.5         Receivables (days)       278.5       83.8       93.9       101.2         Payables (days)       182.7       196.2       189.0       206.4         D/E Ratio (x)       0.7       0.6       0.5       0.3         Recurring Net Income Margins       23.1       25.6       30.3       35.7         RoCE       5.5       6.7       8.9       11.2         RoNW       7.6       9.2       12.0       14.3	P/CEPS	20.8	15.1	10.9	8.3
EV / Operating Income         9.6         7.3         5.7         4.7           EV / Operating FCF         (13.1)         18.0         28.8         21.6           Operating Ratio	P/BV	1.8	1.7	1.5	1.3
EV / Operating FCF         (13.1)         18.0         28.8         21.6           Operating Ratio Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8         23.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8         Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5         Receivables (days)         278.5         83.8         93.9         101.2         Payables (days)         182.7         196.2         189.0         206.4         D/E Ratio (x)         0.7         0.6         0.5         0.3           Recurring Net Income Margins         23.1         25.6         30.3         35.7         RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3         3.7         Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4         0.4 </td <td>EV / EBITDA</td> <td>20.4</td> <td>14.3</td> <td>10.6</td> <td>7.7</td>	EV / EBITDA	20.4	14.3	10.6	7.7
Operating Ratio           Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4 <td>EV / Operating Income</td> <td>9.6</td> <td>7.3</td> <td>5.7</td> <td>4.7</td>	EV / Operating Income	9.6	7.3	5.7	4.7
Operating Ratio           Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4 <td>EV / Operating FCF</td> <td>(13.1)</td> <td>18.0</td> <td>28.8</td> <td>21.6</td>	EV / Operating FCF	(13.1)	18.0	28.8	21.6
Raw Material/Sales (%)         28.0         26.4         26.9         22.1           SG&A/Sales (%)         0.0         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         76         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4					
SG&A/Sales (%)         0.0         0.0         0.0         0.0           Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4	Operating Ratio				
Other Income / PBT (%)         17.3         15.6         10.6         7.8           Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         76         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3	Raw Material/Sales (%)	28.0	26.4		22.1
Effective Tax Rate (%)         27.8         23.8         23.8         23.8           NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3	SG&A/Sales (%)	0.0	0.0	0.0	0.0
NWC / Total Assets (%)         33.6         33.0         32.2         31.8           Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         7.6         9.2         12.0         14.3           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3	Other Income / PBT (%)	17.3			-
Inventory Turnover (days)         1,490.0         1,235.9         937.3         937.5           Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
Receivables (days)         278.5         83.8         93.9         101.2           Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3	NWC / Total Assets (%)	33.6	33.0	32.2	31.8
Payables (days)         182.7         196.2         189.0         206.4           D/E Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3		1,490.0	1,235.9	937.3	
D/Ē Ratio (x)         0.7         0.6         0.5         0.3           Return/Profitability Ratio (%)         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
Return/Profitability Ratio (%)           Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3		-			
Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3	D/E Ratio (x)	0.7	0.6	0.5	0.3
Recurring Net Income Margins         23.1         25.6         30.3         35.7           RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
RoCE         5.5         6.7         8.9         11.2           RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
RoNW         7.6         9.2         12.0         14.3           Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3		-			
Dividend Payout Ratio         9.3         7.1         4.9         3.7           Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
Dividend Yield         0.4         0.4         0.4         0.4           EBITDA Margins         47.2         51.4         53.6         60.3					
EBITDA Margins         47.2         51.4         53.6         60.3				-	-
		-			
			51.4	53.6	60.3

*I-Sec investment ratings (all ratings relative to Sensex over next 12 months)* BUY: +10% outperformance; HOLD: -10% to +10% relative performance; SELL: +10% underperformance

#### ANALYST CERTIFICATION

We /I, Shaleen Silori, MBA (Finance), BTech; Gaurav Pathak, PGDM, BTech research analyst and the author of this report, hereby certify that all of the views expressed in this research report accurately reflect our personal views about any and all of the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. Analysts aren't registered as research analysts by FINRA and might not be an associated person of ICICI Securities Inc.

#### Disclosures:

ICICI Securities Limited (ICICI Securities) and its affiliates are a full-service, integrated investment banking, investment management and brokerage and financing group. We along with affiliates are leading underwriter of securities and participate in virtually all securities trading markets in India. We and our affiliates have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. Our research professionals provide important input into our investment banking and other business selection processes. ICICI Securities generally prohibits its analysts, persons reporting to analysts and their dependent family members from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. The information and opinions in this report have been prepared by ICICI 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 ICICI Securities. While we would endeavour to update the information herein on reasonable basis, ICICI Securities, its subsidiaries and associated companies, their directors and employees ("ICICI Securities from doing so. Nonrated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities is acting in an advisory capacity to this company, or in certain other circumstances.

This report is based on information obtained 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 may 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. ICICI 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 judgement by any recipient. The recipient should independently evaluate the investment risks. The value and return of investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities and affiliates accept no liabilities 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. 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.

ICICI Securities and its affiliates might have managed or co-managed a public offering for the subject company in the preceding twelve months. ICICI Securities and affiliates might have received 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 public offerings, corporate finance, investment banking or other advisory services in a merger or specific transaction. ICICI Securities and affiliates expect to receive compensation from the companies mentioned in the report within a period of three months following the date of public offerings, corporate finance, investment banking or other advisory services in a merger or specific transaction. ICICI Securities and affiliates expect to receive compensation from the companies mentioned in the report within a period of three months following the date of public offerings, corporate finance, investment banking or other advisory services in a merger or specific transaction. It is confirmed that *Shaleen Silori, MBA (Finance), BTech; Gaurav Pathak, PGDM, BTech* research analyst and the author of this report have not received any compensation from the companies mentioned in the report worths. Our research professionals are paid in part based on the profitability of ICICI Securities, which include earnings from Investment Banking and other business.

ICICI Securities or its affiliates collectively 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.

It is confirmed that Shaleen Silori, MBA (Finance), BTech; Gaurav Pathak, PGDM, BTech research analyst and the author of this report or any of their family members does not serve as an officer, director or advisory board member of the companies mentioned in the report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report. ICICI Securities and affiliates may act upon or make use of information contained in the report prior to the publication thereof. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.