

# **APL Apollo Tubes**

Estimate change	<b>↓</b>
TP change	<b>—</b>
Rating change	<b>←→</b>
	, ,

Bloomberg	APAT IN
Equity Shares (m)	278
M.Cap.(INRb)/(USDb)	434.3 / 5.2
52-Week Range (INR)	1806 / 1047
1, 6, 12 Rel. Per (%)	3/-20/12
12M Avg Val (INR M)	1384

### Financials & Valuations (INR b)

Financials & Valuations (INK b)									
Y/E Mar	FY24	FY25E	FY26E						
Sales	181.2	229.5	289.5						
EBITDA	11.9	16.2	22.2						
PAT	7.3	10.5	15.4						
EBITDA (%)	6.6	7.1	7.7						
EPS (INR)	26.4	37.9	55.7						
EPS Gr. (%)	14.1	43.7	46.7						
BV/Sh. (INR)	130.0	161.9	211.6						
Ratios									
Net D/E	0.2	-0.1	-0.3						
RoE (%)	22.2	26.0	29.8						
RoCE (%)	19.0	22.8	28.1						
Payout (%)	18.9	15.8	10.8						
Valuations									
P/E (x)	59.3	41.2	28.1						
EV/EBITDA (x)	37.1	26.4	18.7						
Div Yield (%)	0.3	0.4	0.4						
FCF Yield (%)	1.0	3.4	3.1						

### Shareholding pattern (%)

As on	Mar-24	Dec-23	Mar-23
Promoter	29.4	29.6	31.2
DII	14.1	13.8	11.1
FII	30.7	29.3	25.7
Others	25.8	27.4	32.1

Note: FII includes depository receipts

CMP: INR1,565 TP: INR1,800 (+15%) Buy

### Muted volume and margin contraction hurt earnings

### **Earnings below our estimate**

- APL Apollo Tubes (APAT) reported muted sales volume of 679KMT (up 4% YoY and 12% QoQ) in 4QFY24, led by channel de-stocking due to steel price corrections. Further, EBITDA/MT declined ~17% YoY to ~INR4,132, due to higher rebates and discounts offered by APAT to counter the inventory destocking.
- We cut our FY25E earnings by 8% due to lower EBITDA/MT (reduced by 4%), while largely maintaining our earnings for FY26E. We value the stock at 32x FY26E EPS to arrive at a TP of INR1,800. Reiterate BUY.

### Higher discounting hurts operating margins

- Consolidated revenue grew 8%/14% YoY/QoQ to INR47.7b (est. INR42.1) in 4QFY24, led by volume growth (up 4% YoY and 12% QoQ to 679KMT) and improved realization (up 3% YoY and 1% QoQ to INR70,230/MT).
- VAP mix stood at 60% in 4QFY24 vs. 54% in 4QFY23 and 59% in 3QFY24, underpinned by a gradual ramp-up of the Raipur and Dubai plants.
- Gross profit/MT declined 7% YoY and 5% QoQ to INR9,330, led by higher rebates and discounts offered by APAT to counter the inventory destocking (due to falling steel prices).
- EBITDA/MT dipped 17% YoY and 11% QoQ to INR4,132 in 4QFY24. EBITDA declined 13% YoY (flat QoQ) to INR2.8b (est. INR3.1b).
- Adj. PAT declined 16% YoY, while it rose 3% QoQ to INR1.7b (est. INR1.95b).
- Net debt as of Mar'24 increased to INR7.8b from INR5.2b as of Mar'23.
- For FY24, APAT's revenue/EBITDA/Adj. PAT grew 12%/17%/14% YoY to INR181b/INR11.9b/INR7.3b.

### Highlights from the management commentary

- Demand scenario: The company witnessed decent demand in Apr-May'24 despite the election environment. It expects a healthy momentum in FY25 as well, especially post-election, as all the projects will ramp-up.
- **Guidance**: Going forward, the company expects ~20-25% volume CAGR for the next three years. The Raipur/Dubai plants are likely to witness ~70-75%/50% capacity utilization in FY25.
- **Exports:** APAT witnessed an export volume of ~110KMT in FY24. With the Dubai plant likely to generate ~150KTPA of sales volume in FY25, APAT expects an export of ~200-250KTPA during the year.

### Valuation and view

- The incremental capacity from the upcoming plants and debottlenecking, along with the addition of high-margin products from the Raipur and Dubai units, should result in strong volume growth and margin expansion going forward.
- We expect a revenue/EBITDA/PAT CAGR of 26%/37%/45% over FY24-26.
  We value the stock at 32x FY26E EPS to arrive at a TP of INR1,800.
  Reiterate BUY.

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Consolidated	- Quarterly	earnings $\nu$	model

1Q

34,386

32,446

1,939

5.6

294

100

83

2,023

521

25.7

1,502

1,502

2.8

3.8

2,290

598

26.1

1,692

1,692

32.3

3.9

2,692

673

25.0

2,018

2,018

14.3

4.6

2,608

672

25.8

1,936

1,936

60.5

4.3

2,767

738

26.7

2,029

2,029

35.1

4.4

1,629

1,629

422

25.9

1,207

1,207

-28.4

3.5

35.7

Y/E March

**Gross Sales** 

**EBITDA** 

Interest

**PBT** 

Tax

YoY Change (%)

**Total Expenditure** 

Margins (%)

Depreciation

Other Income

Rate (%)

Adj PAT

**Reported PAT** 

Margins (%)

YoY Change (%)

**PBT before EO expense** 

nodel										(INR m)
FY2	23			FY2	24		FY23	FY24	FY24E	Var
2Q	<b>3Q</b>	4Q	1Q	2Q	3Q	4Q			4QE	%
39,692	43,271	44,311	45,449	46,304	41,778	47,657	1,61,660	1,81,188	42,112	13
28.7	34.0	5.1	32.2	16.7	-3.5	7.6	23.8	12.1	-2.7	
37,373	40,543	41,082	42,377	43,054	38,982	44,854	1,51,444	1,69,266	38,967	
2,319	2,729	3,229	3,072	3,250	2,795	2,804	10,216	11,922	3,145	-11
5.8	6.3	7.3	6.8	7.0	6.7	5.9	6.3	6.6	7.5	
276	345	468	409	413	471	466	1,383	1,759	500	
136	186	249	271	266	285	311	671	1,134	240	
116	93	180	217	196	150	186	472	749	210	
2,023	2,290	2,692	2,608	2,767	2,190	2,212	8,633	9,777	2,615	

8,633

2,215

25.7

6,419

6,419

3.7

4.0

9,777

2,453

25.1

7,324

7,324

14.1

4.0

2,615

658

25.2

1,957

1,957

15.7

4.6

-13

2,190

535

24.4

1,655

1,655

-2.2

4.0

2,212

508

23.0

1,704

1,704

-15.5

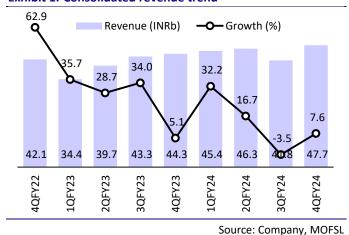
3.6

Key performance indicators							
Y/E March	4QFY23	1QFY24	2QFY24	3QFY24	4QFY24	YoY	QoQ
Segment Volumes ('000 MT)							
Apollo Structural							
Big Section	39	45	51	62	64	63%	3%
Super Heavy Section	2	4	5	7	8	234%	3%
Light Structures	108	112	113	95	102	-5%	7%
General Structures	299	282	301	249	272	-9%	9%
Apollo Z - Rust-proof structures	163	170	144	124	156	-5%	26%
Apollo Z- Coated Products	10	19	29	36	40	315%	11%
Apollo Galv - Agri/Industrial	27	30	32	30	37	34%	23%
TOTAL	650	662	675	604	679	4%	12%
Value Added Products	350	381	374	355	407	16%	15%
Segment EBITDA/MT (INR/MT)							
Apollo Structural							
Big Section	8,437	7,618	8,481	8,177	7,845	-7%	-4%
Super Heavy Section	9,604	8,777	10,014	9,551	9,210	-4%	-4%
Light Structures	6,256	5,775	6,258	5,771	5,187	-17%	-10%
General Structures	2,579	2,252	2,152	1,771	1,802	-30%	2%
Apollo Z - Rust-proof structures	7,327	6,749	6,721	6,144	4,865	-34%	-21%
Apollo Z- Coated Products	4,424	4,044	7,472	7,516	6,023	36%	-20%
Apollo Galv - Agri/Industrial	6,780	6,196	7,196	6,452	5,725	-16%	-11%
Cost Break-up							
RM Cost (% of sales)	85%	86%	86%	86%	87%	136bp	89bp
Employee Cost (% of sales)	1%	1%	1%	2%	1%	13bp	-7bp
Other Cost (% of sales)	6%	6%	6%	6%	6%	-8bp	-1bp
Gross Margins (%)	15%	14%	14%	14%	13%	-136bp	-89bp
EBITDA Margins (%)	7.3%	6.8%	7.0%	6.7%	5.9%	-140bp	-81bp

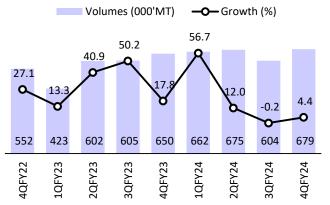
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### **Key Exhibits**

**Exhibit 1: Consolidated revenue trend** 

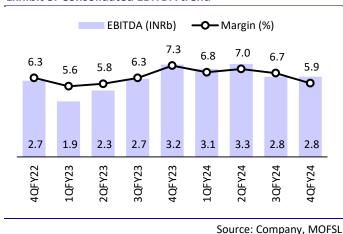


**Exhibit 2: Volume trend** 

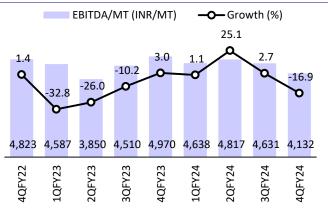


Source: Company, MOFSL

**Exhibit 3: Consolidated EBITDA trend** 

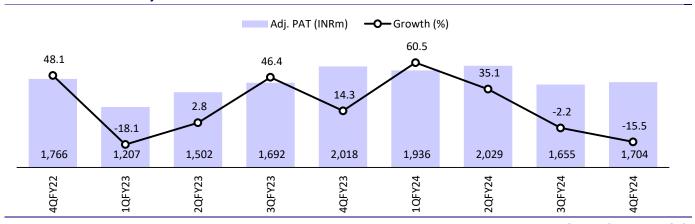


**Exhibit 4: EBITDA/MT trend** 



Source: Company, MOFSL

Exhibit 5: Consolidated Adj. PAT trend



Source: Company, MOFSL

### Exhibit 6: Hospital work at Delhi

- GTB Nagar
- · Shalimar Bagh
- Sultanpuri
- Geeta Colony
- Sarita Vihar
- Raghuvir Nagar







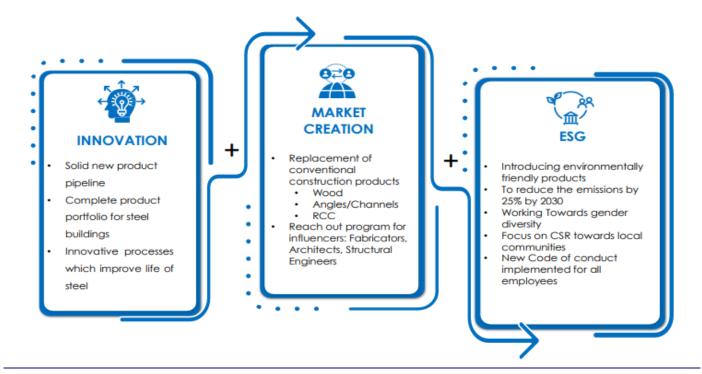






Source: MOFSL, Company

### **Exhibit 7: The company's vision**



Source: Company, MOFSL

### **Exhibit 8: Growth drivers for APAT**

# Growth Drivers

## A Capacity expansion

### Raipur project

- Capacity: 1.0 MTPA (infrastructure of 1.5 MTPA)
- Capex: Rs13bn (90% already incurred)
- · Potential financials:
  - · Revenue: Rs70bn+
  - · EBITDA: Rs6bn+

**Products** 

В

Project specifically focused at High-value added products 3 key product categories:

### **High Diameter High Thickness Tubes**

• 500m x 500m and 1000m x 1000m

**New products** 

- · Capacity: 0.3 MTPA
- · Suitable for high rise, high load bearing structures
- · Reduces project cost by ~20% for the developer

#### **Coated Tubes**

- · Colored and aalvanized
- Capacity: 0.3 MTPA
- Suitable for Warehousing, infrastructure & industrial segments

#### **Coated Products**

- · Narrow cold rolled and flat products
- · Capacity: 0.4 MTPA
- New age products to replace existing products of wood, PVC etc.

## Geographic expansion

### East India

Capacity: 0.2 MTPA Project to help deeper penetration in the Eastern India market Land acquisition in process COD: FY 25

#### Dubai

Capacity: 0.3 MTPA First plant outside India for catering to Middle East and European markets COD: FY 25



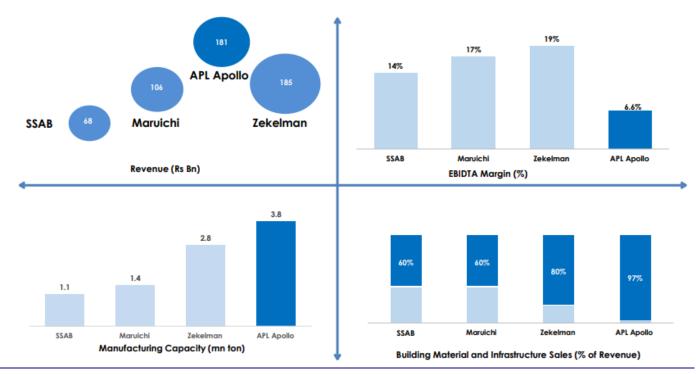
Focus on high margin

products

Source: Company, MOFSL

### **Exhibit 9: Global peer benchmarking**

# Global Peer Benchmarking



Source: Company, MOFSL

### Highlights from the management commentary

### **Operating Performance**

- APAT clocked a sales volume of ~2.6MMT in FY24, i.e., below the guidance given at the start of the year.
- The shortfall in sales volumes was broadly on account of (1) an overall slowdown in construction activity ~100 KTPA impact; (2) late commissioning of the Raipur and Dubai plants ~100 KTPA impact; and (3) high interest rate and high inflation during the start of the year.

### **New facilities**

- APAT had a capacity of ~4 MMT as of Mar'24. It invested ~INR14-15b in the Raipur plant and ~INR3-4b in the Dubai plant.
- Now the company can reach a manufacturing capacity of ~5MMT by just incurring additional capex of ~INR6b
- The Raipur plant's manufacturing capacity stood at ~1 MMT as of Mar'24.
- > The plant witnessed ~55% utilization rate in 4QFY24. Management expects the utilization to reach ~70-75% in FY25
- The Dubai plant consists of four mills (two have already been set-up and the rest two are work in progress). The operational mills witnessed 45% capacity utilization in 4QFY24.
- ➤ APAT expects to clock a production of ~150KTPA in FY25 (i.e., ~50% utilization of total capacity of ~300KTPA including all four mills)

### **Demand scenario and outlook**

- The company witnessed decent demand in Apr-May'24 despite the election environment. It expects a healthy momentum in FY25 as well, especially post-election, as all the projects will ramp-up.
- The company is still aggressive on sales in 1QFY25 and is offering higher discounts (INR5-10/kg) for a few of the categories.
- Going forward, APAT expects ~20-25% volume CAGR over the next three years.

### **Margins**

- Steel prices were coming down during the quarter and the company had to push their products on discount which impacted the EBITDA/MT in 4QFY24
- Further, the recently commercialized plants in Raipur and Dubai are stabilizing, leading to higher fixed costs.
- Apollo Z also witnessed higher mix of roofing sheets in 4QFY24, leading to lower margins during the quarter

### Other key highlights

- Steel Tube usage in housing/commercial buildings in commercial/infrastructure is ~8-10x of other building material products.
- APAT's price premium vs. peers (the second and third players in the market) has improved to ~5% vs. ~2% earlier
- The spread in primary steel v/s secondary steel is ~INR6,700/MT v/s ~INR15,000/MT in 2QFY24. This narrowed gap will be beneficial for the company.

- Overall mix of steel (as a percentage of total RM cost) for APAT has been going down with increasing mix of Value Added Products (VAP). The VAP products also require other raw materials such as zinc, any other metals, paints, colors etc.
- APAT exported ~110K tons in FY24. The company expects to generate incremental volumes of ~150KTPA from Dubai plant. So overall exports will be ~200-250KTPA in FY25
- Shankara contribution stood at ~7-8% of total sales volume.
- When APAT will reach sales volume of ~5MMT, ~70-75% of sales contribution will come from VAP.
- APAT is looking to enter the solar energy industry. APAT's steel tubes will be used for developing solar structures. It is currently working with some of the solar power developers. 1 MW of solar panels will require ~25 tons tubes.

### Valuation and View

- We believe APAT would sustain its earnings momentum on the back of: 1) growing demand across segments, 2) increased product penetration with a robust distribution network, 3) rapid capacity expansion, 4) an increase in the share of VAP, thus driving margins, and 5) its market leadership.
- The capacity addition from the upcoming plants, operating leverage, growing share of VAP, and the addition of high-margin products from the Raipur and Dubai units should lead to margin improvements and higher cash generation.
- We expect a revenue/EBITDA/PAT CAGR of 26%/37%/45% over FY24-26. We value the stock at 32x FY26E EPS to arrive at a TP of INR1,800. Reiterate BUY.

**Exhibit 10: Revisions to our estimates** 

Earnings change	Old		No	ew	Change		
(INR m)	FY25E	FY26E	FY25E	FY26E	FY25E	FY26E	
Revenue	2,26,511	2,85,375	2,29,496	2,89,490	1%	1%	
EBITDA	17,298	22,753	16,235	22,243	-6%	-2%	
Adj. PAT	11,483	15,805	10,525	15,444	-8%	-2%	

### **Financials and valuations**

Inventory

Consolidated - Income Statement									(INRm
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26
Total Income from Operations	53,348	71,523	77,232	84,998	1,30,633	1,61,660	1,81,188	2,29,496	2,89,49
Change (%)	36.0	34.1	8.0	10.1	53.7	23.8	12.1	26.7	26.:
RM Cost	45,483	63,077	65,786	71,648	1,12,231	1,40,178	1,56,172	1,95,301	2,46,350
Employees Cost	862	1,079	1,422	1,296	1,530	2,062	2,576	2,869	3,619
Other Expenses	3,292	3,439	5,252	5,266	7,419	9,204	10,518	15,091	17,272
Total Expenditure	49,637	67,595	72,459	78,210	1,21,181	1,51,444	1,69,266	2,13,261	2,67,247
% of Sales	93.0	94.5	93.8	92.0	92.8	93.7	93.4	92.9	92.3
EBITDA	3,710	3,928	4,773	6,787	9,453	10,216	11,922	16,235	22,243
Margin (%)	7.0	5.5	6.2	8.0	7.2	6.3	6.6	7.1	7.7
Depreciation	534	643	959	1,028	1,090	1,383	1,759	2,188	2,363
EBIT	3,176	3,286	3,814	5,759	8,363	8,832	10,162	14,047	19,880
Int. and Finance Charges	813	1,134	1,073	661	445	671	1,134	900	400
Other Income	80	117	222	359	405	472	749	918	1,158
PBT bef. EO Exp.	2,443	2,269	2,963	5,458	8,323	8,633	9,777	14,065	20,638
EO Items	0	0	0	0	0	0	0	0	C
PBT after EO Exp.	2,443	2,269	2,963	5,458	8,323	8,633	9,777	14,065	20,638
Total Tax	862	787	403	1,381	2,133	2,215	2,453	3,540	5,195
Tax Rate (%)	35.3	34.7	13.6	25.3	25.6	25.7	25.1	25.2	25.2
Minority Interest	0	0	180	475	617	0	0	0	C
Reported PAT	1,581	1,482	2,380	3,602	5,573	6,419	7,324	10,525	15,444
Adjusted PAT	1,581	1,482	2,380	3,602	5,573	6,419	7,324	10,525	15,444
Change (%)	4.0	-6.2	60.5	51.3	54.7	15.2	14.1	43.7	46.7
Margin (%)	3.0	2.1	3.1	4.2	4.3	4.0	4.0	4.6	5.3
									/INID
Consolidated - Balance Sheet									(INR m
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E
Equity Share Capital	237	239	249	250	501	555	555	555	555
Total Reserves	8,141	9,402	13,313	16,697	22,139	29,501	35,491	44,352	58,131
Net Worth	8,379	9,641	13,562	16,947	22,640	30,056	36,046	44,907	58,687
Minority Interest	0	0	954	1,383	2,000	0	0	0	(
Total Loans	7,751	8,581	8,338	5,203	5,806	8,729	11,246	6,246	2,246
Deferred Tax Liabilities	994	1,200	1,012	1,112	1,187	1,171	1,258	1,258	1,258
Capital Employed	17,124	19,422	23,865	24,644	31,633	39,957	48,550	52,410	62,190
Gross Block	9,617	11,626	17,246	18,568	20,677	29,513	38,099	41,472	44,447
Less: Accum. Deprn.	988	1,548	2,507	3,535	4,625	6,008	7,767	9,956	12,318
Net Fixed Assets	8,628	10,078	14,738	15,033	16,053	23,505	30,331	31,517	32,129
Goodwill on Consolidation	230	230	1,375	1,375	1,375	1,375	1,375	1,375	1,375
Capital WIP	460	275	101	1,077	5,037	3,740	2,030	2,156	1,683
Total Investments	11	494	15	15	913	960	1,027	4,527	8,027
Current Investments	0	0	0	0	50	0	0	3,500	7,000
Curr. Assets, Loans&Adv.	12,483	16,663	16,431	16,491	21,147	28,936	37,105	38,305	50,932
	, .55		,	,			,_,		,

4,764 1,306 1,886 **Account Receivables** 4,321 5,433 3,417 1,374 1,391 2,379 Cash and Bank Balance 68 478 456 3,579 3,764 3,525 3,476 7,958 12,811 Loans and Advances 4,006 11,580 2,179 2,917 3,370 5,494 9,239 15,859 9,180 Curr. Liability & Prov. 8,796 9,345 12,891 18,560 25,470 31,954 4,688 8,317 23,318 21,034 26,359 **Account Payables** 3,793 6,989 7,644 7,859 10,595 15,970 19,816 Other Current Liabilities 814 1,220 979 1,310 2,113 2,357 3,229 4,090 5,159 **Provisions** 81 108 173 177 184 233 273 346 436 **Net Current Assets** 7,795 8,346 7,636 7,145 8,256 10,377 13,787 12,836 18,978 **Appl. of Funds** 17,124 19,422 23,865 24,644 31,633 39,957 48,550 52,410 62,190

7,842

7,599

8,472

14,799

16,379

19,281

24,162

5,915

7,835

### **Financials and valuations**

Ratios									
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E
Basic (INR)									
EPS	5.7	5.3	8.6	13.0	20.1	23.1	26.4	37.9	55.7
Cash EPS	7.6	7.7	12.0	16.7	24.0	28.1	32.8	45.8	64.2
BV/Share	30.2	34.8	48.9	61.1	81.6	108.4	130.0	161.9	211.6
DPS	1.2	1.2	0.0	0.0	3.5	3.5	5.0	6.0	6.0
Payout (%)	25.3	27.7	0.0	0.0	17.4	15.1	18.9	15.8	10.8
Valuation (x)									
P/E	274.5	292.8	182.4	120.5	77.9	67.6	59.3	41.2	28.1
Cash P/E	205.2	204.3	130.0	93.8	65.2	55.6	47.8	34.1	24.4
P/BV	51.8	45.0	32.0	25.6	19.2	14.4	12.0	9.7	7.4
EV/Sales	8.3	6.2	5.7	5.1	3.4	2.7	2.4	1.9	1.4
EV/EBITDA	119.1	112.6	92.8	64.4	46.3	43.0	37.1	26.4	18.7
Dividend Yield (%)	0.1	0.1	0.0	0.0	0.2	0.2	0.3	0.4	0.4
FCF per share	3.5	4.7	-5.4	24.1	1.6	-2.3	15.3	52.7	47.8
Return Ratios (%)									
RoE	20.5	16.5	20.5	23.6	28.2	24.4	22.2	26.0	29.8
RoCE	14.5	12.9	17.4	20.8	25.8	20.6	19.0	22.8	28.1
RoIC	14.1	12.4	15.9	19.9	29.7	24.5	20.6	26.3	38.4
Working Capital Ratios									
Fixed Asset Turnover (x)	5.5	6.2	4.5	4.6	6.3	5.5	4.8	5.5	6.5
Asset Turnover (x)	3.1	3.7	3.2	3.4	4.1	4.0	3.7	4.4	4.7
Inventory (Days)	40	40	37	33	24	33	33	31	30
Debtor (Days)	30	28	23	6	10	3	3	3	3
Creditor (Days)	26	36	36	34	30	36	40	33	33
Leverage Ratio (x)									
Current Ratio	2.7	2.0	1.9	1.8	1.6	1.6	1.6	1.5	1.6
Interest Cover Ratio	3.9	2.9	3.6	8.7	18.8	13.2	9.0	15.6	49.7
Net Debt/Equity	0.9	0.8	0.6	0.1	0.1	0.2	0.2	-0.1	-0.3
									(INR m)
Consolidated - Cash Flow Stateme									
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E
OP/(Loss) before Tax	2,443	2,269	2,963	5,458	8,323	8,633	9,777	14,065	20,638
Depreciation	534	0	959	1,028	1,090	1,383	1,759	2,188	2,363
Interest & Finance Charges	789	0	851	302	40	199	385	-18	-758
Direct Taxes Paid	-602	-673	-403	-1,381	-1,993	-2,161	-2,453	-3,540	-5,195
(Inc)/Dec in WC	-2,342	287	725	3,577	-1,154	-1,475	1,646	5,433	-1,290
CF from Operations	823	1,884	5,096	8,983	6,306	6,580	11,115	18,128	15,759
Others	91	1,693	0	0	211	321	0	0	0
CF from Operating incl EO	914	3,576	5,096	8,983	6,517	6,901	11,115	18,128	15,759
(Inc)/Dec in FA	48	-2,261	-6,591	-2,298	-6,070	-7,539	-6,876	-3,500	-2,500
Free Cash Flow	961	1,316	-1,495	6,685	447	-638	4,239	14,628	13,259
(Pur)/Sale of Investments	2	-390	479	0	-898	-48	-67	-3,500	-3,500
Others	-1,703	13	1,763	-4,171	1,666	-1,171	-2,214	918	1,158
CF from Investments	-1,654	-2,639	-4,349	-6,468	-5,301	-8,757	-9,157	-6,082	-4,842
Issue of Shares	100	56	10	1	251	1,284	0	0	0
Inc/(Dec) in Debt	1,807	830	-244	-3,135	603	2,924	2,516	-5,000	-4,000
Interest Paid	-772	-1,014	-1,073	-661	-445	-671	-1,134	-900	-400
Dividend Paid	-283	-400	0	0	-971	-971	-1,387	-1,664	-1,664
Others	-59	0	538	4,403	-469	-949	-2,004	0	0
CF from Fin. Activity	792	-528	-768	609	-1,031	1,617	-2,008	-7,564	-6,064
Inc/Dec of Cash	52	410	-22	3,123	185	-240	-49	4,482	4,853
Opening Balance	16	68	478	456	3,579	3,765	3,525	3,476	7,958
Closing Balance	68	478	456	3,579	3,765	3,525	3,476	7,958	12,811

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### NOTES

Explanation of Investment Rating					
Investment Rating	Expected return (over 12-month)				
BUY	>=15%				
SELL	< - 10%				
NEUTRAL	< - 10 % to 15%				
UNDER REVIEW	Rating may undergo a change				
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation				

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