

APL Apollo Tubes

Estimate change

TP change

Rating change



Bloomberg	APAT IN
Equity Shares (m)	250
M.Cap.(INRb)/(USDb)	409.9 / 5
52-Week Range (INR)	1601 / 943
1, 6, 12 Rel. Per (%)	11/15/31
12M Avg Val (INR M)	650

Financials & Valuations (INR b)

Y/E Mar	2023	2024E	2025E
Sales	161.7	191.5	250.9
EBITDA	10.2	14.5	21.0
PAT	6.4	9.3	14.4
EBITDA (%)	6.3	7.6	8.4
EPS (INR)	23.1	33.4	51.8
EPS Gr. (%)	15.2	44.5	55.1
BV/Sh. (INR)	108.4	136.8	182.7
Ratios			
Net D/E	0.2	-0.0	-0.2
RoE (%)	24.4	27.3	32.5
RoCE (%)	20.6	24.0	30.3
Payout (%)	15.1	15.0	11.6
Valuations			
P/E (x)	63.9	44.3	28.5
EV/EBITDA (x)	40.7	28.3	19.1
Div Yield (%)	0.2	0.3	0.4
FCF Yield (%)	-0.2	1.8	2.6
FCF Yield (%)	-0.2	1.8	2.

Shareholding pattern (%)

As on	Jun-23 Mar-23							
Promoter	30.6	31.2	34.5					
DII	12.7	11.1	11.2					
FII	25.1	25.7	24.6					
Others	31.6	32.1	29.7					
Note: FII includes depository receipts								

CMP: INR1,480 TP: INR1,715 (+16%) Buy

Operating leverage drives earnings

Earnings in line with estimates

- APAT reported robust volume growth of ~56% YoY/2% QoQ to 662KMT. The share of Value-Added Product (VAP) improved sequentially to 57% in 1QFY24 from 54% in 4QFY23, but was still below 1QFY23 levels of 61%. EBITDA/MT was marginally up by 1% YoY, despite Gross profit/MT declining 11% YoY, on the back of favorable operating leverage.
- While we maintain our FY24 earnings estimates, we increase our FY25 earnings estimates by 12%, based on an increase in volume estimates of ~9%. The volume growth visibility is improving due to a favorable demand outlook coupled with incremental capacity addition to meet this demand. We value the stock at 33x FY25E EPS to arrive at a TP of INR1,715. We reiterate our **BUY** rating on the stock.

Robust volume growth drives sales

- Consolidated revenue grew 32% YoY to INR45.5b (est. INR40.9b) in 1QFY24, led by strong volume growth (up 56% YoY to 662KMT). Realization declined 16% YoY to INR68,700/MT.
- Gross profit/MT declined 11% YoY to INR9,436. EBITDA/MT grew marginally by 1% YoY to INR4,645 in 1QFY24, despite a lower mix of value-added products (down 4pp YoY to 57%) and high costs of the new Raipur plant. On a sequential basis, gross profit/MT and EBITDA/MT declined 6% and 7%, as APAT offered channel discounting to counter inventory destocking, led by volatility in raw material prices.
- EBITDA rose 58% YoY, but declined 5% QoQ to INR3.1b (est. INR3.2b) in 10FY24
- Adjusted PAT grew 60% YoY, but declined 4% QoQ to INR1.9b (est. INR2b).

Highlights from the management commentary

- Capex: APAT is expected to incur ~INR5-6b of capex in FY24 (INR1.8b already incurred in 1QFY24) to achieve its targeted total manufacturing capacity of ~5MMT. Following the completion of this phase, APAT plans to consider adding another 5MMT of capacity by FY30, provided the total production reaches ~4MMT by FY25.
- **Guidance**: The management has guided for sales volume of ~1.5-1.6MMT in 2HFY24. It targets to achieve EBITDA of ~INR14-15b in FY24.
- Raipur plant: The management expects the Raipur plant to contribute ~0.5-0.6MMT of volumes in FY24. EBITDA spreads from the Raipur plant is expected to be ~INR6,000-7,000 once the plant is fully stabilized (it will take ~2-2.5 years more). At the current utilization level of ~30%, the EBITDA/MT is ~INR3,000-4,000.

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Valuation and view

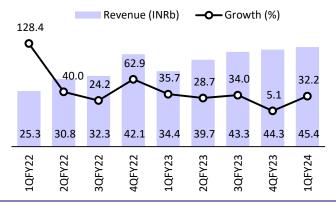
- The incremental capacity from upcoming plants and debottlenecking, along with the addition of high-margin products from the Raipur unit, should result in strong volume growth and margin expansion going ahead.
- We expect a revenue/EBITDA/PAT CAGR of 25%/43%/50% over FY23-25.
- While we maintain our FY24 earnings estimates, we increase our FY25 earnings estimates by 12%, based on an increase in volume estimates of ~9%. The volume growth visibility is improving due to a favorable demand outlook coupled with incremental capacity addition to meet this demand. We value the stock at 33x FY25E EPS to arrive at a TP of INR1,715. We reiterate our **BUY** rating on the stock.

Y/E March		FY	23			FY	24		FY23	FY24	FY24E	Var
T/E Water	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE	1123	1124	1QE	%
Gross Sales	34,386	39,692	43,271	44,311	45,449	46,004	47,216		1,61,660	1 91 482	40,888	11
YoY Change (%)	35.7	28.7	34.0	5.1	32.2	15.9	9.1	19.2	23.8	18.4	18.9	
Total Expenditure	32,446	37,373	40,543	41,082	42,377	42,562	43,568	48,507	1,51,444	1,77,013	37,646	
EBITDA	1,939	2,319	2,729	3,229	3,072	3,442	3,647	4,307	10,216	14,469	3,242	-5
Margins (%)	5.6	5.8	6.3	7.3	6.8	7.5	7.7	8.2	6.3	7.6	7.9	
Depreciation	294	276	345	468	409	450	480	500	1,383	1,839	470	
Interest	100	136	186	249	271	260	250	240	671	1,021	180	
Other Income	83	116	93	180	217	180	200	210	472	807	110	
PBT before EO expense	1,629	2,023	2,290	2,692	2,608	2,912	3,117	3,777	8,633	12,415	2,702	
PBT	1,629	2,023	2,290	2,692	2,608	2,912	3,117	3,777	8,633	12,415	2,702	
Tax	422	521	598	673	672	733	785	951	2,215	3,141	680	
Rate (%)	25.9	25.7	26.1	25.0	25.8	25.2	25.2	25.2	25.7	25.3	25.2	
Reported PAT	1,207	1,502	1,692	2,018	1,936	2,179	2,333	2,826	6,419	9,274	2,022	
Adj PAT	1,207	1,502	1,692	2,018	1,936	2,179	2,333	2,826	6,419	9,274	2,022	-4
YoY Change (%)	-28.4	2.8	32.3	14.3	60.5	45.1	37.9	40.0	3.7	44.5	67.6	
Margins (%)	3.5	3.8	3.9	4.6	4.3	4.7	4.9	5.4	4.0	4.8	4.9	

Y/E March	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24
Segment Volumes ('000 MT)					
Apollo Structural					
Big Section	33	41	46	39	45
Super Heavy Section	0	0	0	2	4
Light Structures	59	109	132	108	111
General Structures	165	276	264	299	282
Apollo Z - Rust-proof structures	141	137	125	163	170
Apollo Z- Coated Products	7	12	10	10	19
Apollo Galv - Agri/Industrial	18	27	28	27	30
TOTAL	423	602	605	650	662
Value Added Products	258	326	341	350	380
Segment EBITDA/MT (INR/MT)					
Apollo Structural					
Big Section	7,028	6,926	7,568	8,437	7,711
Super Heavy Section				9,604	8,777
Light Structures	5,081	5,344	4,059	6,256	5,775
General Structures	1,614	1,388	2,284	2,579	2,252
Apollo Z - Rust-proof structures	7,224	6,816	7,492	7,327	6,749
Apollo Z- Coated Products	5,001	9,401	3,146	4,424	4,044
Apollo Galv - Agri/Industrial	5,005	4,966	5,659	6,780	6,196
Cost Break-up					
RM Cost (% of sales)	87%	88%	87%	85%	86%
Employee Cost (% of sales)	1%	1%	1%	1%	1%
Other Cost (% of sales)	6%	5%	5%	6%	6%
Gross Margins (%)	13%	12%	13%	15%	14%
EBITDA Margins (%)	6%	6%	6%	7%	7%

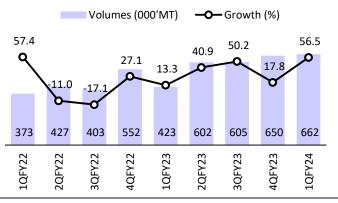
Key Exhibits

Exhibit 1: Consolidated revenue trend



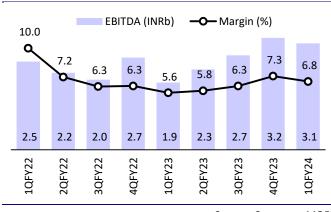
Source: Company, MOFSL

Exhibit 2: Volume trend



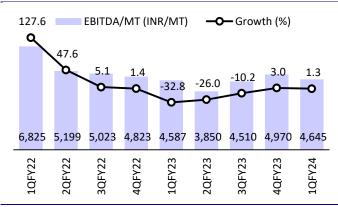
Source: Company, MOFSL

Exhibit 3: Consolidated EBITDA trend



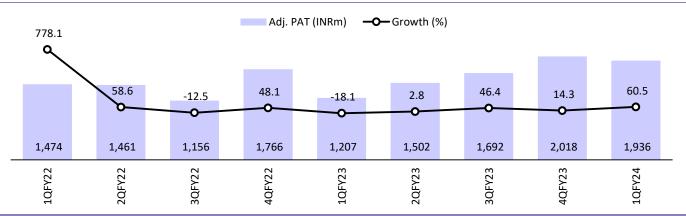
Source: Company, MOFSL

Exhibit 4: EBITDA/MT trend



Source: Company, MOFSL

Exhibit 5: Consolidated Adj. PAT trend



Source: Company, MOFSL

Exhibit 6: Structural Steel Tube Applications

Applications

- High Rise Buildings
 - Hospitals, Housing, Schools, Courts, Hotels/Malls/Offices
- Warehouses/Cold Storage/Food Parks
- Factory Buildings/Process Structures
- Aviation Hangers
- Data Centres



Ongoing enquiries





Exhibit 7: Market creation by APAT

Conventional Construction Products	Applications	Why Structural Steel Tube replaces these products?	1	How	we replaced the conventional products
Steel Angle/Channels	Structural support, Towers infrastructure	Uniform Strength, Lower steel consumption			
Wood	Furniture, Door Frames, Planks	Cost Effective, Termite Proof, Environmental Friendly			Low Diameter Steel Tubes/Low Load Bearing
Aluminum Profiles	Facades & Glazing	Cost Effective, Higher Strength	ر[
Reinforced Cement Concrete	Construction of Buildings	Faster Construction Environmental Friendly			High Diameter Steel Tubes/High Load Bearing
Fabricated Metal Sheet	Pre-Engineered Steel Buildings	Lower steel consumption Reduces overall project cost	ر[

Exhibit 8: Hospital work at Delhi



Source: MOFSL, Company

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7 August 2023

Exhibit 9: Company's vision 2025

Vision 2025



Source: Company, MOFSL

Exhibit 10: Growth drivers for APAT

Growth Drivers



Source: Company, MOFSL

Exhibit 11: APAT capacity expansion plans

Application wise	General	Value- Added	Total	3.6 MnT
Current Capacity	1,200	2,400	3,600	
Dubai (Greenfield)	150	150	300	Green Field Expansion:
East India (Greenfield)	150	50	200	0.5 MnT
Brownfield in New Raipur		300	300	
Brownfield in existing plants		600	600	Brown Field Expansion:
Total	1,500	3,500	5,000	0.9 MnT

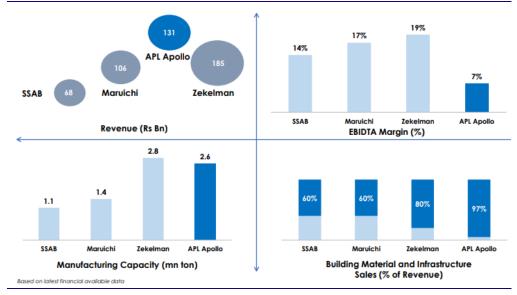
Source: Company, MOFSL

Exhibit 12: New products from Raipur plant



Source: Company, MOFSL

Exhibit 13: Global peer benchmarking



Source: Company, MOFSL

Highlights from the management commentary

Operational performance

- APAT witnessed inventory destocking in 1QFY24, due to the volatility in raw material prices.
- Accordingly, the company was not able to achieve its targeted EBITDA of ~4,800 to 5,000/MT during the quarter on account of channel discounting.
- However, raw material environment is normalized in July and the month of August and September look promising going ahead.

Capex

- APAT will incur ~INR5-6b of capex in FY24 to achieve its target of taking total manufacturing capacity to ~5MMT. (INR1.8b already incurred in 1QFY24)
- However, on an operational basis, the company is expected to reach a capacity of ~5MMT by FY26.
- The upcoming facilities is expected to commercialize by Mar'24 (except the East India Plant).
- Post that, the company will look to add another 5MMT of capacity by FY30, if the total production reaches ~4MMT by FY25.

Guidance

- APAT has guided for sales volume of ~1.5-1.6MMT in 2HFY24.
- It also targets to achieve FY24 EBITDA of ~INR14-15b.

Raipur Plant

- Currently, APAT has ~1MMT capacity in the Raipur plant, out of which ~600KMT is fully operational with the remaining ~400KMT expected to be operational within the next one month.
- The management expects the Raipur plant to contribute ~0.5-0.6MMT of volumes in FY24.
- EBITDA spreads from the Raipur plant is expected to be ~INR6,000-7,000/MT once the plant is fully stabilized (it will take ~2-2.5 years more). At the current utilization level of ~30%, the EBITDA/MT is ~INR3,000-4,000.
- APL has been awarded a total incentive of INR5b from the Chhattisgarh government to paid equally over the five-year period (i.e., INR500m annually)
- The company is also under process to apply for another INR5b incentives from the government, which will take the total incentive to INR10b.

Growth opportunities from Railways

- Generally, a railway project consists of four key structures, viz, station building (platform + 1 floor for commercials), Foot over bridge (FOB), Celling roofs and complexes.
- Out of these, APL's tubes can be used extensively for the FOB and celling & roofing.
- The Tirupati railway station project has been approved with all the four structures utilizing structural tubes.
- New Delhi railway station project is under bidding and has a potential of ~20-30KMT structural tubes consumption.

Other key highlights

- APAT has been awarded the contract for manufacturing 50 overhead water tank
- Structural tubes will take only 2-4 months for end-to-end erection of the water tank as against ~4-6 months traditionally taken by a RCC structure.
- The company is working on bringing down its employee cost per MT from ~INR900 to ~INR700. Further, it aims to bring down its current freight cost of ~INR1,400-1,500/MT to ~INR1,000/MT.

Valuation and View

- We believe APAT is expected to sustain the 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 position.
- The capacity addition from upcoming plants, operating leverage, growing share of VAP, and the addition of high-margin products from the Raipur unit should lead to margin improvement and higher cash generation.
- We expect revenue/EBITDA/PAT CAGRs of 25%/43%/50% over FY23–25.
- While we maintain our FY24 earnings estimates, we increase our FY25 earnings estimates by 12%, based on an increase in volume estimates of ~9%. The volume growth visibility is improving due to a favorable demand outlook coupled with incremental capacity addition to meet this demand. We value the stock at 33x FY25E EPS to arrive at a TP of INR1,715. We reiterate our BUY rating on the stock.

Exhibit 14: Changes to our estimates

Earnings change	0	ld	Ne	ew	Change		
(INR m)	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E	
Revenue	1,86,921	2,24,219	1,91,482	2,50,898	2%	12%	
EBITDA	14,651	19,051	14,469	20,975	-1%	10%	
Adj. PAT	9,340	12,831	9,274	14,380	-1%	12%	

Financials and valuations

Consolidated - Income Statement									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Total Income from Operations	39,239	53,348	71,523	77,232	84,998	1,30,633	1,61,660	1,91,482	2,50,898
Change (%)	-6.9	36.0	34.1	8.0	10.1	53.7	23.8	18.4	31.0
RM Cost	32,324	45,483	63,077	65,786	71,648	1,12,231	1,40,178	1,62,589	2,13,514
Employees Cost	754	862	1,079	1,422	1,296	1,530	2,062	2,674	3,136
Other Expenses	2,832	3,292	3,439	5,252	5,266	7,419	9,204	11,750	13,273
Total Expenditure	35,909	49,637	67,595	72,459	78,210	1,21,181	1,51,444	1,77,013	2,29,923
% of Sales	91.5	93.0	94.5	93.8	92.0	92.8	93.7	92.4	91.6
EBITDA	3,330	3,710	3,928	4,773	6,787	9,453	10,216	14,469	20,975
Margin (%)	8.5	7.0	5.5	6.2	8.0	7.2	6.3	7.6	8.4
Depreciation	509	534	643	959	1,028	1,090	1,383	1,839	2,061
EBIT	2,821	3,176	3,286	3,814	5,759	8,363	8,832	12,630	18,914
Int. and Finance Charges	720	813	1,134	1,073	661	445	671	1,021	700
Other Income	60	80	117	222	359	405	472	807	1,004
PBT bef. EO Exp.	2,160	2,443	2,269	2,963	5,458	8,323	8,633	12,415	19,217
PBT after EO Exp.	2,160	2,443	2,269	2,963	5,458	8,323	8,633	12,415	19,217
Total Tax	639	862	787	403	1,381	2,133	2,215	3,141	4,837
Tax Rate (%)	29.6	35.3	34.7	13.6	25.3	25.6	25.7	25.3	25.2
Minority Interest	0	0	0	180	475	617	0	0	0
Reported PAT	1,521	1,581	1,482	2,380	3,602	5,573	6,419	9,274	14,380
Adjusted PAT	1,521	1,581	1,482	2,380	3,602	5,573	6,419	9,274	14,380
Change (%)	20.8	4.0	-6.2	60.5	51.3	54.7	15.2	44.5	55.1
Margin (%)	3.9	3.0	2.1	3.1	4.2	4.3	4.0	4.8	5.7

Consolidated - Balance Sheet									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	236	237	239	249	250	501	555	555	555
Total Reserves	6,798	8,141	9,402	13,313	16,697	22,139	29,501	37,389	50,105
Net Worth	7,034	8,379	9,641	13,562	16,947	22,640	30,056	37,944	50,660
Minority Interest	0	0	0	954	1,383	2,000	0	0	0
Total Loans	5,944	7,751	8,581	8,338	5,203	5,806	8,729	6,929	2,929
Deferred Tax Liabilities	813	994	1,200	1,012	1,112	1,187	1,171	1,171	1,171
Capital Employed	13,790	17,124	19,422	23,865	24,644	31,633	39,957	46,044	54,760
Gross Block	6,922	9,617	11,626	17,246	18,568	20,677	29,513	34,505	37,828
Less: Accum. Deprn.	454	988	1,548	2,507	3,535	4,625	6,008	7,847	9,909
Net Fixed Assets	6,468	8,628	10,078	14,738	15,033	16,053	23,505	26,657	27,919
Goodwill on Consolidation	230	230	230	1,375	1,375	1,375	1,375	1,375	1,375
Capital WIP	1,224	460	275	101	1,077	5,037	3,740	2,748	1,675
Total Investments	4	11	494	15	15	913	960	5,460	8,960
Current Investments	0	0	0	0	0	50	0	4,500	8,000
Curr. Assets, Loans&Adv.	10,519	12,483	16,663	16,431	16,491	21,147	28,936	31,300	42,788
Inventory	4,696	5,915	7,835	7,842	7,599	8,472	14,799	16,974	22,047
Account Receivables	2,949	4,321	5,433	4,764	1,306	3,417	1,374	1,574	2,062
Cash and Bank Balance	16	68	478	456	3,579	3,764	3,525	3,178	4,879
Loans and Advances	2,859	2,179	2,917	3,370	4,006	5,494	9,239	9,574	13,799
Curr. Liability & Prov.	4,656	4,688	8,317	8,796	9,345	12,891	18,560	21,496	27,956
Account Payables	4,039	3,793	6,989	7,644	7,859	10,595	15,970	18,429	23,937
Other Current Liabilities	459	814	1,220	979	1,310	2,113	2,357	2,792	3,658
Provisions	157	81	108	173	177	184	233	276	361
Net Current Assets	5,864	7,795	8,346	7,636	7,145	8,256	10,377	9,804	14,831
Appl. of Funds	13,790	17,124	19,422	23,865	24,644	31,633	39,957	46,044	54,760

Financials and valuations

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)									
EPS	5.5	5.7	5.3	8.6	13.0	20.1	23.1	33.4	51.8
Cash EPS	7.3	7.6	7.7	12.0	16.7	24.0	28.1	40.1	59.3
BV/Share	25.4	30.2	34.8	48.9	61.1	81.6	108.4	136.8	182.7
DPS	1.0	1.2	1.2	0.0	0.0	3.5	3.5	5.0	6.0
Payout (%)	22.5	25.3	27.7	0.0	0.0	17.4	15.1	15.0	11.6
Valuation (x)									
P/E	269.8	259.5	276.8	172.5	114.0	73.6	63.9	44.3	28.5
Cash P/E	202.2	194.0	193.1	122.9	88.7	61.6	52.6	36.9	25.0
P/BV	58.4	49.0	42.6	30.3	24.2	18.1	13.7	10.8	8.1
EV/Sales	10.6	7.8	5.9	5.4	4.9	3.2	2.6	2.1	1.6
EV/EBITDA	125.0	112.7	106.5	87.8	60.9	43.8	40.7	28.3	19.1
Dividend Yield (%)	0.1	0.1	0.1	0.0	0.0	0.2	0.2	0.3	0.4
FCF per share	11.6	3.5	4.7	-5.4	24.1	1.6	-2.3	27.2	38.1
Return Ratios (%)									
RoE	23.9	20.5	16.5	20.5	23.6	28.2	24.4	27.3	32.5
RoCE	16.1	14.5	12.9	17.4	20.8	25.8	20.6	24.0	30.3
RoIC	15.8	14.1	12.4	15.9	19.9	29.7	24.5	28.4	38.3
Working Capital Ratios									
Fixed Asset Turnover (x)	5.7	5.5	6.2	4.5	4.6	6.3	5.5	5.5	6.6
Asset Turnover (x)	2.8	3.1	3.7	3.2	3.4	4.1	4.0	4.2	4.6
Inventory (Days)	44	40	40	37	33	24	33	32	32
Debtor (Days)	27	30	28	23	6	10	3	3	3
Creditor (Days)	38	26	36	36	34	30	36	35	35
Leverage Ratio (x)									
Current Ratio	2.3	2.7	2.0	1.9	1.8	1.6	1.6	1.5	1.5
Interest Cover Ratio	3.9	3.9	2.9	3.6	8.7	18.8	13.2	12.4	27.0
Net Debt/Equity	0.8	0.9	0.8	0.6	0.1	0.1	0.2	0.0	-0.2

Consolidated - Cash Flow Statement									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	2,160	2,443	2,269	2,963	5,458	8,323	8,633	12,415	19,217
Depreciation	509	534	0	959	1,028	1,090	1,383	1,839	2,061
Interest & Finance Charges	711	789	0	851	302	40	199	215	-304
Direct Taxes Paid	-629	-602	-673	-403	-1,381	-1,993	-2,161	-3,141	-4,837
(Inc)/Dec in WC	330	-2,342	287	725	3,577	-1,154	-1,475	226	-3,327
CF from Operations	3,082	823	1,884	5,096	8,983	6,306	6,580	11,555	12,811
Others	72	91	1,693	0	0	211	321	0	0
CF from Operating incl EO	3,154	914	3,576	5,096	8,983	6,517	6,901	11,555	12,811
(Inc)/Dec in FA	61	48	-2,261	-6,591	-2,298	-6,070	-7,539	-4,000	-2,250
Free Cash Flow	3,215	961	1,316	-1,495	6,685	447	-638	7,555	10,561
(Pur)/Sale of Investments	2	2	-390	479	0	-898	-48	-4,500	-3,500
Others	-1,761	-1,703	13	1,763	-4,171	1,666	-1,171	807	1,004
CF from Investments	-1,697	-1,654	-2,639	-4,349	-6,468	-5,301	-8,757	-7,693	-4,746
Issue of Shares	106	100	56	10	1	251	1,284	0	0
Inc/(Dec) in Debt	-554	1,807	830	-244	-3,135	603	2,924	-1,800	-4,000
Interest Paid	-725	-772	-1,014	-1,073	-661	-445	-671	-1,021	-700
Dividend Paid	-234	-283	-400	0	0	-971	-971	-1,387	-1,664
Others	-47	-59	0	538	4,403	-469	-949	0	0
CF from Fin. Activity	-1,454	792	-528	-768	609	-1,031	1,617	-4,208	-6,364
Inc/Dec of Cash	2	52	410	-22	3,123	185	-240	-347	1,701
Opening Balance	14	16	68	478	456	3,579	3,765	3,525	3,178
Closing Balance	16	68	478	456	3,579	3,765	3,525	3,178	4,879

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Explanation of Investment Rating		
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