

India

Overweight (no change)

Highlighted Companies

Crompton Greaves Consumer Electricals

ADD, TP Rs346, Rs297 close

Fan business was challenging again due to weak demand, relatively higher channel inventory and cooler weather conditions in Mar 2023. We believe 1QFY24F should see strong demand for summer products and an improved performance. We see more upside risks vs. downside risks for the stock and recommend an ADD rating.

Kajaria Ceramics ADD, TP Rs1175, Rs1112 close

Recovery in tile sales volume growth qoq and lower input cost qoq should aid margins. While short-term demand trend remains weak, we expect a back-ended recovery in 2HFY24F. Improving sales mix, capacity addition and softening input cost are key positives over FY24F-25F.

Century Plyboards

ADD, TP Rs626, Rs489 close

MDF pricing and margins could be under further pressure due to the rise in input cost, adequate domestic MDF capacity and sustained imports. We expect a weak 4Q. We recommend buying the stock due to the favourable risk-reward ratio.

Summary Valuation Metrics

Carring Varae	acioii iii	511100	
P/E (x)	Mar22-A	Mar23-F	Mar24-F
Crompton Greaves Consumer Electricals	32.39	39.64	30.02
Kajaria Ceramics	46.93	52.85	35.95
Century Plyboards	33.4	32.54	28.9
P/BV (x)	Mar22-A	Mar23-F	Mar24-F
Crompton Greaves Consumer Electricals	7.64	6.79	5.89
Kajaria Ceramics	8.34	7.81	7.02
Century Plyboards	6.94	5.82	4.92
Dividend Yield	Mar22-A	Mar23-F	Mar24-F
Crompton Greaves Consumer Electricals	0.84%	0.85%	1.01%
Kajaria Ceramics	0.99%	1.08%	1.35%
Century Plyboards	0.31%	0.31%	0.31%

Analyst(s)



Rahul AGARWAL

T (91) 22 4161 1553

E rahul.agarwal@incredcapital.com

Harshit SARAWAGI

T (91) 22 4161 0000

E harshit.sarawagi@incredcapital.com

Industrial - Overall

4Q preview: Durables and building materials

- Given soft demand in 4QFY23 and an unfavourable base, we expect our coverage universe to report single-digit yoy growth in revenue/EBITDA/PAT.
- Management meeting and channel check indicated healthy volume growth yoy for cable/wire, steel tubes, CPVC pipes and bathware in Jan-Mar 2023F.
- Better 4Q: Havells, Polycab, KEI, Finolex Cables, APL Apollo, Astral, Supreme Inds., Kajaria, & Cera. Weak 4Q: CG Consumer, Orient Electric, & Century Ply.

B2C demand concerns across durables and building materials

B2B demand was above average while B2C demand continued to be weak in Jan-Mar 2023. As regards summer products, 4QFY23 witnessed a volatile weather with Jan/Feb relatively hotter while Mar cooled down considerably due to untimely rains. Non-rated fan channel inventory has now been completely cleared while new launches in the star-rated fans category witnessed below-normal channel-fill. Commercial ACs did relatively better vs. RACs while air-coolers saw strong primary sales. Cable and wire sales continued to be relatively better owing to a diversified customer mix between B2C & B2B while government competition remained high for B2B LEDs. As regards building materials, steel structural tube demand held up well qoq driven by residential/commercial real estate development and private/public capex. PVC pipe demand was lower than expected while channel-filling was volatile given a strong Jan-Feb (stable PVC prices) and weak Mar 2023 (PVC prices fell 5-8%). Tile market remained oversupplied which led to price cuts across brands driven by Morbi units in 4Q. However, given some respite in input cost, we expect a relatively higher volume growth & margin expansion qoq. Short supply and expensive timber to hit plywood/MDF margins negatively while sanitaryware/faucet demand was relatively stable.

Expectations from consumer durables companies

We expect cumulative revenue/EBITDA/PAT to grow by 7%/6%/5% yoy, respectively. We expect a best set of numbers from Havells (similar to 3Q) while CG Consumer and Orient Electric are likely to witness a muted performance. VGuard's 4Q consolidated financials won't be comparable yoy/qoq owing to Sunflame consolidation. Cable and wire revenue and margins to see good performance and most companies will meet guidance.

Expectations from building material companies

We expect cumulative revenue/EBITDA/PAT to grow by 7%/-10%/-12% yoy, respectively. APL Apollo saw a strong volume growth of 30% yoy (4Q business update) and is expected to improve margins qoq, given a better sales mix. In PVC pipes, Supreme Industries and Astral are expected to deliver 10-15% sales volume growth yoy while Finolex Cable's sales volume growth may disappoint vs. expectations. Kajaria's tile sales volume growth is likely to be better qoq (5-10% yoy) while Cera to meet its FY23 growth guidance. Century Plyboards to see pressure on gross margin due to rise in input cost leading to a weak 4Q.

Preferred stocks across coverage universe

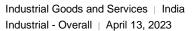
Prefer CG Consumer (turnaround), Kajaria & Century Plyboard over the next two years.

	Revenue	% yoy	EBITDA	% yoy	PAT	% <i>y</i> oy
Havells India	46,708	5.5	5,250	1.0	3,641	3.3
CG Consumer Electricals	17,253	11.5	1,898	-17.0	1,423	-24.9
V-Guard Industries	10,850	2.5	1,009	-9.1	653	-27.2
Orient Electric	8,052	6.9	595	-26.3	275	-43.5
Polycab India	42,947	8.2	5,698	19.6	3,813	18.4
Finolex Cables	13,221	11.4	1,688	40.6	1,631	58.9
KEI Industries	19,042	6.3	2,004	16.5	1,329	14.3
Astral	15,005	7.9	2,451	13.0	1,529	16.5
Supreme Inds.	22,032	13.3	3,056	-3.9	2,089	-15.0
Finolex Inds.	11,248	11.9	923	-61.9	799	-54.9
APL Apollo	47,630	13.0	3,143	18.2	1,950	19.8
Kajaria	11,872	7.8	1,644	-0.9	984	2.7
Cera Sanitaryware	5,066	23.6	866	8.7	597	2.3
Century Plywood	8,869	-0.9	1,333	-17.2	798	-12.3
Total	282,231	7.3	31,806	-1.6	21,918	-3.1



Company Name	Dhla tialsas	Dating	Market cap	Closing price Rs/share	Price Target Rs/share	Upside	P/E (x)		EV/E (x)		CAGR % (FY20-24F)		FY24F	
Company Name	Bblg ticker	Rating	US\$m			hare [%]	[%] FY23F	F FY24F	FY23F	FY24F	Revenue	EPS	RoE (%)	RoCE (%)
Building Materials														
Astral	ASTRA IN	HOLD	4,601	1,430	2,143	52.6	69.7	49.1	37.2	29.4	22.6	14.8	19.8	24.2
Supreme Industries	SI IN	ADD	4,007	2,619	2,668	3.2	43.5	34.9	30.8	23.1	14.8	19.1	20.5	23.5
APL Apollo Tubes	APAT IN	ADD	4,015	1,201	1,360	14.6	52.3	34.9	33.2	22.7	26.6	37.1	29.6	31.6
Kajaria Ceramics	KJC IN	ADD	2,141	1,112	1,175	6.6	52.4	35.6	29.8	21.7	15.8	17.8	20.6	25.6
Finolex Industries	FNXP IN	REDUCE	1,251	167	153	-7.5	41.2	11.4	29.7	11.2	13.6	28.1	12.3	16.3
Century Plyboards	CPBI IN	ADD	1,266	489	626	34.1	31.1	27.6	19.0	17.9	16.2	24.2	18.5	20.5
Cera Sanitaryware	CRS IN	ADD	1,005	6,305	6,172	-2.6	40.0	33.9	26.0	22.0	14.0	24.6	18.8	23.9
Simple Average							47.2	32.5	29.4	21.1	17.7	23.7	20.0	23.7
Electricals														
Havells India	HAVL IN	ADD	8,939	1,182	1,437	22.9	68.0	48.0	44.1	31.4	19.2	20.0	21.8	27.4
Polycab India	POLYCAB IN	REDUCE	5,434	3,051	2,674	-10.1	36.4	33.4	23.4	21.2	15.2	15.0	19.2	25.3
KEI Industries	KEII IN	ADD	1,881	1,753	1,707	-0.2	32.6	25.3	21.8	16.9	13.0	21.0	21.3	27.6
Crompton Greaves Consumer Electricals	CROMPTON IN	ADD	2,320	297	346	15.7	39.9	30.2	24.3	19.4	14.0	5.9	21.0	21.6
Finolex Cables	FNXC IN	HOLD	1,592	823	612	-28.3	27.3	17.3	20.7	15.7	15.8	17.8	14.3	14.7
V-Guard Industries	VGRD IN	ADD	1,327	255	269	6.9	54.2	39.7	33.3	25.0	16.1	9.6	16.7	22.0
Orient Electric	ORIENTEL IN	ADD	591	227	312	37.2	51.7	32.6	26.2	16.0	11.0	17.2	22.6	33.4
Simple Average							44.3	32.4	27.7	20.8	14.9	15.2	19.6	24.6





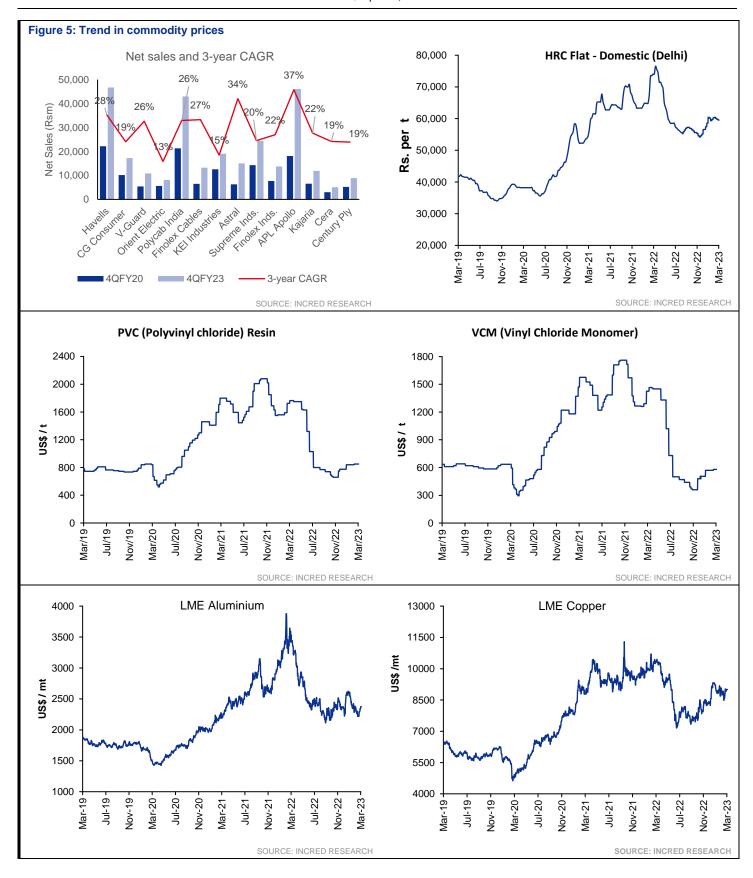


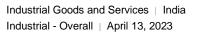
				С	hange (%)	
	4QFY23F	4QFY22	3QFY23 —	yoy	qoq	Comments
FMEG						
Havells						
Net Sales	46,708	44,263	41,276	5.5	13.2	# Revenue growth yoy will be lower given the high base quarter.
EBITDA	5,018	5,199	4,236	-3.5		# Within segments, cable and wire & ECD will have higher revenue growth
EBITDA margin (%)	10.7	11.7	10.3	-100bp	148bp	versus switchgears and lighting.
Consolidated PAT	3,409	3,525	2,835	-3.3	20.3	#Lloyd too had a high base quarter revenue leading to sub-10% yoy revenue growth in 4QFY23F. #Lower opex growth gog versus revenue growth should lead to higher EBITDA
						margin qoq. # Margins will continue to be lower yoy given weak B2C demand continuing from 3Q and lower operating leverage flow-through.
CG Consumer						
Net Sales	17,616	15,479	15,162	13.8	16.2	"
EBITDA	2,233	2,288	1,524	-2.4	46.5	
EBITDA margin (%)	12.7	14.8	10.1	-210bp	473bp	# High base will lead to lower revenue growth for ECD and lighting segments.
Consolidated PAT	1,249	1,895	853	-34.1	46.6	
V-Guard						
Net Sales	10,850	10,582	9,808	2.5	10.6	# Strong quarter for summer products like voltage stabilizer (RAC-led), fans
EBITDA	1,009	1,110	659	-9.1		and air-coolers. ECD segment to lead consolidated revenue growth.
EBITDA margin (%)	9.3	10.5	6.7	-119bp	378bp	# Gross/EBITDA margin expansion to continue qoq while EBITDA margin wil
Consolidated PAT	653	897	393	-27.2	66.2	be lower yoy due to lower opex in the base quarter.
						# We expect lower other income due to lower treasury income led by cash outflow for Sunflame acquisition.
Orient Electric						
Net Sales	8,052	7,533	7,390	6.9	9.0	# Seasonally strongest quarter. We expect balanced revenue growth between
EBITDA	595	806	549	-26.3	8.4	ECD and lighting segments.
EBITDA margin (%)	7.4	10.7	7.4	-332bp		# Wire business will add to revenue performance in the L&S segment. Gross
Consolidated PAT	275	488	326	-43.5	-15.4	margin recovery to continue qoq. # EBITDA margin will be down yoy due to higher opex and higher A&F spending.
C&W						
Polycab						
Net Sales	42,947	39,700	37,152	8.2	15.6	# C&W segment's revenue expected to grow by 8% yoy while FMEG revenue
EBITDA	5,698	4,763	5,038	19.6		will largely remain flat yoy.
EBITDA margin (%)	13.3	12.0	13.6	127bp		# Base quarter gross/EBITDA margins were low due to peaking copper prices
Consolidated PAT	3,813	3,222	3,576	18.4		leading to higher EBITDA/PAT growth yoy in 4QFY23F.
Finolex Cables						
Net Sales	13,221	11,869	11,503	11.4	14.9	# Consolidated revenue growth will be led by the communication cable
EBITDA	1,688	1,201	1,459	40.6		segment's revenue growth of 55% yoy while cable and FMEG segments
EBITDA margin (%)	12.8	10.1	12.7	265bp	-256bp	revenue growth will be in single digits yoy.
Consolidated PAT	1,631	1,027	1,543	58.9	5.7	# Copper prices peaked and gross margin bottomed out in 4Q last fiscal. A low base quarter may lead to meaningful margin expansion yoy in 4QFY23F. # Other income would be lower qoq given no MTM gains on Finolex Inds. equity holding of 32.4%.
KEI Industries						
Net Sales	19,042	17,917	17,843	6.3	6.7	# In the cable segment, LT cable revenue will be flat yoy, EHV revenue to
EBITDA	2,004	1,719	1,822	16.5		decline 10% yoy while EPC sales will recover and grow 25% yoy in 4QFY23F.
EBITDA margin (%)	10.5	9.6	10.2	93bp		# KEI should meet its annual guidance of 17-18% revenue growth yoy. Giver
Consolidated PAT	1,329	1,162	1,286	14.3		lower base quarter margins similar to C&W peers, gross/EBITDA margins to improve yoy.
Cumulative Financials						improvo yoy.
Net Sales	158,073	147,343	140,135	7.3	12.8	
EBITDA	18,142	17,087	15,286	6.2	18.7	
EBITDA margin (%)	11.5	11.6	10.9	-12bp	69bp	
Consolidated PAT	12,765	12,215	10,812	4.5	18.1	
						SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORT



	4QFY23F	4QFY22	3QFY23	Change (%)		
			041.120	yoy	qoq	Comments
Plastic Pipes						
Astral		40.000	40.000			WWW
Net Sales	15,005	13,906	12,678	7.9		# We expect pipe sales volume of 55kt, + 16% yoy and 20% qoq. Channel-
EBITDA : (0()	2,451	2,168	1,864	13.0		filling has been volatile, given the fall in PVC prices in Mar 2023. We expect
EBITDA margin (%)	16.3	15.6	14.7	74bp		minimal inventory gains in 4QFY23F in the pipe division. # Adhesives
Consolidated APAT	1,529	1,312	930	16.5	64.4	segment's revenue growth will be lower than average, given high price competition. EBITDA margin could surprise negatively. #Bathware to continue with marginal losses, with the path to breakeven in 1QFY24F, as per management. #Paints segment won't be comparable yoy. #Commentary on bathware, capex and commissioning of Dahej adhesive facility needs to be monitored.
Suprama Industrias						
Supreme Industries Net Sales	24.460	05 574	22.407	4.0	<i>F</i> 0	# We assess a least section arough of 10, 150/ for plantia pine and Industrial
EBITDA	24,469	25,571	23,107	-4.3 -12.1		# We expect sales voume growth of 10-15% for plastic pipe and Industrial products segment.
	3,442	3,914	3,034			# Packaging and consumer product sales volume expected to be flattish
EBITDA margin (%)	14.1	15.3	13.1	-124bp	25.4	
Consolidated APAT	2,633	3,239	2,100	-18.7	25.4	# Consolidated EBIT/kg is estimated at Rs19.
Finolex Industries						
Net Sales	11,299	15,946	11,248	-29.1	0.5	# We expect pipe and fittings sales volume at 88kt, +12% yoy, while PVC
EBITDA	1,876	2,647	923	-29.1		resin sales volume to be flat yoy.
EBITDA margin (%)	16.6	16.6	8.2	1bp		# Expect inventory gains to be minimal owing to the decline in PVC prices
Consolidated APAT	1,192	1,191	799	0.2		in Mar 2023.
041 Pi						
Steel Pipes APL Apollo Tubes						
Net Sales	47,630	42,146	43,271	13.0	10.1	# In its 40 EV/22 nowformance undets ADI reported colors values of GEORE
EBITDA	3,143	2,659	2,729	18.2		# In its 4QFY23 performance update, APL reported sales volume of 650kt, +18% yoy and 7% goq. We expect realiation to increase by 5.6% goq in-
EBITDA margin (%)	6.6	6.3	6.3	29bp		line with the rise in HRC prices # VAP revenue mix rose to 67% of total
Consolidated APAT	1,950	1,628	1,692	19.8		sales volume. # EBITDA/ton expected at Rs4800 vs Rs4500 gog.
	.,	-,,	-,			· · · · · · · · · · · · · · · · · · ·
Sanitaryware & Tiles						
Kajaria Ceramics						
Net Sales	11,872	11,018	10,911	7.8	8.8	# We expect tile sales volume to grow by 5% yoy and 7% qoq to nearly
EBITDA	1,644	1,659	1,331	-0.9		27msm in 4QFY23F. after a flattish 3QFY23.
EBITDA margin (%)	13.8	15.1	12.2	-122bp		# Channel check reveals price cuts across tile categories in 4Q. Tile
Consolidated APAT	984	958	743	2.7	32.4	realization could surprise negatively. # Owing to propane/LPG now being expensive vs. natural gas, the fuel mix will largely be a mix of natural gas and bio-fuel (mustard husk) in 4QFY23F. # Lower fuel cost qoq should lead to higher EBITDA margin.
Cera Sanitaryware	5.000	4.000	4.570	20.0	40.7	H114/
Net Sales EBITDA	5,066 866	4,099	4,578	23.6 8.7		# We expect a strong quarter with the sanitaryware segment's revenue to grow by 20% yoy.
EBITDA margin (%)	17.1	797 19.4	750 16.4	-234bp		# Faucet and tile segment's revenue expected to grow by 29% yoy.
Consolidated APAT	597	583	564	2.3		High base quarter EBITDA margin to lead to weaker EBITDA/PAT growth yoy.
Plywood						
Century Plyboards						
Net Sales	8,869	8,953	8,772	-0.9	1 1	# We expect an overall flattish 4QFY23F performance with revenue at
EBITDA	1,333	1,609	1,274	-17.2		Rs8.8bn #Plywood segment's revenue to grow 3% yoy and 1% gog to
EBITDA margin (%)	15.0	18.0	14.5	-295bp		Rs4.9bn #Laminate business to grow by 9% qoq and MDF business to
Consolidated APAT	798	910	838	-12.3		decline by 8% qoq. #Overall EBITDA to decline by 17% yoy and grow by 5% qoq to Rs3bn and margins are expected to contract by 295bp yoy and expand by 50bp qoq to 15%.
Cumulative Financials						
Net Sales	124,158	115,739	112,729	7.3	10.1	
EBITDA	13,664	15,227	9,554	-10.3	43.0	
EBITDA margin (%)	11.0	13.2	8.5	-215bp	253bp	
Consolidated APAT	9,152	10,404	5,913	-12.0	54.8	
TOTAL CONTROL AT AT	3,102	. 5, 757	0,010	.2.0	34.0	









DISCLAIMER

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd.(formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which are believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made. (Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short term views etc.) that are inconsistent with and reach different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report



Industrial Goods and Services | India Industrial - Overall | April 13, 2023

	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his
 or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and
 autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in thisreport and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.