REDUCE PI Industries

Strong quarter driven by higher CSM exports



Specialty Chemicals → Result Update → August 8, 2024

PI's Q1 EBITDA at Rs5.8bn (+25% YoY/32% QoQ) was in line with our estimates due to strong CSM exports (+23% QoQ). CSM revenue grew 14% YoY, driven by robust volumes and growth of new products, while the domestic and pharma businesses remained subdued. Management maintained its overall revenue growth guidance of 15% (vs. 18-20% for FY24) for FY25 and nudged up gross-margin guidance to 50-51%. FY25 capex guidance remains unchanged at Rs8-9bn, but that for tax-rate reduces a tad to 22-23% (vs. 24% earlier). Based on this guidance, we increase our FY26E EPS by 7%. PI is likely to register a high single digit EPS CAGR over FY24-27E. We maintain our REDUCE rating, and raise our TP to Rs3,900/sh (30x Jun-26E EPS), while awaiting visibility on scaling up of new patented molecules in the agchem portfolio.

PI Industries: Financial Snapshot (Consolidated)									
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E				
Revenue	64,920	76,658	87,187	99,104	1,12,478				
EBITDA	15,421	20,147	23,032	26,265	28,981				
Adj. PAT	12,295	16,815	16,771	19,012	21,384				
Adj. EPS (Rs)	81.0	110.8	110.6	125.3	141.0				
EBITDA margin (%)	23.8	26.3	26.4	26.5	25.8				
EBITDA growth (%)	35.0	30.6	14.3	14.0	10.3				
Adj. EPS growth (%)	45.7	36.8	(0.3)	13.4	12.5				
RoE (%)	18.5	21.1	17.7	17.1	16.5				
RoIC (%)	28.4	36.3	30.6	30.5	30.6				
P/E (x)	55.0	40.2	40.3	35.6	31.6				
EV/EBITDA (x)	41.8	31.7	27.4	23.6	20.9				
P/B (x)	9.4	7.7	6.6	5.6	4.8				
FCFF yield (%)	1.7	1.0	1.1	1.7	2.1				

Source: Company, Emkay Research

Company remains positive on revenue growth and strategic initiatives

The management maintained its FY25 revenue growth guidance of 15% for FY25 (lower, given macro contingencies), its gross margin range of 50-51%, and its EBITDA margin range of 25-26%; it also emphasized on and sustained profit improvement. The company revised its tax-rate guidance to 22-23% from 24%, and retained its capex guidance of Rs8-9bn (Rs9bn in FY24). PI is building a strong CRDMO platform in its pharma business, leveraging integrated service facilities and its global business development team. The management continues to actively evaluate inorganic growth opportunities for de-risking the existing agchem portfolio on growing cash balances.

CSM business registered strong growth in Q1

The Custom Synthesis and Manufacturing (CSM) business clocked revenue of Rs17.2bn (\pm 13.5% YoY/ \pm 23.3% QoQ), primarily driven by export of new products which grew \pm 24% YoY. CSM growth is mainly on account of scale-up of products commercialized over the last 3 years. PI commercialized 2 new products for exports in Q1, and plans to launch 5-6 new products over the remaining year. There are initial signs of improvement in agchem demand, leading to momentum in new enquiries and possible conversions. Also, the company is focusing on capacity expansion in line with its strategy.

Domestic business steady; Pharma to cause margin drag in near term

The Domestic segment de-grew 8% YoY due to delayed monsoons which will result in spill over to Q2 with pick-up in rainfall and kharif plantation. Margin expansion was led by increased contribution from biologicals ($\sim 10\%$ of domestic agchem business), which rose $\sim 39\%$ YoY. Pharma business saw reduced revenue to Rs250mn in Q1 due to high inventory at the customer-end (2 products with 2 customers). PI announced an offer to acquire Plant Health Care Plc (PHC) in Q1 which will give it access to biological/peptide technology platforms and global markets. This acquisition is expected to be completed in Q2FY25. The management is currently changing leadership teams in Pharma across segments and synchronizing other initiatives, leading to higher overheads.

TARGET PRICE (Rs): 3,900

Target Price – 12M	Jun-25
Change in TP (%)	11.4
Current Reco.	REDUCE
Previous Reco.	REDUCE
Upside/(Downside) (%)	(12.5)
CMP (08-Aug-24) (Rs)	4,457.3

Stock Data	Ticker
52-week High (Rs)	4,550
52-week Low (Rs)	3,060
Shares outstanding (mn)	151.7
Market-cap (Rs bn)	676
Market-cap (USD mn)	8,054
Net-debt, FY25E (Rs mn)	-45,348
ADTV-3M (mn shares)	-
ADTV-3M (Rs mn)	1,698.0
ADTV-3M (USD mn)	20.2
Free float (%)	-
Nifty-50	24,117
INR/USD	84.0
Shareholding, Jun-24	
Promoters (%)	46.1
FPIs/MFs (%)	18.8/26.0

Price Performance							
(%)	1M	3M	12M				
Absolute	18.6	26.6	15.8				
Rel. to Nifty	19.6	17.1	(6.1)				

1-Year share price trend (Rs)



Meet Vora meet.vora@emkayglobal.com +91 22 6624 2474

Meet Gada meet.gada@emkayglobal.com +91 22 6612 1235

Other highlights

- Total capex outlay for Q1FY25 was at Rs1.5bn (pharma capex outlay of Rs372mn).
- Trade working capital improved to 55 days, as PI benefited from inventory days falling to 50 from 68 QoQ.
- PI launched 2 innovative brands of insecticides in Q1FY24 for exports (7 in FY24) and 2 products in domestic agri brands.
- PI filed for 5 patents in Q1FY25, taking the total to >170. Around 5-6 innovative products are likely to be launched in FY25, with a robust pipeline of over 20 products under registration and development.

Exhibit 1: Result update

			Reported			Emka	y Est.		Full-year	
P&L (Rs mn)	Q1FY24	Q4FY24	Q1FY25	YoY (%)	QoQ (%)	Q1FY25	vs. Est. (%)	FY24	FY23	YoY (%)
Net revenue	19,104	17,410	20,689	8	19	21,385	-3	59,248	49,264	20
Raw Material cost	(10,218)	(8,034)	(9,977)	-2	24	(10,621)	-6	(30,342)	(26,888)	13
Gross Profit	8,886	9,376	10,712	21	14	10,763	0	28,906	22,376	29
Gross margin (%)	46.5	53.9	51.8	526 bps	-208 bps	50.3	144 bps	48.8	45.4	336 bps
Employee cost	(1,735)	(1,784)	(2,001)	15	12	(1,925)	4	(5,229)	(3,921)	33
Other overheads	(2,473)	(3,174)	(2,879)	16	-9	(2,994)	-4	(7,949)	(6,529)	22
Total expenses	(14,426)	(12,992)	(14,857)	3	14	(15,540)	(4)	(43,520)	(37,338)	17
EBITDA	4,678	4,418	5,832	25	32	5,845	0	15,728	11,926	32
EBITDA margin (%)	24.5	25.4	28.2	370 bps	281 bps	27.3	85 bps	26.5	24.2	233 bps
Other income	469	579	727	55	26	520	40	1,499	1,060	41
Interest	(43)	(109)	(83)	93	-24	(79)	5	(191)	(236)	-19
Depreciation	(697)	(799)	(834)	20	4	(801)	4	(2,283)	(1,687)	35
Share of associates/JVs	47	24	21	-55	-13	25	-16	81	56	45
РВТ	4,454	4,113	5,663	27	38	5,509	3	14,833	11,119	33
Tax	(625)	(418)	(1,175)	88	181	(1,322)	-11	(1,714)	(1,629)	5
Adj. PAT	3,829	3,695	4,488	17	21	4,187	7	13,119	9,490	38
EO Items	-	-	-	-	-	-	-	-	-	-
Reported PAT	3,829	3,695	4,488	17	21	4,187	7	13,119	9,490	38
EPS (Rs)	25.2	24.3	29.5	17	21	27.5	7	86.3	62.3	39
Costs as a % of sales										
Raw Material cost	53.5	46.1	48.2	-527 bps	207 bps	49.7	-145 bps	51.2	54.6	-337 bps
Employee cost	9.1	10.2	9.7	58 bps	-58 bps	9.0	67 bps	8.8	8.0	86 bps
Other overheads	12.9	18.2	13.9	97 bps	-432 bps	14.0	-9 bps	13.4	13.3	16 bps
Income tax rate	14.0	10.2	20.7	671 bps	1058 bps	24.0	-326 bps	11.6	14.7	-310 bps

Source: Company, Emkay Research

Exhibit 2: CSM growth higher at 13.5% YoY due to higher share of pyroxasulfone

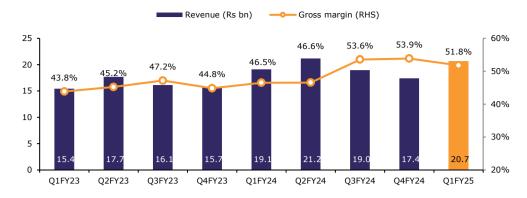
CSM revenue grew 23% QoQ, due to higher pyroxasulfone volume



Source: Company, Emkay Research

Exhibit 3: Gross margin improved by ~530bps YoY, on a favorable product mix

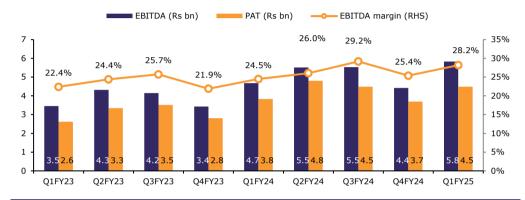
FY25 guidance of gross margin stays at 50-51%



Source: Company, Emkay Research

Exhibit 4: EBITDA margin higher, on operating leverage

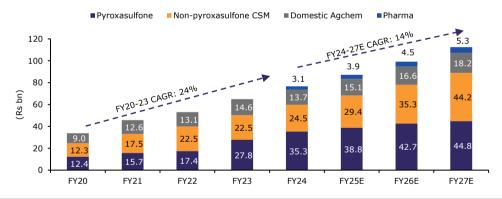
EBITDA margin higher by 280bps QoQ/370bps YoY



Source: Company, Emkay Research

Exhibit 5: CSM exports to continue driving overall revenue growth

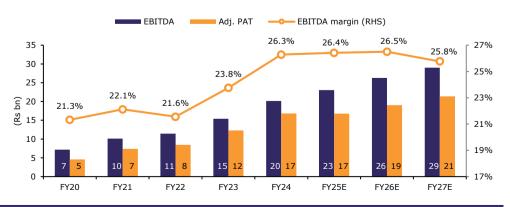
The management maintained its previous Quarter overall revenue growth guidance of 15% (vs. 18-20% two Qtrs prior)



Source: Company, Emkay Research

Exhibit 6: EBITDA/PAT to clock CAGR of 13%/8% over FY24-27E

PAT growth to be in a highsingle-digit on revised tax rate guidance



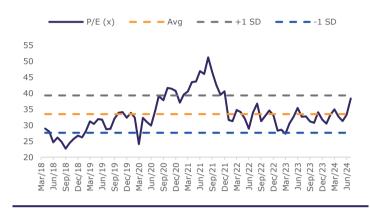
Source: Company, Emkay Research

Exhibit 7: We increase our FY26 EPS estimate on account of the higher gross margin and reduced tax rate guidance

Postiguiana (Paren)	FY25E			FY26E			
Particulars (Rs mn)	Revised	Earlier	Chg (%)	Revised	Earlier	Chg (%)	
Revenue	87,187	87,104	0.1	99,104	98,915	0.2	
EBITDA	23,032	23,438	(1.7)	26,265	24,913	5.4	
EBITDA margin (%)	26.4	26.9	-50 bps	26.5	25.2	131 bps	
PAT	16,771	16,864	(0.5)	19,012	17,745	7.1	
EPS (Rs)	110.6	111.2	(0.5)	125.3	117.0	7.1	

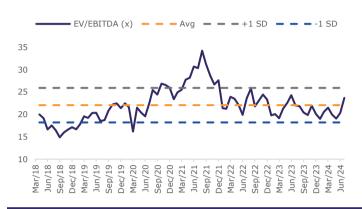
Source: Emkay Research

Exhibit 8: One-year forward P/E



Source: Bloomberg, Emkay Research

Exhibit 9: One-year forward EV/EBITDA



Source: Bloomberg, Emkay Research

PI Industries: Consolidated Financials and Valuations

Profit & Loss					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenue	64,920	76,658	87,187	99,104	1,12,478
Revenue growth (%)	22.5	18.1	13.7	13.7	13.5
EBITDA	15,421	20,147	23,032	26,265	28,981
EBITDA growth (%)	35.0	30.6	14.3	14.0	10.3
Depreciation & Amortization	2,265	3,082	3,472	4,072	4,360
EBIT	13,156	17,065	19,560	22,194	24,621
EBIT growth (%)	39.9	29.7	14.6	13.5	10.9
Other operating income	0	0	0	0	0
Other income	1,590	2,077	2,347	2,628	3,270
Financial expense	371	300	277	311	336
PBT	14,375	18,842	21,631	24,510	27,555
Extraordinary items	0	0	0	0	0
Taxes	2,148	2,132	4,975	5,637	6,338
Minority interest	0	0	0	0	0
Income from JV/Associates	68	105	116	139	166
Reported PAT	12,295	16,815	16,771	19,012	21,384
PAT growth (%)	45.7	36.8	(0.3)	13.4	12.5
Adjusted PAT	12,295	16,815	16,771	19,012	21,384
Diluted EPS (Rs)	81.0	110.8	110.6	125.3	141.0
Diluted EPS growth (%)	45.7	36.8	(0.3)	13.4	12.5
DPS (Rs)	7.5	11.5	10.6	10.6	10.6
Dividend payout (%)	9.2	10.4	9.6	8.5	7.5
EBITDA margin (%)	23.8	26.3	26.4	26.5	25.8
EBIT margin (%)	20.3	22.3	22.4	22.4	21.9
Effective tax rate (%)	14.9	11.3	23.0	23.0	23.0
NOPLAT (pre-IndAS)	11,190	15,134	15,062	17,089	18,958
Shares outstanding (mn)	151.7	151.7	151.7	151.7	151.7

Source:	Company,	Emkay	Research
---------	----------	-------	----------

Cash flows					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
PBT	14,375	18,842	21,631	24,510	27,555
Others (non-cash items)	1,079	1,596	1,401	1,755	1,426
Taxes paid	(2,558)	(3,750)	(4,916)	(5,571)	(6,263)
Change in NWC	3,094	1,898	(3,507)	(1,961)	(2,201)
Operating cash flow	15,014	20,359	14,665	18,805	20,609
Capital expenditure	(3,974)	(13,767)	(8,000)	(8,000)	(8,000)
Acquisition of business	135	(590)	0	0	0
Interest & dividend income	1,590	2,077	2,347	2,628	3,270
Investing cash flow	(4,962)	(18,005)	(5,653)	(5,372)	(4,730)
Equity raised/(repaid)	0	0	0	0	0
Debt raised/(repaid)	(2,678)	1,279	214	120	134
Payment of lease liabilities	0	0	0	0	0
Interest paid	(371)	(300)	(277)	(311)	(336)
Dividend paid (incl tax)	(1,137)	(1,744)	(1,607)	(1,607)	(1,607)
Others	(645)	(1,451)	0	0	0
Financing cash flow	(4,831)	(2,216)	(1,670)	(1,798)	(1,809)
Net chg in Cash	5,221	138	7,342	11,635	14,070
OCF	15,014	20,359	14,665	18,805	20,609
Adj. OCF (w/o NWC chg.)	18,108	22,257	11,158	16,843	18,408
FCFF	11,040	6,592	6,665	10,805	12,609
FCFE	12,259	8,369	8,735	13,122	15,543
OCF/EBITDA (%)	97.4	101.1	63.7	71.6	71.1
FCFE/PAT (%)	99.7	49.8	52.1	69.0	72.7
FCFF/NOPLAT (%)	98.7	43.6	44.3	63.2	66.5

Source:	Company,	Emkay	Research

Balance Sheet					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Share capital	152	152	152	152	152
Reserves & Surplus	71,833	87,158	1,02,322	1,19,727	1,39,504
Net worth	71,985	87,310	1,02,474	1,19,878	1,39,655
Minority interests	0	0	0	0	0
Deferred tax liability (net)	213	(267)	(267)	(267)	(267)
Total debt	0	1,279	1,493	1,613	1,748
Total liabilities & equity	72,198	88,322	1,03,700	1,21,225	1,41,136
Net tangible fixed assets	24,518	29,117	33,645	37,574	41,214
Net intangible assets	1,537	6,166	6,166	6,166	6,166
Net ROU assets	0	0	0	0	0
Capital WIP	1,324	2,781	2,781	2,781	2,781
Goodwill	828	3,611	3,611	3,611	3,611
Investments [JV/Associates]	313	903	903	903	903
Cash & equivalents	32,272	39,499	46,841	58,476	72,546
Current assets (ex-cash)	24,833	28,705	33,353	37,718	42,616
Current Liab. & Prov.	12,599	18,849	19,990	22,393	25,091
NWC (ex-cash)	12,234	9,856	13,363	15,324	17,525
Total assets	72,198	88,322	1,03,700	1,21,225	1,41,136
Net debt	(32,272)	(38,220)	(45,348)	(56,863)	(70,799)
Capital employed	72,198	88,322	1,03,700	1,21,225	1,41,136
Invested capital	38,289	45,139	53,175	59,064	64,905
BVPS (Rs)	474.5	575.5	675.5	790.2	920.6
Net Debt/Equity (x)	(0.4)	(0.4)	(0.4)	(0.5)	(0.5)
Net Debt/EBITDA (x)	(2.1)	(1.9)	(2.0)	(2.2)	(2.4)
Interest coverage (x)	0.0	0.0	0.0	0.0	0.0
RoCE (%)	21.5	23.8	22.8	22.1	21.3

Source: Company, Emkay Research

Valuations and key Ratios							
Y/E Mar	FY23	FY24	FY25E	FY26E	FY27E		
P/E (x)	55.0	40.2	40.3	35.6	31.6		
P/CE(x)	46.4	34.0	33.4	29.3	26.3		
P/B (x)	9.4	7.7	6.6	5.6	4.8		
EV/Sales (x)	9.9	8.3	7.2	6.2	5.4		
EV/EBITDA (x)	41.8	31.7	27.4	23.6	20.9		
EV/EBIT(x)	48.9	37.4	32.2	27.9	24.6		
EV/IC (x)	16.8	14.1	11.9	10.5	9.3		
FCFF yield (%)	1.7	1.0	1.1	1.7	2.1		
FCFE yield (%)	1.8	1.2	1.3	1.9	2.3		
Dividend yield (%)	0.2	0.3	0.2	0.2	0.2		
DuPont-RoE split							
Net profit margin (%)	18.9	21.9	19.2	19.2	19.0		
Total asset turnover (x)	0.9	1.0	0.9	0.9	0.9		
Assets/Equity (x)	1.0	1.0	1.0	1.0	1.0		
RoE (%)	18.5	21.1	17.7	17.1	16.5		
DuPont-RoIC							
NOPLAT margin (%)	17.2	19.7	17.3	17.2	16.9		
IC turnover (x)	1.6	1.8	1.8	1.8	1.8		
RoIC (%)	28.4	36.3	30.6	30.5	30.6		
Operating metrics							
Core NWC days	68.8	46.9	55.9	56.4	56.9		
Total NWC days	68.8	46.9	55.9	56.4	56.9		
Fixed asset turnover	1.9	1.8	1.7	1.6	1.6		
Opex-to-revenue (%)	21.5	23.7	22.6	22.5	22.2		

Source: Company, Emkay Research

RECOMMENDATION HISTORY - DETAILS

Date	Closing Price (INR)	TP (INR)	Rating	Analyst
14-Jul-24	3,901	3,500	Reduce	Meet Vora
07-Jun-24	3,643	3,500	Reduce	Meet Vora
23-May-24	3,660	3,500	Reduce	Meet Vora
20-Apr-24	3,709	3,500	Reduce	Meet Vora

Source: Company, Emkay Research

RECOMMENDATION HISTORY - TREND



Source: Company, Bloomberg, Emkay Research

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX), Multi Commodity Exchange of India Ltd (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) (hereinafter referred to be as "Stock Exchange(s)"). EGFSL along with its [affiliates] offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com.

EGFSL is registered as Research Analyst with the Securities and Exchange Board of India ("SEBI") bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014, EGFSL hereby declares that it has not defaulted with any Stock Exchange nor its activities were suspended by any Stock Exchange with whom it is registered in last five years. However, SEBI and Stock Exchanges had conducted their routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to its existing clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

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 shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the clients simultaneously, not all clients may receive this report at the same time. 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.

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. EGFSL may have issued or may issue other reports (on technical or fundamental analysis basis) of the same subject company that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Users of this report may visit www.emkayglobal.com to view all Research Reports of EGFSL. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of EGFSL; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its affiliates. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

This report has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research report relating to any issuer/subject company.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Disclaimer for U.S. persons only: Research report is a product of Emkay Global Financial Services Ltd., under Marco Polo Securities 15a6 chaperone service, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors. Emkay Global Financial Services Ltd. has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

RESTRICTIONS ON DISTRIBUTION

This report is not directed to, 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 or regulation. Except otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associated persons1 may have served as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate may have Financial Interests 2 in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associated person is defined as (i) who reports directly or indirectly to such a research analyst in connection with the preparation of the reports; or (ii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial Interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her associate/relative's may have Financial Interest/proprietary positions in the securities recommended in this report as of August 8, 2024
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Report 2. Disclosure of previous investment recommendation produced:
- 3 EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's may have material conflict of interest in the securities 4. recommended in this report as of August 8, 2024
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the 5. subject company at the end of the month immediately preceding the August 8, 2024
- EGFSL or its associates may have managed or co-managed public offering of securities for the subject company in the past twelve months.
- EGFSL, its affiliates and Research Analyst or his/her associate may have received compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its affiliates and/or and Research Analyst or his/her associate may have received any compensation or other benefits from the subject company or third party in connection with this research report.

Emkay Rating Distribution

	· / · · · · · · · · · · · · · · · · · ·		
Ratings	Expected Return within the next 12-18 months.		
BUY	>15% upside		
ADD	5-15% upside		
REDUCE	5% upside to 15% downside		
SELL	<15% downside		

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

OTHER DISCLAIMERS AND DISCLOSURES:

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) -:

EGFSL or its associates may have financial interest in the subject company.

Research Analyst or his/her associate/relative's may have financial interest in the subject company.

EGFSL or its associates and Research Analyst or his/her associate/ relative's may have material conflict of interest in the subject company. The research Analyst or research entity (EGFSL) have not been engaged in market making activity for the subject company.

EGFSL or its associates may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst or his/her associate/relatives may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst may have served as an officer, director or employee of the subject company.

EGFSL or its affiliates may have received any compensation including for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. . Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. EGFSL or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EGFSL or its associates may have received any compensation or other benefits from the Subject Company or third party in connection with the research report. EGFSL or its associates may have received compensation from the subject company in the past twelve months. Subject Company may have been client of EGFSL or its affiliates during twelve months preceding the date of distribution of the research report and EGFSL or its affiliates may have co-managed public offering of securities for the subject company in the past twelve months.