### **Result Update**

# **Apcotex Industries**

Refer to important disclosures at the end of this report

# Internal accruals key monitorable for near term projects

CMP: Rs 96 TP: Rs 120 (▲) as of (May 22, 2020)

Rating: BUY (■)

- **Upside: 24.5 %**
- Apcotex's Q4FY20 revenue came slightly ahead of our estimates (down 23.8% yoy), mainly due to lower realizations, with volumes holding ground (flat yoy/up goq). Export markets, aided volume growth, due to diminished market price differentials.
- EBITDA margins came above our estimates, owing to a higher revenue base and lower raw material costs. Furthermore, gross margins expanded 250bps yoy.
- Feb-Mar'20 saw good demand for key products. However, due to the lockdown and supply chain issues, ~ Rs170mn of topline was lost, along with stretched working capital. Management sees next 1-2 quarters under stress and is laying out steps to better position Apcotex to benefit from ensuing demand post-recovery.
- Hands-on approach to maximize the capacity utilization would garner benefits in the medium term. We introduce FY23 estimates, forecasting topline growth at 23% CAGR (FY21-23E). We roll forward our valuations to arrive at a TP of Rs120 (earlier Rs114), and maintain our Buy rating, with UW in EAP.

What we liked: Steady volumes; directing idle capacity for products in demand; expansion plans for the near future; pre-Covid-19 utilization levels (90-95%)

What we did not like: Increase in liabilities

Volumes flat, realizations disappoint: APCOTEX's Q4FY20 revenues declined 23.8% vov/ up 5.5% gog to Rs1.16bn (est. Rs1.09bn), primarily due to growth arrest in volumes on account of the shutdown, which in turn hampered management's ability to execute client orders. In exports, volumes too saw an uptick due to negligible price differentials (Asia vs. Europe), although impacted by logistical clogs. Realizations were depressed, due to low prices of key raw materials (Styrene/Butadiene/ACN {down 38%/45%/41% yoy, Spot}). Management sees increased latex demand for medical gloves and is redirecting capital as well as capacity to cater to South East Asian markets.

Next 1-2 quarters to remain under pressure: EBITDA margins contracted by 237bps yoy to 6.8% in Q4FY20 due to higher employee and other expenses. The captive power plant had to be temporarily shut due to the lockdown. Management has also revaluated capex plans for Rs900mn for the next 12-15 months that would be funded by a mix of debt and internal accruals. Utilization levels are expected to be at 60-65% in the next 1-2 quarters and expected to improve going forward.

Capex strategy vital to market penetration: Management's clearly laid out strategy with regards to capex plans and ability to identify crucial ones instills confidence. However, external factors continue to bog down the overall performance, due to which we cut our earnings estimates by 18%/12% for FY21/22. We maintain our Buy rating, with a revised TP of Rs120 (15x FY23E P/E) and maintain UW in EAP. Key downside risks are slower recovery in automotive and construction sector, and price undercutting in export markets.

Please see our sector model portfolio (Emkay Alpha Portfolio): Speciality Chemicals (page 9)

# Financial Snapshot (Standalone)

(Do mm)	FY19	FY20	FY21E	FY22E	FY23E
(Rs mn)	FIIB	F 1 2U	FIZIE	F 1 ZZE	FIZSE
Revenue	6,257	4,960	5,108	6,413	7,696
EBITDA	676	334	430	624	803
EBITDA Margin (%)	10.8	6.7	8.4	9.7	10.4
APAT	466	166	204	324	410
EPS (Rs)	9.0	3.2	3.9	6.3	7.9
EPS (% chg)	16.3	(64.3)	22.6	59.1	26.4
ROE (%)	17.8	6.3	7.9	11.9	13.7
P/E (x)	10.7	30.1	24.5	15.4	12.2
EV/EBITDA (x)	7.4	15.9	12.9	9.3	7.4
P/BV (x)	1.8	2.0	1.9	1.8	1.6

Source: Company, Emkay Research



Emkay vs Consensus EPS Estimates	
Previous Reco	BUY
Target Period (Months)	12
Target Price change (%)	5.3
EPS Chg FY21E/FY22E (%)	(18)/(12)
Change in Estimates	

EV24E

	FIZIE	FIZZE
Emkay	3.9	6.3
Consensus	4.8	7.1
Mean Consensus TP (1	2M)	Rs 114
Stock Details		
Bloomberg Code		APCO IN
Face Value (Rs)		2
Shares outstanding (mn	i)	52
52 Week H/L		245 / 63
M Cap (Rs bn/USD bn)		5 / 0.07
Daily Avg Volume (nos.)	)	59,708
Daily Avg Turnover (US	\$ mn)	0.1

Shareholding Pattern Mar '2	20
Promoters	58.0%
Fils	-%
DIIs	0.7%
Public and Others	41.3%

Price Performance									
(%)	1M	3M	6M	12M					
Absolute	(6)	(32)	(40)	(54)					
Rel to Nifty	(5)	(9)	(21)	(40)					

(%)	1M	3M	6M	12M
Absolute	(6)	(32)	(40)	(54)
Rel. to Nifty	(5)	(9)	(21)	(40)



Source: Bloomberg

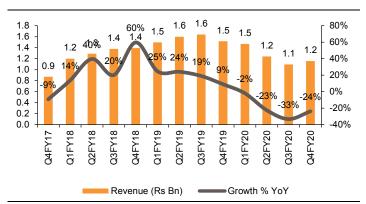
This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

#### **Rohit Sinha**

rohit.sinha@emkayglobal.com +91 22 6612 1306

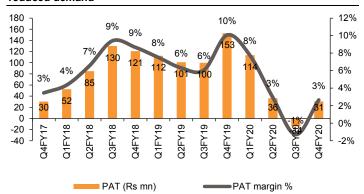
# **Story in Charts**

Exhibit 1: Topline and growth under pressure from volumes arrest



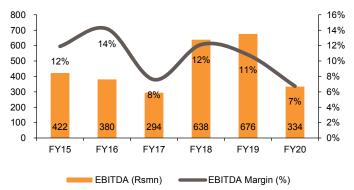
Source: Company, Emkay Research

Exhibit 3: Profitability would continue to face headwinds, from reduced demand



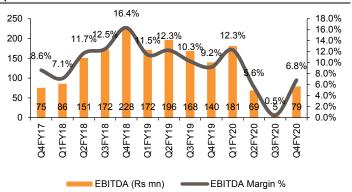
Source: Company, Emkay Research

Exhibit 5: EBITDA would continue to be in sync with top line, assuming pass through to customers



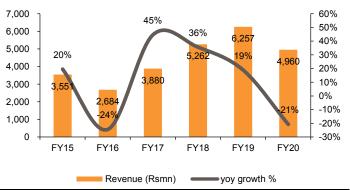
Source: Company, Emkay Research

Exhibit 2: EBITDA Margins likely to remain at current levels, next 1-2 quarters



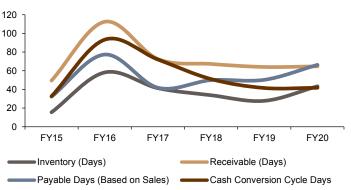
Source: Company, Emkay Research

Exhibit 4: Growth in revenue to remain under pressure in FY21, with recovery from FY22



Source: Company, Emkay Research

Exhibit 6: Cash conversion days recover, on improved cash collections and creditors cycle



Source: Company, Emkay Research

# **Exhibit 7: Actual vs Estimates**

(in Rs Mn)	Actual	Estimate (Emkay)	% Variation Emkay	Comments
Sales	1156	1094	5.7	Slightly above estimates due to higher volumes offtake, partially offset by lower realizations
EBITDA	79	55	43.5	Above estimates owing to lower RM costs and higher sales base
EBITDA margin %	6.8	5.0	179.9	Above estimates owing to lower Rivi costs and higher sales base
PAT	31	39.0	-21.4	Below estimates due to higher tax rates (incomparable yoy) and lower other income

Source: Company, Emkay Research

Exhibit 8: Quarterly performance (Standalone)

Rs Mn	Q4FY19	Q1FY19	Q2FY20	Q3FY20	Q4FY20	YoY (%)	QoQ (%)	FY20	FY19	YoY %
Net Sales	1,517	1,467	1,241	1,096	1,156	-23.8	5.5	4,960	6,257	-20.7
Operating Expenditure	1,072	978	877	829	789	(26.4)	(4.8)	3,472	4,430	-21.6
Gross Profit	445	489	364	267	367	-17.5	37.8	1,488	1,827	-18.6
as % of sales	29.3	33.4	29.3	24.3	31.8	2.4		30.0	29.2	
SG&A expenses	306	308	295	262	289	-5.6	10.3	1,154	1,151	0.3
as % of sales	20.1	21.0	23.8	23.9	25.0			23.3	18.4	
EBITDA	140	181	69	5	79	-43.4	1,488.8	334	676	-50.6
Depreciation	30	30	32	36	36	17.4	(0.2)	134	118	13.6
EBIT	109	151	37	-31	43	(60.3)	NA	200	558	-64.2
Other Income	31	11	21	14	13	-58.9	(11.4)	59	77	-22.8
Interest Expenses	4	4	3	2	4	11.9	129.2	13	18	-27.3
PBT	136	158	54	-18	52	(61.9)	NA	246	617	-60.1
Total Tax	-17	44	18	-4	21	NA	NA	80	151	-47.1
Reported PAT	153	114	36	-14	31	(79.9)	NA	166	466	-64.3
Reported EPS	2.95	2.19	0.70	-0.27	0.59	(79.9)	NA	2.6	6.0	-56.7

Margins (%)						(bps)	(bps)			(bps)
EBITDA	9.2	12.3	5.6	0.5	6.8	-237	637	6.7	10.8	-407
EBIT	7.2	10.3	3.0	-2.8	3.8	-345	655	4.0	8.9	-489
EBT	9.0	10.8	4.4	-1.7	4.5	-449	616	5.0	9.9	-489
PAT	10.1	7.7	2.9	-1.3	2.7	-742	394	3.4	7.4	-410
Effective Tax Rate	-12.1	28.1	33.4	22.4	41.0	5310	1855	32.4	24.4	798

Source: Company, Emkay Research

# Conference call highlights

#### Latex and Rubber

- Apcotex holds a 20-25% market share in NBR in the domestic market. Management sees an increased export opportunity going ahead.
- Volumes were flat yoy (up qoq); however, realizations were down. Most of clogged exports have been dispatched in the current quarter.
- NBR is almost 30% of entire revenue (Automotive is half of that). Tyre product makes up 10% of entire revenue. Management expects tyre market demand to come back relatively faster, due to the replacement market.
- Realizations for latex are almost 50-60% of NBR.
- Latex for gloves project would primarily cater to South East Asian markets such as Malaysia (caters to 70% global glove demand, largest 5 manufactures), Korea and Thailand, with volumes commitments from large players. Gloves are currently sold at spot prices since the quantity is small.
- Pricing model is a combination of formula based (range of quantity) and spot. Split would be 40% formula, 60% spot (NBR largely spot basis in market).

## Capex, revenue

- Capex plans for the next 12-15 months is around Rs900mn, of which Rs600mn is NBR. Latex for gloves project in Valia, Rs120-150mn for the Taloja plant expansion (20% addition) and Rs50-100mn remaining for the ongoing project (4-5ktons NBR capacity). This would be funded through a mix of debt and internal accruals and subject to developments.
- Exports stand at 12-13% of exports as of FY20 (slightly higher for Q4FY20). Working capital was stretched due to inventory hang up and reduced debtors' collections.

#### Covid-19

- Due to the lockdown in the last 15 days of Q4FY20, Rs170mn revenue was lost. Feb and Mar'20 were extremely good months, barring the Covid-19 effect.
- Pre-Covid-19, the capacity utilization levels were almost 90-95%, which is expected to touch 65-70% in Q1FY21.

# **Others**

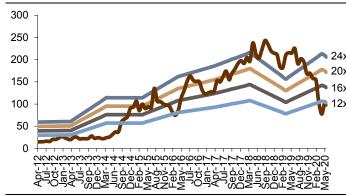
- Asian vs European price differentials have come down since Q3FY20, and this has aided export volume growth and will continue to do so.
- Anti-dumping duty has been filed against Korea and some other countries as well.
- Apcobuild remains a small part, very well received and expanded to Mumbai as well as Western and Southern regions. It has separate distribution and advertising issues.

Exhibit 9: Changes in Estimates

Rs mn		FY21E			FY23E		
	Old	New	% Change	Old	New	% Change	Introduced
Revenues	5229	5108	-2.3	6,066	6,413	5.7	7,696
EBITDA	471	430	-8.6	637	624	-2.1	803
EBITDA margins %	9.0	8.4	-6.4	10.5	9.7	-7.4	10.4
Net profits	250	204	-18.5	369	324	-12.2	410
EPS (Rs)	4.8	3.9	-18.1	7.1	6.3	-12.0	7.9

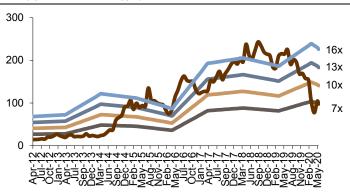
Source: Company, Emkay Research

Exhibit 10: PE band



Source: Company, Emkay Research

Exhibit 11: EV/EBITDA band



Source: Company, Emkay Research

Exhibit 12: Peer comparison

Company Name	Price	Mkt Cap	Reco	TP		PE			PB (x)		E,	V/EBITDA	١
Company Name	(Rs)	(Rs bn)	Reco	(Rs)	FY20e	FY21e	FY22e	FY20e	FY21e	FY22e	FY20e	FY21e	FY22e
Advanced Enzyme Tech	157.5	17.6	Buy	214	13.3	12.1	10.3	2.2	1.9	1.6	8.3	7.3	6.0
Apcotex Industries	96	5.0	Buy	120	30.1	24.5	15.4	1.8	1.7	1.7	15.9	12.9	9.3
BASF India	1013	43.9	Hold	1055	331.8	31.3	20.4	3.1	2.8	2.5	18.0	12.8	10.3
Camlin Fine Sciences	36.3	4.4	Buy	70	14.4	8.1	6.1	1.6	1.3	1.1	7.3	5.1	4.2
GHCL	99.2	9.4	Buy	155	2.4	3.2	2.4	0.4	0.4	0.3	2.6	2.9	2.0
Navin Fluorine	1497	74.0	Buy	1600	45.0	35.3	28.8	6.2	5.4	4.7	30.2	26.7	21.8
SRF	3370	193.7	Buy	3860	22.1	22.6	16.0	4.0	3.4	2.8	16.6	14.2	10.8
Tata Chemicals	283.4	72.2	Hold	302	1.0	10.5	8.0	0.6	0.5	0.5	6.5	6.9	5.7
Vinati Organics	962.5	98.9	Hold	915	31.6	34.6	26.3	7.6	6.5	5.4	24.1	25.5	19.3

Source: Emkay Research, Company

# Key Financials (Standalone)

### **Income Statement**

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Revenue	6,257	4,960	5,108	6,413	7,696
Expenditure	5,581	4,626	4,677	5,789	6,893
EBITDA	676	334	430	624	803
Depreciation	118	134	161	209	261
EBIT	558	200	269	415	541
Other Income	77	59	60	60	60
Interest expenses	18	13	30	42	54
PBT	617	246	300	433	547
Tax	151	80	96	109	137
Extraordinary Items	0	0	0	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	466	166	204	324	410
Adjusted PAT	466	166	204	324	410

# **Balance Sheet**

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Equity share capital	104	104	104	104	104
Reserves & surplus	2,674	2,409	2,509	2,729	3,035
Net worth	2,778	2,513	2,613	2,833	3,139
Minority Interest	0	0	0	0	0
Loan Funds	102	482	662	912	1,062
Net deferred tax liability	0	0	0	0	0
Total Liabilities	2,880	2,995	3,274	3,745	4,201
Net block	976	1,442	1,631	2,122	2,411
Investment	689	544	544	544	544
Current Assets	2,105	1,982	2,070	2,106	2,466
Cash & bank balance	101	160	109	103	118
Other Current Assets	0	0	0	0	0
<b>Current liabilities &amp; Provision</b>	891	974	971	1,028	1,221
Net current assets	1,214	1,008	1,099	1,078	1,245
Misc. exp	0	0	0	0	0
Total Assets	2,880	2,995	3,274	3,745	4,201

# **Cash Flow**

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
PBT (Ex-Other income) (NI+Dep)	540	187	240	373	487
Other Non-Cash items	0	0	0	0	0
Chg in working cap	(129)	266	(142)	14	(152)
Operating Cashflow	458	197	223	547	519
Capital expenditure	(216)	(727)	(189)	(491)	(289)
Free Cash Flow	242	(530)	34	56	230
Investments	65	145	0	0	0
Other Investing Cash Flow	(142)	(77)	(221)	(269)	(321)
Investing Cashflow	(152)	(455)	(350)	(700)	(550)
Equity Capital Raised	0	0	0	0	0
Loans Taken / (Repaid)	(123)	380	180	250	150
Dividend paid (incl tax)	(156)	(62)	(104)	(104)	(104)
Other Financing Cash Flow	18	13	30	42	54
Financing Cashflow	(279)	317	76	146	46
Net chg in cash	28	59	(51)	(6)	15
Opening cash position	73	101	160	109	103
Closing cash position	100	160	110	103	118

Source: Company, Emkay Research

Key	Ratios
-----	--------

Profitability (%)	FY19	FY20	FY21E	FY22E	FY23E
EBITDA Margin	10.8	6.7	8.4	9.7	10.4
EBIT Margin	8.9	4.0	5.3	6.5	7.0
Effective Tax Rate	24.4	32.4	32.0	25.1	25.1
Net Margin	7.4	3.4	4.0	5.1	5.3
ROCE	22.8	8.8	10.5	13.5	15.1
ROE	17.8	6.3	7.9	11.9	13.7
RoIC	28.2	9.1	11.0	14.5	16.3

Per Share Data (Rs)	FY19	FY20	FY21E	FY22E	FY23E
EPS	9.0	3.2	3.9	6.3	7.9
CEPS	11.3	5.8	7.0	10.3	12.9
BVPS	53.6	48.5	50.4	54.7	60.6
DPS	3.0	1.2	2.0	2.0	2.0

Valuations (x)	FY19	FY20	FY21E	FY22E	FY23E
PER	10.7	30.1	24.5	15.4	12.2
P/CEPS	8.5	16.6	13.6	9.3	7.4
P/BV	1.8	2.0	1.9	1.8	1.6
EV / Sales	8.0	1.1	1.1	0.9	0.8
EV / EBITDA	7.4	15.9	12.9	9.3	7.4
Dividend Yield (%)	3.1	1.2	2.1	2.1	2.1

Gearing Ratio (x)	FY19	FY20	FY21E	FY22E	FY23E
Net Debt/ Equity	0.0	0.1	0.2	0.3	0.3
Net Debt/EBIDTA	0.0	1.0	1.3	1.3	1.2
Working Cap Cycle (days)	65.0	62.4	70.7	55.5	53.5

Growth (%)	FY19	FY20	FY21E	FY22E	FY23E
Revenue	18.9	(20.7)	3.0	25.6	20.0
EBITDA	5.9	(50.6)	29.0	44.9	28.6
EBIT	8.0	(64.2)	34.8	54.2	30.4
PAT	11.4	(64.3)	22.6	59.1	26.4

Quarterly (Rs mn)	Q4FY19	Q1FY20	Q2FY20	Q3FY20	Q4FY20
Revenue	1,517	1,467	1,241	1,096	1,156
EBITDA	140	181	69	5	79
EBITDA Margin (%)	9.2	12.3	5.6	0.5	6.8
PAT	153	114	36	(14)	31
EPS (Rs)	2.9	2.2	0.7	(0.3)	0.6

Source: Company, Emkay Research

Shareholding Pattern (%)	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20
Promoters	57.9	57.9	57.9	57.9	58.0
FIIs	-	-	-	-	-
DIIs	0.6	0.6	0.6	0.6	0.7
Public and Others	41.5	41.5	41.5	41.5	41.3

Source: Capitaline

### RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP (n	Period nonths)	Rating	Analyst
16-Apr-20	91	114	12m	Buy	Rohit Sinha
07-Feb-20	154	177	12m	Hold	Rohit Sinha
06-Jan-20	158	177	12m	Hold	Rohit Sinha
25-Oct-19	171	177	12m	Hold	Rohit Sinha
23-Sep-19	201	243	12m	Buy	Rohit Sinha
30-Jul-19	185	227	12m	Buy	Rohit Sinha
27-Apr-19	219	241	12m	Buy	Amar Mourya
31-Jan-19	184	241	12m	Buy	Amar Mourya
30-Jul-18	226	274	12m	Buy	Amar Mourya
09-Jul-18	207	274	12m	Buy	Amar Mourya
07-May-18	227	274	12m	Buy	Amar Mourya
12-Feb-18	215	219	12m A	ccumulate	e Amar Mourya
08-Nov-17	195	219	12m	Buy	Amar Mourya
19-Aug-17	161	219	12m	Buy	Amar Mourya
20-Jun-17	160	219	12m	Buy	Amar Mourya

Source: Company, Emkay Research

# RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research

# **Emkay Alpha Portfolio – Speciality Chemicals**

#### EAP sector portfolio

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight (Normalised)
Speciality Chemicals	0.19	0.16	-14%	-3	100.00
Advanced Enzyme Tech	0.00	0.00	NA	0	1.88
Apcotex Industries	0.00	0.00	NA	0	0.00
BASF India	0.00	0.00	NA	0	1.54
Camlin Fine Sciences	0.00	0.00	NA	0	1.58
GHCL	0.00	0.00	NA	0	0.95
Navin Fluorine	0.00	0.04	NA	4	23.01
Orient Refractories	0.00	0.00	NA	0	1.97
SRF	0.19	0.09	-53%	-10	46.69
Tata Chemicals	0.00	0.01	NA	1	6.53
Vinati Organics	0.00	0.00	NA	0	2.15
Cash	0.00	0.03	NA	3	13.70

Source: Emkay Research

■ High Conviction/Strong Over Weight ■ High Conviction/Strong Under Weight

# Analyst: Rohit Sinha

**Contact Details** 

rohit.sinha@emkayglobal.com +91 22 6612 1306

#### Sector

Speciality Chemicals

# Analyst bio

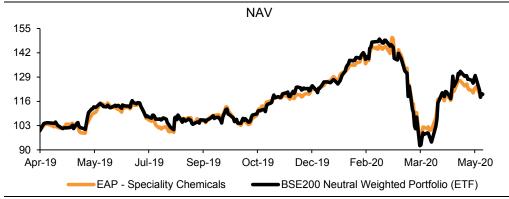
Rohit Sinha holds a CFA degree and comes with total four years of experience in the Specialty Chemicals sector. He currently covers nine stocks in the Specialty Chemicals space.

#### Sector portfolio NAV

					Latest	
	1-Apr-19	20-Aug-19	21-Nov-19	20-Feb-20	21-Apr-20	21-May-20
EAP - Speciality Chemicals	100.0	106.2	118.0	145.4	116.4	119.6
BSE200 Neutral Weighted Portfolio (ETF)	100.0	106.0	118.8	148.7	117.5	119.8

\*Performance measurement base date 1st April 2019 Source: Emkay Research

#### **NAV** chart



Source: Emkay Research

Please see our model portfolio (Emkay Alpha Portfolio): SMID

Please see our model portfolio (Emkay Alpha Portfolio): Nifty

"Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals"

<sup>\*</sup> Not under coverage: Equal Weight

#### **Emkay Rating Distribution**

Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

Completed Date: 26 May 2020 11:55:14 (SGT) Dissemination Date: 26 May 2020 11:56:14 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

#### 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 Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries 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, insurance broking 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.emkayqlobal.com

EGFSL is registered as Research Analyst with 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, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the 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 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.

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) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that may be 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. 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 or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. 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 used by private customers in United Kingdom. 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 Group Companies. 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 publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.
- Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

Disclaimer for U.S. persons only: This research report is a product of Emkay Global Financial Services Limited (Emkay), 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 the sender. Further, 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.

#### 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 associate does not serve 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 does not have financial interests 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.

<sup>1</sup> An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

#### 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-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of May 24, 2020
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report 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.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of May 24, 2020.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the May 24, 2020
- 6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any 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.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the May 24, 2020

<sup>&</sup>lt;sup>2</sup> 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.

# **RESTRICTIONS ON DISTRIBUTION**

INEO I INIO I I ONO ON E	SIGHT ADD THOM
General	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.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.
United Kingdom	In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6th Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if 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.

# 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