

MDN/CS/COMPLIANCE/2020

Date: 09.12.2020

To,

**BSE Limited,** 

25<sup>th</sup> Floor, P.J. Towers,

Mumbai- 400001

National Stock Exchange of India Limited,

Exchange Plaza, C-1

Block- G, Bandra Kurla Complex, Bandra (East),

Mumbai – 400051

Scrip Code: 541195 Trading Symbol: MIDHANI

Sub: Investor presentation

Ref: Our letter of even no. dated 08.12.2020

Dear Sir/Madam,

1. This is in reference to our letter quoted under reference w.r.t. the schedule of Analyst/Investor call with the Company.

2. In above connection, please find enclosed herewith 'Corporate Presentation' made available at the Analyst/Investor call. The same is also available on the company's website viz. www.midhani-india.in

The above is for your kind information and records.

Thanking you,

Yours faithfully,

For Mishra Dhatu Nigam Limited

हैदराबाद है है बेपी Antony Hyderabad-500 Company Secretary

company.secretary@midhani-india.in

Encl: As above



# **Corporate Presentation**

December 2020

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# **Industry Overview**

**Milestones** 

**Business Snapshot** 

**Strengths & Strategies** 

**Financial Overview** 

**Annexures** 

#### MISHRA DHATU NIGAM LIMITED - OVERVIEW



#### **Rich History**

- Mishra Dhatu Nigam Limited (MIDHANI) was incorporated in in the year 1973 at Hyderabad as a Government of India Enterprise under the Ministry of Defence.
- MIDHANI achieved the status of a Mini- Ratna Category I Company by the Government of India in 2009.



## Pioneering Technology

- Prime Production Agency for high value products which cater to niche end user segments in Defence, Space and Energy sectors.
- Only manufacturers of Titanium alloys and one of the leading manufacturers of Special Steels, Superalloys in India.



# Product Expertise & Innovation

- Manufacturers of high value special steels like Ultra High Strength Steel, Armour Grade Plates, Martensitic Steel, Austenitic Steel and Precipitation Hardening Steel, Superalloys (nickel base, iron base and cobalt base) and varieties of Titanium alloys
- Has emerged as a 'National Centre for Excellence' in advanced metallurgical production for supplying critical alloys and products of national security and strategic importance.



#### MISHRA DHATU NIGAM LIMITED - OVERVIEW



# Robust Manufacturing Capability

- Company has state of art manufacturing facility based in Hyderabad, Telangana.
- Competence of developing and manufacturing customized alloys tailor-made to suit the specific requirements of Customers for their critical applications.
- Currently in the process of the setting up greenfield facilities at Rohtak for Armour products and at Nellore for manufacture of High end Aluminum Alloy products in JV with NALCO.



### Strong Financial Performance

- MIDHANI's value chain is supported and strengthened by its strong financials, human resources and logistics.
- MIDHANI has been consistently making profits and paying Dividends with strong operating performance.
- FY 20 Revenue INR 7,129 Mn; PAT INR 1,598 Mn;
- MoU Rating for the past three years:

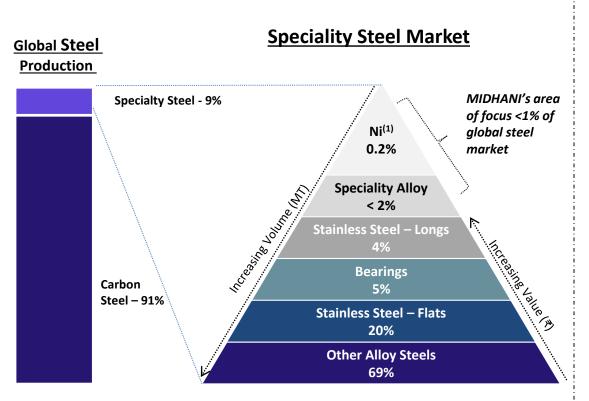
FY 2017-18	Very Good			
FY 2018-19	Excellent			
FY 2019-20	Excellent (Likely)			

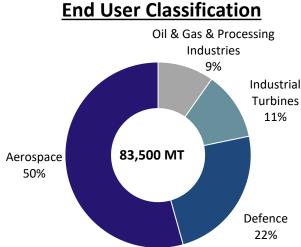


#### **INDUSTRY OVERVIEW**



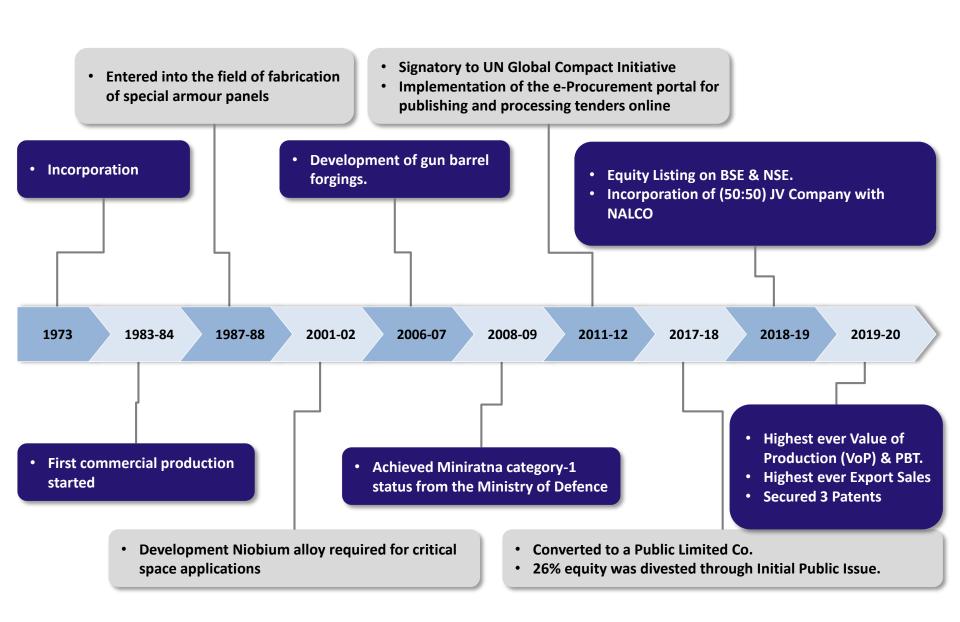
#### **MIDHANI** Focuses on speciality materials catering to high end engineering applications





#### **MILESTONES**





#### **BUSINESS SNAPSHOT**



#### LEADING MANUFACTURERS OF SPECIAL STEELS, SUPERALLOYS AND ONLY MANUFACTURER OF TITANIUM ALLOYS IN INDIA

- Miniratna Category-I company
- National Centre for Excellence' in advanced metallurgical production
- Operates one of the few metallurgical plants of its kind in the world

#### **NICHE END USER SEGMENTS**



**Defence** 

In-house research and development capabilities



**Aerospace** 

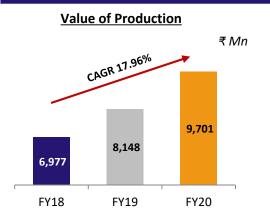
Indigenization of various critical technologies

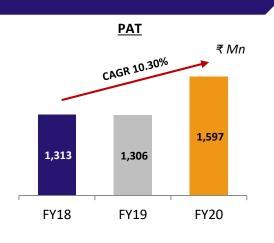


**Energy** 

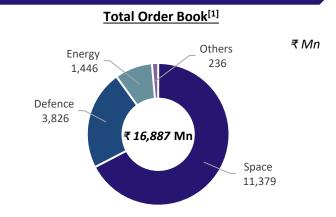
Reduced dependence on imports

#### **FINANCIAL SNAPSHOT**





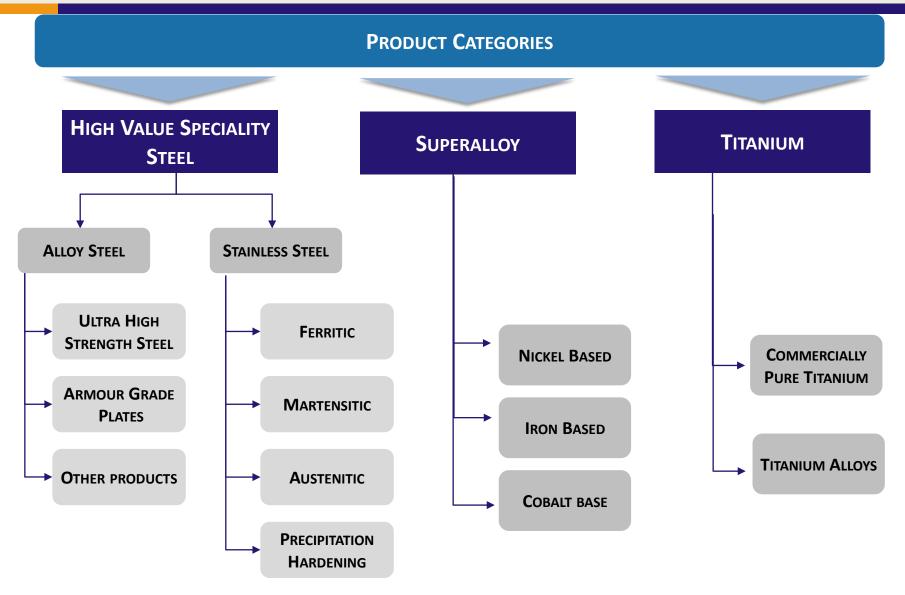
#### **ORDER BOOK POSITION**



[1] As on 1st Oct, 2020

#### **PRODUCT PORTFOLIO**





Special Product – Armour (Personal, Group, Vehicle)





Advanced and unique facilities



Capability to manufacture wide range of advanced products with focus on product indigenisation



Strong long term customer relationships



Research and development based technology development



Highly Qualified and Experienced Management and Management Systems

# Unique Facilities with Capability to develop customized alloys and manufacture a wide range of advanced products





#### **WORLD CLASS VACUUM MELTING FURNACES**



HIGH QUALITY PRODUCTS TO MEET CUSTOMERS'
STRINGENT QUALITY REQUIREMENTS



PROCESS CAPABILITIES ACROSS VARIOUS PRODUCT
MANUFACTURING VALUE CHAIN



LEVERAGE BOTH ECONOMIES OF SCALE AND SCOPE

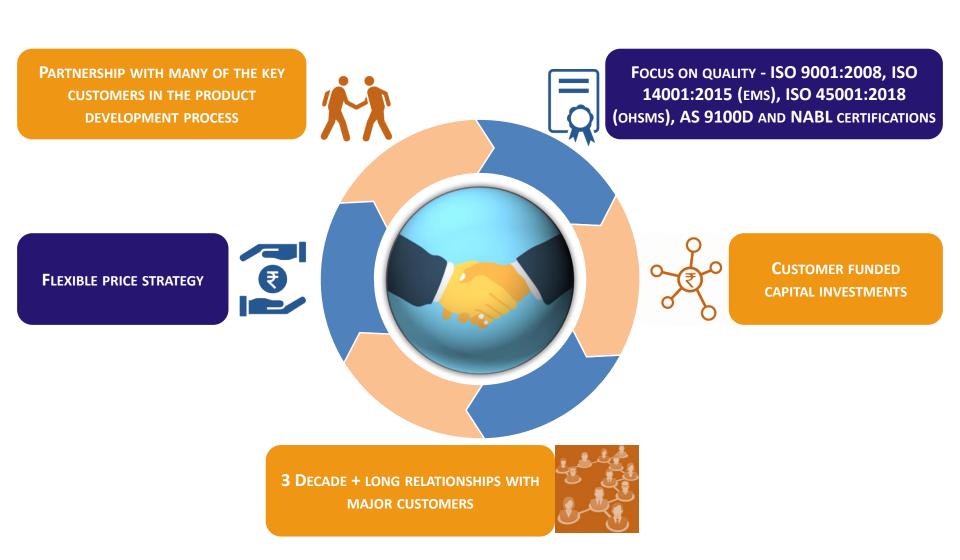


VENTURE INTO NEW MARKETS WITH INNOVATIVE AND ADVANCED PRODUCTS

#### **STRONG LONG TERM CUSTOMER RELATIONS**



COMMITTED TO ENHANCEMENT OF CUSTOMER SATISFACTION BY CONTINUALLY IMPROVING THE EFFECTIVENESS OF QUALITY MANAGEMENT
SYSTEM TO DRIVE ORGANIZATIONAL PERFORMANCE



[1] During 2012 to 2015

#### RESEARCH AND DEVELOPMENT BASED TECHNOLOGY DEVELOPMENT



IN-HOUSE RESEARCH AND DEVELOPMENT TEAM



OUTSOURCE TECHNOLOGICAL KNOWLEDGE FROM VARIOUS COUNTRIES



DEDICATED TECHNOLOGY ADVISORY BOARD





STRONG PRODUCT
DESIGN CAPABILITIES



COLLABORATIONS WITH INDIAN AND INTERNATIONAL RESEARCH INSTITUTIONS AND ORGANIZATIONS



**QUALITY MANAGEMENT SYSTEM** 



HIGH QUALITY PRODUCTS



TIMELY COMPLETION



EFFECTIVE SERVICING

#### HIGHLY QUALIFIED AND EXPERIENCED MANAGEMENT





Dr. Sanjay Kumar Jha

Chairman & Managing Director

- Metallurgical Engineering graduate from National Institute of Technology, Jamshedpur
- 32+ years of experience out of which worked for more than 27 years in Department of Atomic Energy (DAE). Published 35 articles in international journals
- PhD from Homi Bhabha National Institute



Shri Gowri Sankara Rao Naramsetti

Director (Finance)

- Chartered Accountant & B Com from Andhra University
- 31+ years of experience in Financial Planning & Control, Budgeting, Concurrence, International Trade, International Financing, Taxation, Costing and Accountancy



Shri Anuraj Bajpai, IFS

Joint Secretary (P&C), Government Nominee Director

- 1994 Batch, Indian Forest Service.
- At present, posted as Joint Secretary (P&C) in Department of Defence Production.
- Served various important position in state government.

#### **STRATEGIES**



#### 1. Growth and modernization



- Seeks growth (through both greenfield and brownfield) based on the development of technology for customers and product
- Aim for geographical expansion of the Company and to operate from multiple locations
- Seek to enter into the new markets of oil and gas, mining, power, railways and chemical and fertilizers

#### 2. Increased focus on research and development



- Entered into collaborations with Indian and international research institutions and organizations to gain access to the required know-how for developing certain key advanced technology products.
- Aims for forward and backward integration by manufacturing components/value added products

#### 3. Strengthen human capital



• Intends to continue to focus on improving health, safety and environment for the employees and provide various programs and benefits for their wellbeing and skill-enhancement

#### 4. Diversification



- MIDHANI is setting up a State of art armour manufacturing facility for personal, group & vehicle protection at Rohtak.
- Utkarsha Aluminium Dhatu Nigam Limited incorporated as a JV Company with NALCO to set up High-End Aluminium Alloy Production plant in Nellore..

#### **New Project: Armour Manufacturing Facility**



#### 1. About the Facility



- MIDHANI is setting up a State of art armour manufacturing facility for personal, group & vehicle protection at IMT Rohtak
- Major Products
  - Personal protection
  - Group protection
  - Vehicle protection



**Bullet Proof Patka** 



Bullet Proof Jacket



**Helicopter Armouring** 

#### 2. MIDHANI Strength



- Experience in design & manufacture of wide variety of armour products
- Ability to meet all national (BIS & MHA), international ballistic standards (NIJ, STANAG)

#### 3. Application Areas



- Defence forces
- State police
- Armed forces



**Sentry Post** 



**Bullet Proof Morcha** 



Passenger Vehicle Armouring

#### JOINT VENTURE: HIGH-END ALUMINIUM ALLOY PLANT



#### 1. About the Project



- Joint Venture (JV) Company "UTKARSHA ALUMINIUM DHATU NIGAM LIMITED (UADNL)" promoted by MIDHANI and NALCO (with equal equity partnership) incorporated on 21.08.2019 to set up a greenfield 60,000 TPA High-End Aluminium Alloy Production plant in Nellore district of Andhra Pradesh.
- Project is proposed for self-reliance, technology enhancement & import substitution of critical strategic materials Aluminium alloys, which is in line with national vision of building 'Atmanirbhar Bharat'

#### 2. Product Portfolio

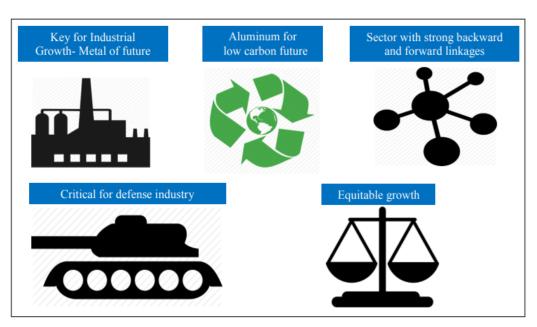


 High-end Aluminium Alloy Flat Rolled Products (FRPs) Plates, Sheets and Coils.

#### 3. Sector Focus



- Defence
- Aerospace



#### **CONTRIBUTION TOWARDS ATMANIRBHAR BHARAT**





**Manufacturing of Discs used in aeronautical sector:** Successfully delivered first of its kind, sets of isothermally forged Titanium Alloy high pressure compressor discs used in aerospace application with completely indigenous technology under Industry Research Partnership.



 Spider casting for Space Applications: Successfully developed spider casting indigenously with stringent aerospace requirements for Semi cryo-engine of satellite launch vehicle after meeting all stringent aerospace quality requirements



**Development of RHA steel for Penetration Test of Missiles:** Developed Rolled Homogenous Armour steel used to assess the penetrating depth of the missile which was earlier imported.



**Development of High strength Precipitation Hardening Stainless Steels for aerospace applications:** Fasteners for Aerospace applications and Development of Titanium alloys for AMCA project.



Rings

**Fasteners** 

Manufacturing of Stringent Quality Rings for Space applications: Manufacture of stringent quality rings for used for manufacturing Propellent Tank in Stage 4 of PSLV

#### IMPACT ON BUSINESS DUE TO COVID



#### **Status of Plants**

- CoVID-19 lockdown has affected the final inspection, certification and shipment of materials in the month of March 2020.
- There was a disruption in production activities for about 45 days in Q1 FY 2020-21. Subsequently, the normal production activities have resumed with effect from May 20, 2020.

#### **Business Impact**

- Q1FY21 Revenue & Profitability has been impacted.
- Company expects improvement in supply chain efficiency post phase wise easing of lockdown & hopes to neutralize the impact of CoVID-19 on business for FY 2020-21 to some extent.
- It is well positioned to fulfill its obligations and existing contract/arrangements

#### Liquidity

- Company's capital and banking facilities remain intact. The company is able to make its own financing arrangements through internal accruals.
- The company does not foresee any problems in realizing receivables in the year.
- Company is poised to meet its CAPEX requirement through internal / external accurals.

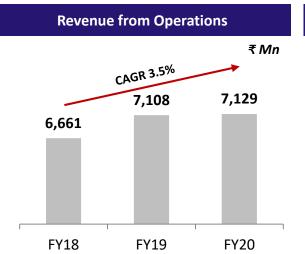
# Partnering the Nation

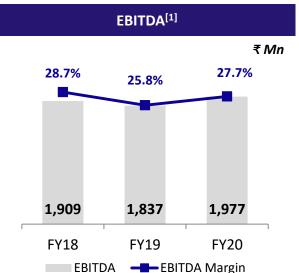
- MIDHANI has developed and supplied 1.5 kg. of 0.16 mm Nickel Wire with purity better than 99.6% critically required for manufacture of Oxygen sensors of "Critical Core Ventilator" produced by Bharat Electronics Limited (BEL) for COVID-19 patients.
- The material developed and supplied for the first time has helped establish an indigenous source of critical raw material which otherwise had to be imported.
- MIDHANI has also contributed Rs. 50 Lakh to PM CARES FUND.

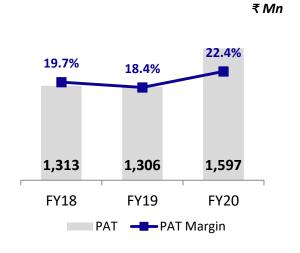
## FINANCIAL OVERVIEW (1/2)



₹Mn







**PAT** 

Interest Coverage Ratio [2]

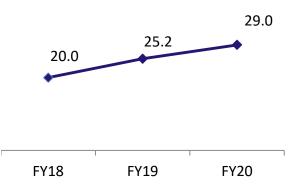
#### Return on Net Worth[3]

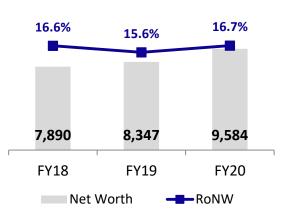
₹Mn

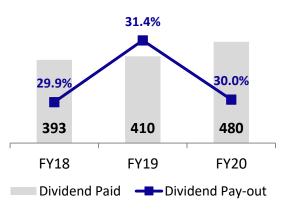
[1] EBITDA is calculated as PBT gross of finance costs and depreciation.

PBT excludes other income.

#### **Total Dividend & Dividend Payout Ratio**

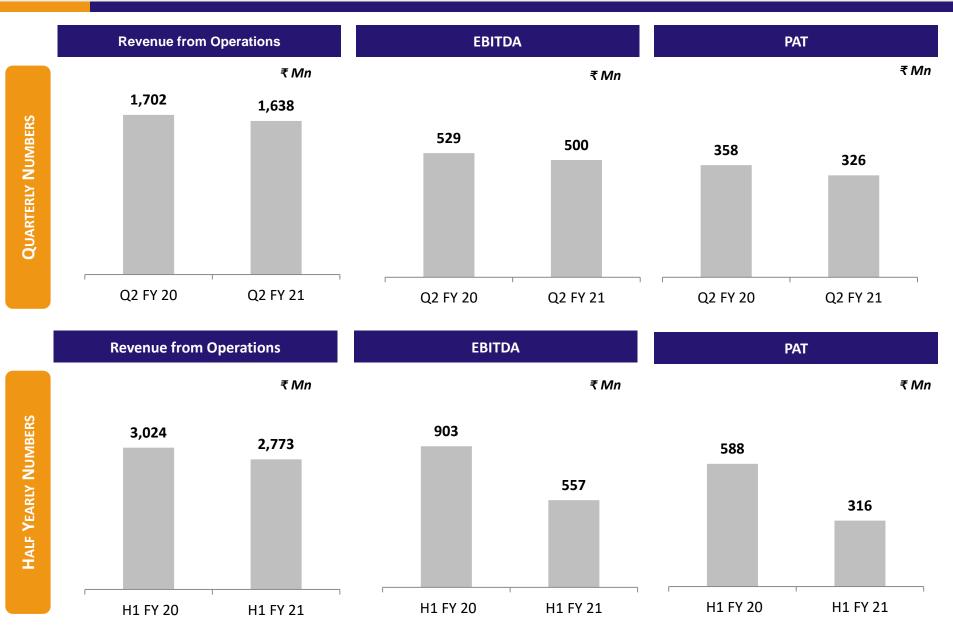


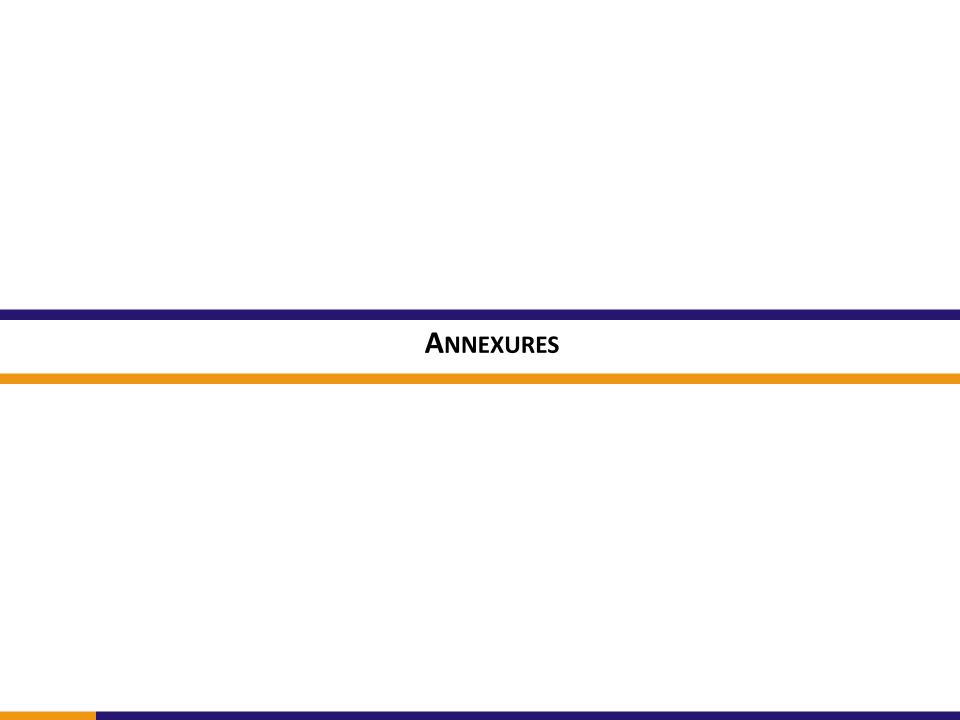




 $<sup>^{[2]}</sup>$ EBIT is calculated as PBT gross of finance costs. PBT excludes other income.

<sup>[3]</sup> Return on Net Worth has been computed as Net Profit after tax as divided by Net Worth at the end of the period/year.





#### **AWARDS AND ACCREDITATIONS**



#### **ACCREDITATIONS**

#### **AWARDS**

#### **Quality Management**



ISO 9001:2015 ISO 14001:2015 (EMS), ISO 45001:2018 (OHSMS)







Raksha Mantri Award, 2013-14





Raksha Mantri Award, 2014-15





Corporate Vigilance Excellence Award, 2016-17





Skoch Award 2016 for balanced and sustainable business performance





Excellence Award 2016 by Institute of Economic Studies



6th Governance Now PSU Award in Non-Financial Category for 'HR Excellence (Value Growth)' in 2019



Skoch Gold Award 2019 for Corporate Excellence

# SUMMARY STATEMENT OF ASSETS & LIABILITIES (1/2)



Particulars	FY18	FY19	FY20	FY21 (H1)
ASSETS:				
Non-current assets				
Property, Plant and Equipment	3,427.75	4,236.70	4,397.05	4,305.80
Capital work-in-progress	649.93	1,750.47	4,048.20	4,434.27
Intangible assets	16.58	12.77	10.41	11.99
Financial Assets				
(i) Investments	21.01	21.01	2,21.01	221.01
(ii) Loans	0.01	-	6.49	6.37
Non-current tax assets (Net)	202.12	106.52	54.36	159.42
Other non-current assets	681.77	462.07	99.97	95.19
Total Non-Current Assets	4,999.17	6,589.54	8,837.49	9,234.05
Current assets:				
Inventories	2,413.80	5,088.35	9,105.04	9,325.15
Financial Assets				
(i) Trade receivables	4,134.34	3,522.44	2,973.95	3,368.29
(ii) Cash and cash equivalents	1,800.79	1,979.95	1,108.97	315.92
(iii) Other financial assets	178.80	114.85	133.54	101.08
Other current assets	125.10	951.56	1,820.85	1,850.85
Total Current Assets	8,652.83	11,657.15	15,142.35	14,961.29
Total Assets	13,652.00	18,246.69	23,979.84	24,195.34

# SUMMARY STATEMENT OF ASSETS & LIABILITIES (2/2)



<i>₹ Mn</i> Particulars	FY18	FY19	FY20	FY21 (H1)
EQUITY AND LIABILITIES				
EQUITY				
Equity share capital	1,873.40	1,873.40	1,873.40	1,873.40
Other Equity	6,016.95	6,473.69	7,710.47	8,017.88
Total Equity	7,890.35	8,347.09	9,583.87	9,891.28
LIABILITIES				
Non-current liabilities				
Financial liabilities				
(i) Borrowings	9.20	5.71	1.84	-
(ii) Other Financial Liabilities	469.99	1,560.98	3,259.78	3,501.10
Provisions	7.98	10.90	12.52	13.53
Deferred tax liabilities (net)	286.36	398.00	312.34	327.53
Other non-current liabilities	740.58	2,588.98	3,840.99	3,633.10
Total Non-current liabilities	1,514.11	4,564.57	7,427.47	7,475.26
Current Liabilities				
Financial liabilities				
(i) Borrowings	919.33	1,060.86	1,334.42	1,502.26
(ii) Trade payables	963.16	1,284.04	1,288.98	1,168.77
(iii) Other financial liabilities	748.70	629.34	441.81	427.56
Other current liabilities	1,235.13	2,153.00	3,599.20	3,505.49
Provisions	381.22	207.79	304.08	224.72
Total Current Liabilities	4,247.54	5,335.03	6,968.50	6,828.80
TOTAL EQUITY AND LIABILITIES	13,652.00	18,246.69	23,979.84	24,195.34

# **SUMMARY STATEMENT OF PROFIT & LOSS**



₹Mn	Particulars	FY18	FY19	FY20	FY21 (H1)
REVENUE					
Revenue From C	)perations	6,660.78	7,108.46	7,128.76	2,772.66
Other Income		292.00	368.95	3,64.36	74.31
Total Income		6,952.78	7,477.41	7,493.12	2,846.97
EXPENSES					
Cost of material	consumed	1,535.49	2,927.63	3,766.06	705.75
Excise Duty		43.87	<del>-</del>	<del>-</del>	<del>-</del>
Change in inve	entories of finished goods, work-in-	(359.85)	(1,039.86)	(2,572.33)	62.76
Employee benef		1,282.94	1,084.05	1,234.85	566.45
Finance Costs		85.60	63.64	59.16	58.71
Depreciation an	d amortization expense	196.41	231.95	261.14	133.60
Other Expenses					
(i) Power & Fuel		539.52	547.42	605.68	173.21
(ii) Others		1,710.11	1,752.11	2,117.70	707.31
Other expenses		2,249.63	2,299.53	2,723.38	880.52
Total Expenses		5,034.09	5,566.94	5,472.26	2,407.79
Profit / (Loss) be	fore exceptional items and tax	1,918.69	1,910.47	2,020.86	439.18
Exceptional Iten	าร	63.82			
Profit / (Loss) be	fore tax	1,982.51	1,910.47	2,020.86	439.18
Tax expense					
Current Tax		598.61	493.48	507.27	107.51
Earlier Year Tax		(10.67)	(0.21)	1.91	
MAT Credit Entit	tlement				
Deferred Tax		81.95	111.64	(85.66)	15.19
Profit / (Loss) fo	r the period	1,312.62	1,305.56	1,597.34	316.48
Basic and Diluted	I EPS (₹)	7.01	6.97	8.53	1.69

# **SUMMARY STATEMENT OF CASH FLOWS (1/2)**



₹Mn	Particulars	FY18	FY19	FY20	FY21 (H1)
CASH FLOWS FF	ROM OPERATING ACTIVITIES				
Profit/(loss) for	the year (before tax)	1,967.78	1,917.97	1,994.76	427.08
Adjustments f	for:				
Depreciation	expense	196.41	231.95	261.14	133.60
Finance costs		85.60	63.64	59.16	58.71
Interest incom	ne	(213.19)	(135.56)	(133.52)	(26.74)
Profit / Loss o	n sale of Fixed Assets	(0.09)	0.46	(0.92)	0.23
		2,036.51	2,078.46	2,180.62	592.88
Working capita	l adjustments:				
(Increase) ded	rease in inventories	(353.38)	(2,674.55)	(4,016.67)	(220.11)
(Increase) ded	rease in trade receivables and loans	(1,249.01)	611.91	542.00	(394.23)
(Increase) ded	rease in other financial assets	(61.99)	79.20	(18.69)	32.46
(Increase) ded	rease in other non-current assets	(588.06)	204.45	362.10	4.77
(Increase) ded	rease in other current assets	(0.51)	(826.46)	(869.30)	(30.00)
Increase (deci	rease) in trade payables	291.29	323.30	7.40	(116.04)
Increase (deci	rease) in other financial liabilities	468.90	971.64	1,511.27	227.07
Increase (deci	rease) in provisions	(2.59)	(54.49)	97.92	(78.35)
Increase (deci	rease) in non-current liabilities	(348.50)	1,848.40	1,252.01	(207.89)
Increase (deci	rease) in other current liabilities	404.26	914.70	1,446.20	(93.72)
Cash generated	from operating activities	596.92	3 <i>,</i> 476.55	2,494.84	(283.15)
Income tax pai	d (net)	(394.36)	(516.31)	(450.46)	(209.52)
Net cash from	operating activities (A)	202.56	2,960.24	2,044.38	<b>(</b> 492.67)

# **SUMMARY STATEMENT OF CASH FLOWS (2/2)**



₹ Mn.	Particulars	FY18	FY19	FY20	FY21 (H1)
CASH FLOW F	ROM INVESTING ACTIVITIES				
Acquisition o	f property, plant and equipment	(954.85)	(2,716.87)	(2,716.87)	(429.99)
Profit / Loss on sale of Fixed Assets		0.09	0.93	0.93	(0.23)
Investment in	n other projects	-	(200.00)	(200.00)	<del>-</del>
Interest recei	ived	213.19	133.52	133.52	26.74
Investment in fixed deposits		(38.94)	830.00	830.00	720.00
Net cash from	m investing activities (B)	(780.51)	(1952.42)	(1952.42)	316.52
CASH FLOWS	FROM FINANCING ACTIVITIES				
Repayment o	of borrowings	790.66	269.70	269.70	165.99
Dividend on s	shares	(456.08)	(341.16)	(341.16)	(0.07)
Interest paid		(85.60)	(59.16)	(59.16)	(58.71)
Net cash flov	v from (used in) financing activities (C)	248.98	(130.62)	(130.62)	107.21
Net decrease	in cash and cash equivalents (A+B+C)	(328.97)	126.98	(38.66)	(68.94)