

#### VARDHMAN SPECIAL STEELS LIMITED

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#### Ref. VSSL:SCY:AUG:2021-22

Dated: 05.08.2021

BSE Limited,
New Trading Ring,
Rotunda Building, P.J. Towers,
Dalal Street, MUMBAI-400001.
Scrip Code: 534392

The National Stock Exchange of India Ltd, Exchange Plaza, Bandra-Kurla Complex, Bandra (East), MUMBAI-400 051 Scrip Code: VSSL

SUB: COMPLIANCE OF REGULATION 30 OF THE SEBI (LISTING OBLIGATIONS AND DISCLOSURE REQUIRMENTS) REGULATIONS 2015.

Dear Sir,

Pursuant to the provisions of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirement) Regulations, 2015, please find enclosed herewith Investor Presentation on financial results of the Company for the quarter ended 30<sup>th</sup> June, 2021.

Kindly note and display the notice on your notice board for the information of the members of your exchange and general public.

Thanking you,

Yours faithfully,

For VARDHMAN SPECIAL STEELS LIMITED

(SONAM TANEJA)

Company Secretary



#### Disclaimer





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#### **Table of Contents**









#### Management's Message





#### Commenting on the results Mr. Sachit Jain, Vice Chairman and Managing Director said -



"We are pleased to announce that our Company has performed well during the first quarter of this financial year. During the first quarter, our sales volumes stood at 43,705 tonnes with a revenue of Rs. 330.14 crore and EBIDTA of Rs. 53.71. This growth can be attributed to growing demand in the automotive sector and strong demand from OEMs/component manufacturers for our products and increase in prices.

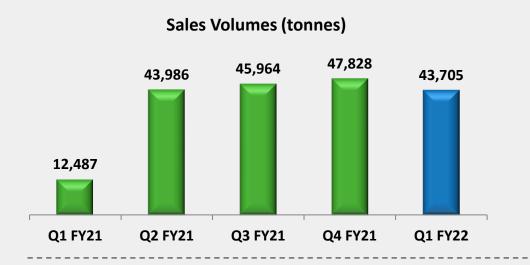
We are also happy to inform that during this quarter, our Company received its long pending environmental clearance from Ministry of Environment for expansion from 2,00,000 MT per annum to 2,80,000 MT per annum of rolled products.

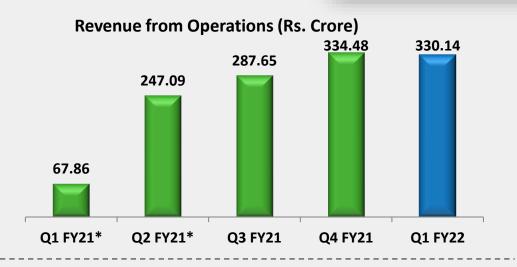
As far as the demand is concerned, the next couple of months would be similar to the first quarter and we anticipate strong demand after the fear of the third wave of COVID subsides. This along with consistent improvement in our operational efficiencies will improve the Company's overall business. Our greatest strength has always been our employees who have never failed to deliver even in the toughest of situations and has always treated this Company as their own.

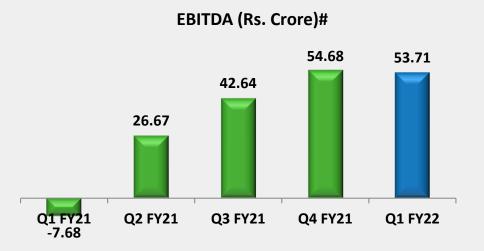
Overall, we remain focused on creating value for our stakeholders and managing the business for the long term to transform our business and our ways of working. I am thankful to the entire team at Vardhman for overcoming gripping uncertainties and delivering good results."

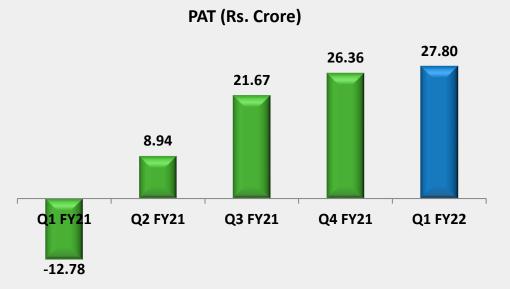
#### **Financial Highlights - Quarterly**











<sup>\*</sup> Includes sale of billets and traded goods; #EBITDA is including Other Income

#### Financial Highlights – Q1 FY22





INR Crore	Q1 FY22	Q1 FY21#	Y-o-Y %	Q4 FY21
Revenue From Operations*	330.14	67.86	386.49%	334.48
Other Income	2.64	1.77		2.41
Total Income	332.78	69.63	377.92%	336.89
Cost of Materials Consumed	227.29	38.78		194.07
Purchases of Stocks	0.30	0.00		0.00
Changes In Inventory	(45.77)	4.81		(13.28)
Raw Material Expenses	181.81	43.59		180.79
Employee Expenses	18.68	10.71		18.40
Power & Fuel	36.43	11.69		33.72
Other Expenses	42.14	11.32		49.30
Total Expenditure	279.07	77.31		282.21
EBITDA	53.71	(7.68)	799.45%	54.68
Depreciation	6.62	6.69		10.01
Interest / Finance Cost	4.40	5.14		4.80
PBT	42.69	(19.51)		39.87
Tax	14.89	(6.74)		13.51
PAT	27.80	(12.78)	317.57%	26.36
Basic EPS in Rs.	6.86	(3.16)	317.09%	6.51

- Q1 FY22 volumes stood at **43,705** tons
- EBITDA per ton for this quarter stood at Rs. 12,289
- Received long pending environmental clearance, allowing capacity expansion of rolling mill to 2,80,000 MT from 2,00,000 MT

<sup>\*</sup>Includes sale of billets and traded goods #Due to huge impact of COVID-19 in Q1 of FY21, it would not be comparable with Q1 FY22

#### Financial Highlights – FY21





INR Crore	FY21	FY20	Y-o-Y %
Revenue From Operations*	937.08	846.20	10.74%
Other Income	12.96	9.40	
Total Income	950.04	855.60	11.04%
Cost of Materials Consumed	537.41	389.29	
Purchases of Stocks	0.00	4.32	
Changes In Inventory	-12.25	144.39	
Raw Material Expenses	525.17	538.00	-2.39%
Employee Expenses	59.61	48.13	
Power & Fuel	116.26	95.49	
Other Expenses	132.69	124.86	
Total Expenditure	833.73	806.48	
EBITDA	116.31	49.12	136.79%
Depreciation	30.23	25.72	
Interest / Finance Cost	19.71	25.72	
PBT	66.38	-2.32	2965.51%
Tax	22.18	-5.66	
PAT	44.19	3.34	1223.24%
Basic EPS in Rs.	10.94	0.89	1129.21%

- Volumes for the full year stood at **1,50,265** tonnes YoY growth of ~**10**%, despite Q1 performance impacted by COVID-19 nationwide lockdown, higher sales volumes due to increased demand from OEMS/Component manufacturers in later quarters of FY21 helped to achieve volumes
- EBITDA growth of 136.79% increase in sales volumes,
   price increase, better
   realizations and higher
   operational efficiencies
- RoCE stands at 19.50% on yearly basis
- Board recommended dividend of Rs. 1.5 per equity share with face value of Rs. 10 each
   subject to shareholder approval

<sup>\*</sup> Includes sale of billets and traded goods; #Capital employed in RoCE does not include unutilized funding of Rs. 50 cr from Aichi Steels as it is deposited in FD

### **Balance Sheet Highlights**

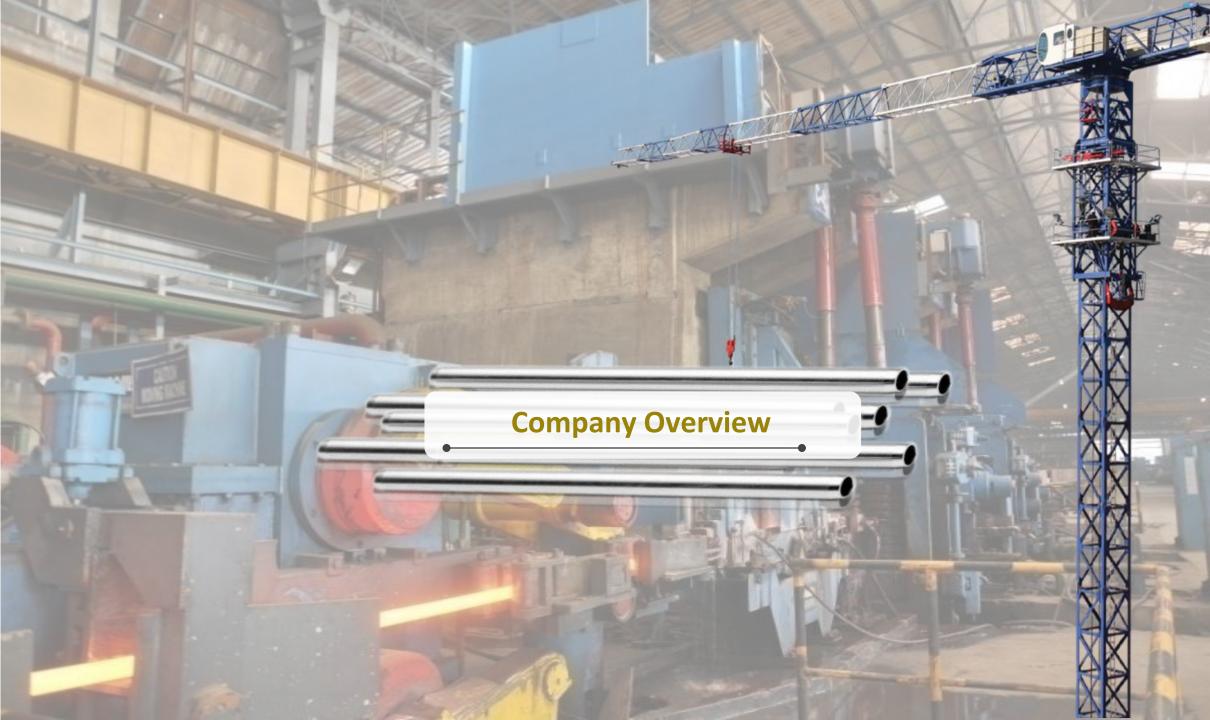




INR Crore	As on 31 <sup>st</sup> Mar'21	As on 31 <sup>st</sup> Mar'20
Equity*	459.36	413.63
Equity Share Capital	40.51	40.39
Other Equity	418.86	373.24
Non-current liabilities	112.87	110.95
Financial Liabilities		
Borrowing	109.65	107.84
Lease Liability	0.94	1.49
Other Financial Liabilities	0.32	0.18
Provisions	1.76	1.20
Other Non Current Liabilities	0.19	0.23
Current liabilities		
Financial Liabilities	230.50	245.66
Borrowings	59.86	148.62
Lease Liabilities	0.11	0.14
Trade Payables		
Total O/s dues of Micro, Small Ent	2.56	1.27
Total O/s other Than Above	127.62	60.46
Other Financial Liabilities	30.53	27.09
Provisions	0.24	0.86
Other Current Liabilities	9.46	7.21
Current Tax Liability (Net)	0.13	0.00
Total Equity & Liabilities	802.73	770.24

INR Crore	As on 31 <sup>st</sup> Mar'21	As on 31 <sup>st</sup> Mar'20
Non-Current Assets	320.45	409.37
Property Plant & Equipment	281.49	308.31
Capital work in progress	12.74	12.33
Other intangible assets	0.13	0.25
Right of Use Asset	0.91	1.55
Financial Assets		
Long Term Loans	1.78	0.84
Other Financial Assets	0.00	51.38
Deferred Tax Assets (Net)	9.69	19.96
Current Tax Assets (Net)	0.83	2.94
Other Non-Current Assets	12.88	11.81
<b>Current Assets</b>	482.28	360.87
Inventories	192.26	151.78
Financial assets		
Investments	0.00	5.00
Trade receivables	218.40	179.89
Cash & Cash equivalents	2.34	2.30
Other Bank Balance	50.00	0.00
Loans	0.99	0.91
Other financial assets	10.61	1.68
Assets Held for Sale	0.00	10.12
Other Current Assets	7.67	9.17
Total Assets	802.73	770.24

<sup>\*</sup>On 4th November 2019, Company allotted 46,29,629 equity shares on preferential basis of Rs.10 each at Rs. 108/- (including security premium) aggregating to Rs. 50 Crore to Aichi Steel Corporation



#### **About Us**





### **Amongst India's Leading Steel Bar Producers for Automotive Applications**

■ Incorporated in May 2010

Headquartered in Ludhiana, Punjab

 Caters to sectors such as Engineering, Automotive, Tractor, Bearing and Allied Industries

#### **Specialized Product offerings –**

 Steel Bars and Rods and Bright Bars of various categories of Special & Alloy Steels

### 200+ Reputed and long-term customers

 Toyota, Hero Moto Corp, Caterpillar, Hino Motors, Maruti, Bajaj and Hyundai, among others

#### **Experienced Management Team**

- Significant experience in Steel Industry
- Long term vision and proven ability to achieve long term goals for Company
- Strategic alliance with Aichi Steel Corporation



### State-of- art manufacturing facilities

- Cutting-edge manufacturing technology
- Manufacturing Capacity
  - ➤ Billets 2,00,000 MTPA
  - ➤ Rolled Bars 2,00,000 MTPA

### Strong Domestic & International Customer Base for forging applications

 Thailand, Taiwan, Turkey, Russia, Germany and Spain

### Quality Standards, Assurance & Certifications

ISO 14001:2004; OHSAS 18001:2007; ISO 9001:2008; ISO/TS 16949:2009

#### **Journey So Far**



#### What We were...

- 1973 Started as Oswal Steels - 50,000 TPA capacity of special & alloy steels
- 1986 Acquired Mohta Alloys with capacity of 1,00,000 TPA
- 1995 Installed modern
   Steel Melting Shop with
   Electromagnetic Stirrer
- 2000 Commissioned Vacuum Degassing System
- 2001 Strengthened product portfolio – added Bright Bar Facility
- 2010 Independent identity under Vardhman Group

- 2012 Listed on BSE & NSE
- 2013 Installed fully automatic rolling mill with capacity of 1,50,000 TPA & Magnaflux leakage testing system (Dr. Foerster Germany), and Ultrasonic Testing from (Olympus, Canada)
- July 2015 Installed
   Fume Extraction system
- Aug 2015 Increased Bright bars capacity to 36,000 TPA & 1,80,000 TPA for Hot Rolled

- Dec 2016 Upgraded transformer & allied equipment to reduce melting time & resulting in SMS capacity to 1,65,000 TPA
- April 2017 Rights Issue of Rs 67.85 Cr.
- Oct 2017 Purchased
   acres of adjoining
   land for Rs. 36 Cr.

- Feb. 2018 QIP of Rs 50 Cr.
- June 2018 CRISIL upgraded credit rating
- August 2018 Change in Statutory Auditors to M/s B. S. R. & Co. LLP
- Feb 2019 Fortified Board of Directors

   one Independent Woman Director

   and one Additional Director appointed
- Sept 2019 Replacement of electric arc furnace and other related activities
- Nov 2019 Signs Technical Assistance Agreement with Aichi Steel Corporation - Issuance of equity shares on preferential basis worth Rs. 50 Cr.
- Appointed Additional Director as representative of Aichi Steel Corporation
- July 2021 Received environmental clearance for capacity expansion

2016 - 2017

**2018 – Till Date** 

1973- 2011

2012 - 2015

.... Transforming into one of India's leading steel bar producers

#### **Strong Experienced Board of Directors contd...**







### Mr. Rajeev Gupta Chairman & Independent Director

- B. Tech from BHU/IIT, Varanasi and MBA (IIM, Ahmedabad)
- Rich experience of more than 35 years One of Country's topmost Investment Bankers



### Mr. Sachit Jain Vice Chairman & MD

- B. Tech (Electrical) IIT, New Delhi, MBA (Gold medallist) - IIM, Ahmedabad and Owner/President Management Program – Harvard - Experience of over 29 years in Textile & Steel
- Chairman of CII, Northern Region



### Ms. Suchita Jain Non-Executive Director

- Master's degree in Commerce from Punjab University, Chandigarh
- Over 25 years of rich experience in textile industry
- Representative of Vardhman Group



#### Mr. Rajinder Kumar Jain Non-Executive Director

- Chartered Mechanical Engineer from Institute of Mechanical Engineers London
- Retired as General Manager from Indian Railways after 35years of service



### Mr. Sanjoy Bhattacharyya Independent Director

- B.Sc (Statistics Honours) and MBA. from IIM, Ahmedabad
- More than 21 years of experience in equities & investment management - Among leading stock market Gurus



#### Mr. Takashi Ishigami Non-Executive Director

- Representative of Aichi Steel Corporation
- Completed Education from Yamanashi University
- Over 40 years of rich experience in Steel Industry

#### **Strong Experienced Board of Directors contd...**







### Mr. B.K. Choudhary Non-Executive Director

- Degree in B.Sc., M.Com & MBA
- Rich experience of more than 44 years in Steel
   & Textile industry



### Mr. Rakesh Jain Independent Director

- Ph.d in Polymers from the University of Akron
- Worked in the Advanced Technology Group at GE Electro-materials Division (EMD) in Coshocton, OH,USA & Aditya Birla Group (ABG) as MD of Indo Gulf Fertilizers Ltd



## Mr. Sanjeev Pahwa Independent Director

- B. Tech from IIT, Delhi -Experience of more than 26 years in bicycle/automobile tyres and tubes industry
- Chairman-cum-MD of Ralson (India) Ltd. –
   Largest tyre manufacturer in the World



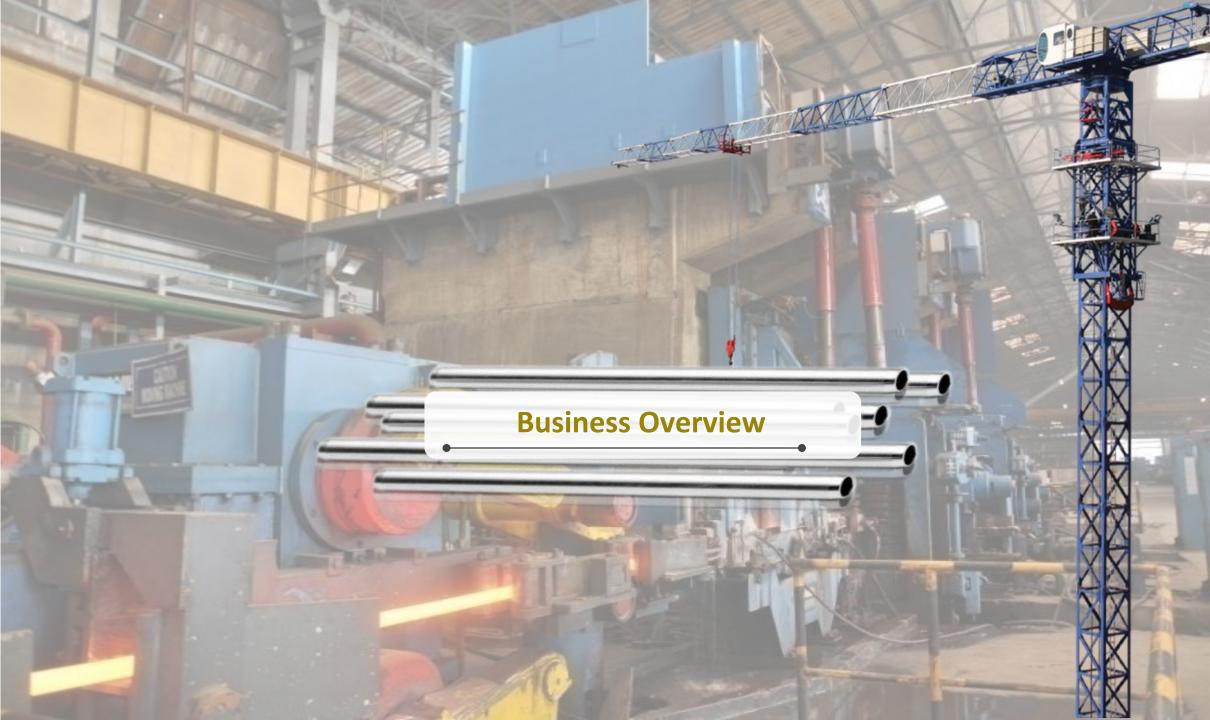
### Ms. Shubhra Bhattacharya Independent Director

- Bachelor's degree in Mathematics and MBA from Xavier's Labor Relations Institute
- More than 25 years of experience in Human Resource Management



### Mr. Raghav Chandra Independent Director

- B.Sc (Hons.); M.Sc in Mathematics; Master's in Public Administration, Harvard University & Various professional career trainings from Cambridge University, SIPA Columbia University, USA, IIM Ahmedabad
- Additional Secretary & Financial Advisor various Ministries; Chairman NHAI; CMD Indian Highway Management Co. Ltd.; Principal Secretary- Urban Development, MP; Commissioner and CEO - MP Housing Board; MD- MP SIDC; Chairman SEZ Indore



### Wide Range of Rolled & Bright Bars Products



#### **Hot Rolled Bars**



Diameter Size : Increased from 25-70
 MM in 2012 to 16-120 MM

#### **Bright Bars**



Size: 14.66 to 78 mm (Peeled), 18 to 55.25 mm (Drawn)

### **Diverse applications of our products**

•



**Axle Gears** 

**Stabilizer Bar** 

**Knuckle Spindle** 

Piston

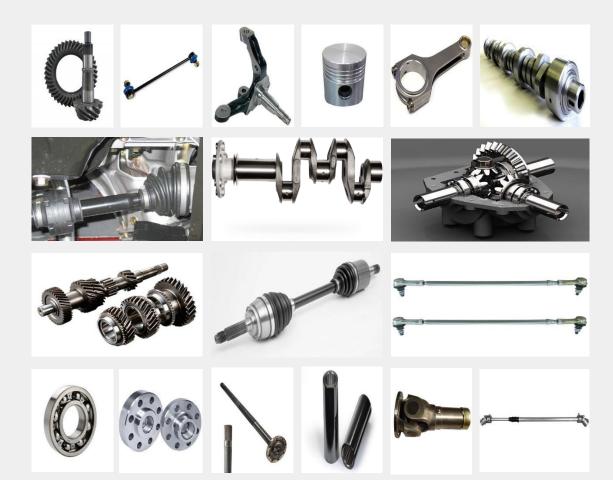
**Connecting Rod** 

Camshaft

**Center Velocity Joint** 

Crankshaft

**Differential Gears** 



**Transmission Gear** 

**Drive-Shaft** 

Tie-Rod

**Bearings** 

**Companion-flange** 

**Axle Shaft** 

**Piston-Pin** 

**Steering-Yoke** 

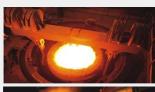
**Steering Shaft** 

#### **State-of-art Manufacturing facilities**













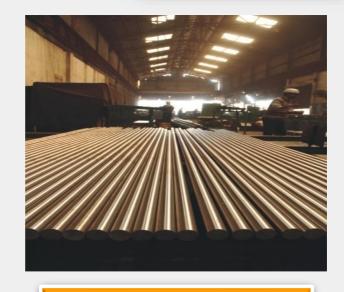
#### **Steel Melting Shop**

- Annual Capacity: 2,00,000 TPA
- 30 MT Ultra High Power (UHP) Eccentric Bottom Tapping (EBT Type)
- Fully automated continuous feeding system for DRI & other raw materials
- Automatic lance manipulator for oxygen and coke injection
- Electrode regulation system Melt Controller
- CELOX for active oxygen measurement (Electronite)



#### **Rolling Mill**

- Annual Capacity: 2,00,000 TPA
- Rolling Mill installed in 2013-14
- Mill with complete automation
- 33 TPH "Walking" Hearth Type Reheating Furnace
- Reversible 2 high shift able stand with Bar Manipulator
- 10 Continuous Stands in Horizontal & Vertical configuration
- Online Dimensional Measurements
- Rack Type Cooling bed designed for better straightness & Hardness levels
- Abrasive Cutter



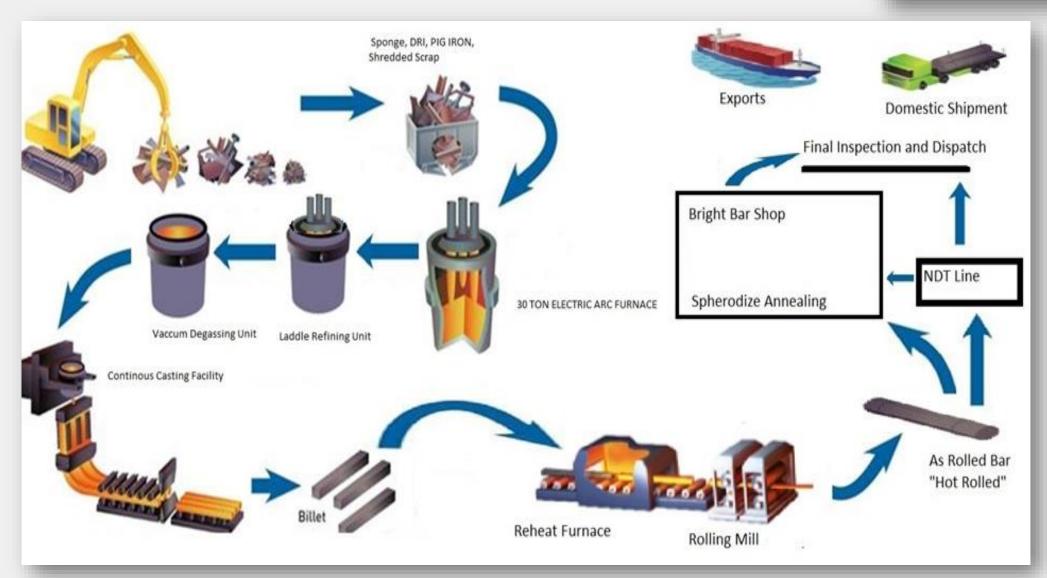
#### **Bright Bars**

- Annual Capacity: 36,000 TPA
- Bar Peeling & Centreless Grinding
  - Straightening
  - Peeling
  - Cold drawing
  - Polishing
  - Centreless grinding
  - Full length bar Magnetic Particle Inspection
  - High Speed Band Saws
  - Circular Saw Cut to Length Steel

#### **Process Flow**







### **In-House Steel Melting Shop**





#### **Electric Arc Furnace**









#### **Continuous Casting Machine**





#### **Vacuum Degassing**





### **Rolling Mill & Bright Bars**





#### **Rolling Mill**



**Reheating Furnace** 





#### **Bright Bar Shop**



Spherodizing & Annealing Machines

**Bright Bar Shop** 



#### **Automatic Line of Bar Inspection - NDT Line**





#### **Straightening**

Straightness : 2mm / meter



### Chamfering

Bar ends free from Burr



#### **MFLT**

Acceptance Criteria: 0.2x10mm



#### **UST**

**OLYMPUS** 

Acceptance Criteria: SDH - 0.8x10mm, FBH - 0.8 & 1.2mm



#### **Best in class R&D Facility**





- Spectrometer: ARL 4460:1454 for Chemical Analysis. Can check 32 different elements
- CS 230 : Analyzer for Carbon & Sulfur content in steel
- **LECO gas analyzer** TC 600 H<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub> Analyzer
- Mobile Spectro and XRF for Mix up Testing of Bars
- Mechanical and Metallurgical Testing Lab
  - Rockwell Hardness Tester
  - Impact Testing Machine (Material Toughness)
- Metallurgical Microscope with Image Analyzer
  - Carl Zeis microscope with maximum magnification of 1000x
  - Olympus microscope with maximum magnification of 2000x
- RADLAB-1 GAMMA RAY Spectrometer
  - For Testing Steel Samples for Radiological Content
  - Can identify different types of Isotopes present in Steel Sample and show Results in Bq/gm
  - Samples Radiological content can be certified with 300 Second scan in RadLab
     "Well"
- XRF Spectrometer Higher range & All input/ output material can be checked and chemically analysed







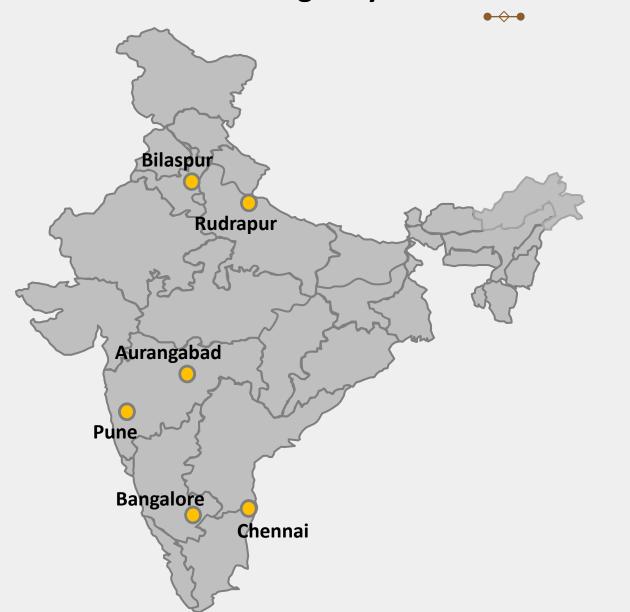






#### **Strategically located Warehousing Facilities**





- One Owned Warehouse
  - Bilaspur Haryana
- Five Leased Warehouses in India
  - Bangalore
  - Chennai
  - Rudrapur
  - Pune
  - Aurangabad

### **Key Strengths**





<ul> <li>Well equipped with latest upgraded</li> </ul> Diversified Product offerings	Technology Wachines	01
<ul><li>Diversified Product offerings</li><li>Manufactures diverse range of prod</li></ul>	ucts with wide applications across sectors	
<ul> <li>Further expanding product offerings</li> </ul>	to increase wallet share with existing customers and adding new	
clients		02
Rich Management Experience		
<ul><li>Dynamic &amp; rich experience in specia</li></ul>	l steel sector	
<ul> <li>Diverse team with right mix of opera employee base</li> </ul>	ational & technical expertise along with dedicated and skilled	
ep.e , ee 2000		03
<b>Quality Standards &amp; Assurance</b>		
<ul><li>Adherence to quality standards acro</li></ul>	ss all stages of manufacturing	
<ul><li>Checked for dimensional accuracy &amp;</li></ul>		
<ul> <li>Well equipped modern testing facilit</li> </ul>	ties to check for physical, mechanical & chemical properties	04
Brand Image		
_	by providing excellent services to satisfy our	
customers		05

#### 200+ Reputed & Long term customers....





#### Cars







**TOYOTA** 





#### **Two Wheelers**











#### **HCL/LCVs**









**DAIMLER** 

#### **Auto Components**











#### **Tractors**











#### **Off Highway Vehicles**







#### ... Across Globe with Customer Base







#### **Investing in Our Real Assets**





### Vardhman Leadership Development Program Park Plaza, Ludhiana -16<sup>th</sup> to 20<sup>th</sup> January 2019







#### **Centre for Creative Leadership**

- CCL US based Organisation offers leadership programs across 160 countries, FT top10 in executive education with 500K alumni over 50 years
- Customized leadership training for 12 senior management

#### 'Manay Vikas Kendra'

- Training programs –
   functional, attitudinal, skill
   development, quality –
   across all levels of employees
- Specialized & customized programs

#### 'EKLAVYA - B.Sc. to B. Tech.'

- New Initiative undertaken
- Formalized training programs that focus on technical knowledge, enhance skill sets and productive efficiencies of personnel

# VSSL entered a strategic alliance with Aichi Steel Corporation (ASC) Japan. (Main material maker for Toyota)



#### Gasoline





Hybrid





EV's





Phase - 1

- Technology and technical know how shared with VSSL to make steel for Toyota companies and other OEM's
- To raise quality of steel of VSSL to be supplied to future ready cars like Hybrid, Hydrogen fuel and Electric



Phase - 2

- Increase VSSL production capacity with aim to achieve high quality combined with minimum cost
- Enable VSSL to build an optimal global production system and customer requirements in India and ASEAN regions

TARGET - To make Japanese quality steel in India for Indian auto majors and ASEAN region

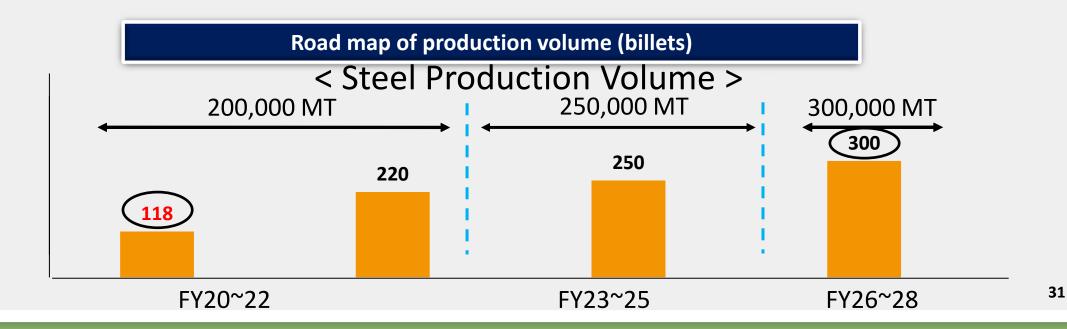
To reduce manufacturing costs by reducing and the eliminating waste

#### What advantage for VSSL after alliance with Aichi



#### **Possibilities**

- Future Ready products Patent steel grades developed for special application in EV's, hybrid and conventional Cars
- Own In House R&D Toyota Car Company takes input from Aichi on special steel to be developed car parts. It means we can target more approvals for VSSL in Maruti Suzuki and Toyota
- More customers for Vardhman in India and ASEAN region
- Export expected to increase from current 1% in FY 2021 to expected 20% 25% by FY 25
- Ministry of Environment grants Environmental Clearance for expansion from 2,00,000 MT per annum to 2,80,000 MT per annum of rolled capacity
- Forward Integration of VSSL into specialised Forging plant in India



#### **Timeline for activities**





#### Phase 3

Production 300,000MT / year Export 60,000 MT / year

- Initiate CAPEX to increase production capacity to 250,000 MT in first phase
- FY 2022-23: Year of manufacturing of Trial orders for Aichi
- Anticipate to receive orders from Aichi for Southeast Asia as well as import substitutions
- FY 2023-24: Year of start of supply of products against firm orders for Aichi

Take Japanese approvals like Yamaha, Mushashi, JTEKT, Toyota, Aichi Forge, Suzuki, Hino Motors

2022-2025

- Vardhman may look forward to Forging business in India
- Time for Aichi to Invest more in Vardhman
- VSSL AICHI may lay foundation for future steel company in India

2025-2028

- Phase 1
- Continuous improvement in quality and productivity by strengthening existing procedures

Phase 2

- Focus on Improving safety levels
- Start marketing to customers in India, Thailand, Philippines and Indonesia
- FY 2021-22 Year of Sampling for Aichi

2019-2022

Goal 2030 – VSSL to emerge as # 1 company in special steel making in India

#### **Thank You**







534392





REUTERS

**VARM.BO** 

#### For further information, please contact:

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