

Unmatched **Quality,** Peerless **Value**

Presenting Vedanta Aluminium

PRODUCT BROCHURE

INDIA'S
LARGEST
ALUMINIUM
PRODUCER

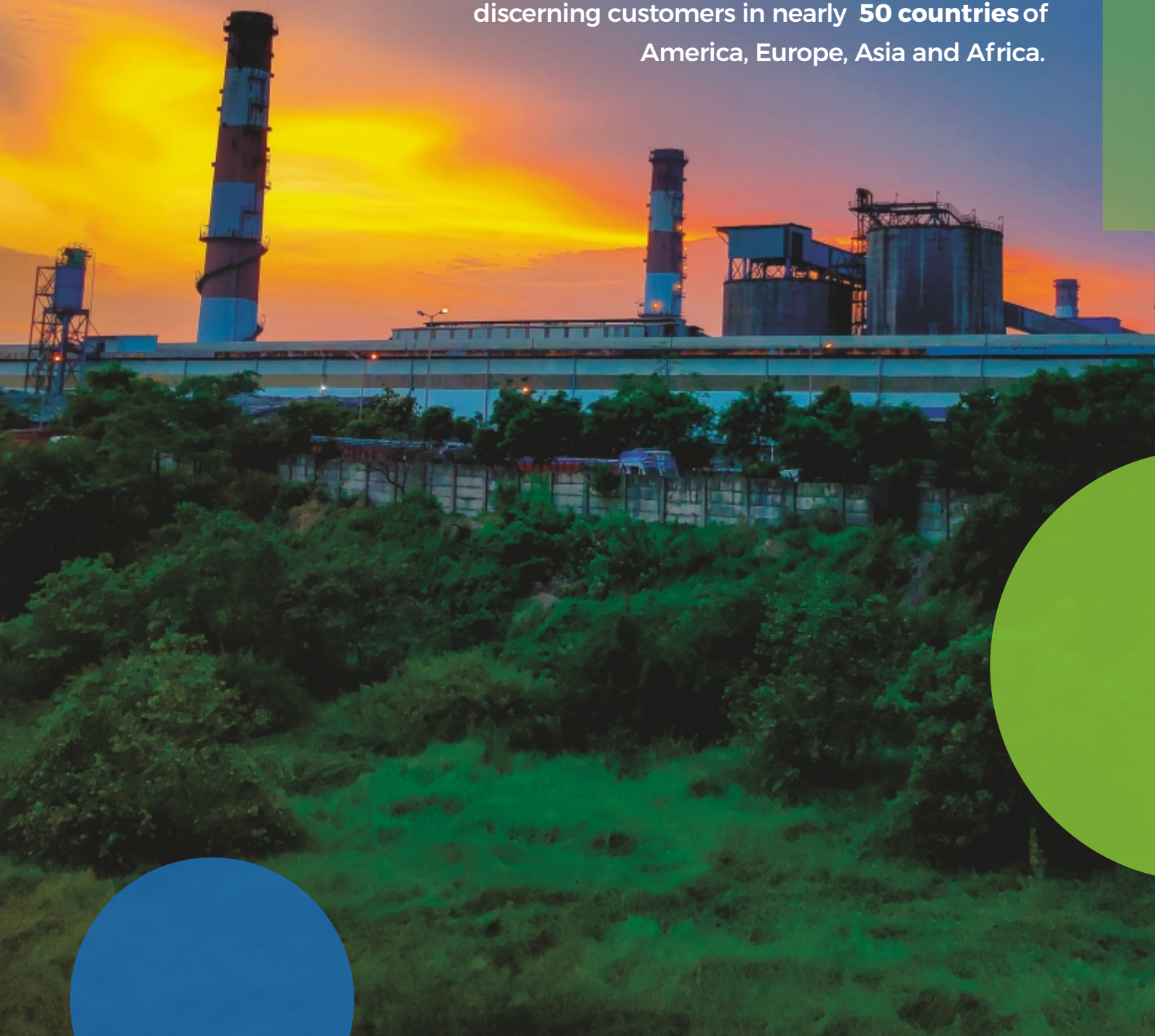
FIRST
FROM INDIA
TO PRODUCE
LOW CARBON
ALUMINIUM
'RESTORA'

SUPPLYING
TO NEARLY
50
COUNTRIES

STRONG
FOOTPRINT
**ACROSS
THE
GLOBE**

VEDANTA ALUMINIUM

Based in India, Vedanta Aluminium, a business of Vedanta Limited, is one of the world's top manufacturers of aluminium, the 'metal of the future'. With an installed capacity of **2.3 million tonnes** per annum (MTPA), we are catering to the aluminium requirements of discerning customers in nearly **50 countries** of America, Europe, Asia and Africa.





CATERING
TO NEARLY
50
COUNTRIES

HELPING CUSTOMERS **SHARPEN** THEIR COMPETITIVE EDGE

The most discerning of customers world-wide have chosen us for the quality of our products, global expertise in aluminium and excellence in customer services. We take great pride in providing our customers a unique competitive edge with one of the largest ranges of aluminium products, expertly tailormade for their evolving needs.



ABOUT US



UNPARALLELED GLOBAL EXPERTISE

With state-of-the-art assets, deep talent pool and ecosystem of global experts, our expertise in aluminium is sought-after world-wide.

TECHNOLOGY

Extensive deployment of best-in-class technology, innovation and digitalisation enables us to showcase high operational excellence and sustainable performance.

RESEARCH & DEVELOPMENT

We work with customers to co-create innovative product solutions customised to their needs, thanks to our robust R&D capabilities and a vibrant innovation hub.

CUSTOMER TECHNICAL SERVICES (CTS)

Our vibrant CTS cell works with a bevy of experts to help customers with new product development, global expertise in technical services, market development and more.

STRONG SUPPLY CHAIN

With access to India's abundant mineral reserves, Vedanta Aluminium's robust value chain and logistics network guarantees our customers 100% supply chain reliability.

SUSTAINABLE BUSINESS PRACTICES

Vedanta Aluminium ranked 4th in the Dow Jones Sustainability Index (DJSI) world rankings for the aluminium industry in 2021, a testimony to our sustainable business practices.



STRONG ASSET POSITIONING

Operations in India

Alumina Refinery, Vedanta Ltd.

Lanjigarh, Odisha

2 Million Tonnes Per Annum

Bharat Aluminium Company Ltd.

Korba, Chhattisgarh

0.575 Million Tonnes Per Annum

Aluminium Smelter, Vedanta Ltd.

Jharsuguda, Odisha

1.75 Million Tonnes Per Annum

STRONG GLOBAL PRESENCE

AMERICAS

Brazil
Canada
Costa Rica
Ecuador
Honduras
Mexico
US

EUROPE

Austria
Belgium
Bosnia
Bulgaria
Croatia
Finland
France
Germany
Greece
Italy
Netherlands
Poland
Portugal
Slovakia
Slovenia
Spain
Sweden
UK

MIDDLE EAST & AFRICA

Bahrain
Egypt
Israel
Kingdom of Saudi Arabia
Oman
Qatar
South Africa
Turkey
UAE
Rest of Africa

ASIA

Australia
Bangladesh
India
Indonesia
Japan
Malaysia
Nepal
New Zealand
Philippines
South Korea
Sri Lanka
Taiwan
Thailand
Vietnam

STRONG
REACH ACROSS THE
WORLD

Billets

Capacity	460 KT
Diameters offering	6", 7", 8", 9", 10" and 12" sizes
Technology	Wagstaff Hot-Top Air Slip Casting System
Homogenizing furnace	Continuous (from Hertwich Engineering) / Batch
Alloy offering	1xxx, 3xxx, 6xxx (Customizable)
Testing	100% Online Ultrasonic Testing
Packaging	Packaged in plastic strapped bundles on heat-treated wooden runners (ISPM 15)
Spectrometer for chemical testing	Testing Method: ASTM E1251

**LARGEST
BILLET
EXPORTER**

IN INDIAN
SUBCONTINENT
AND SOUTH
EAST ASIA



Primary Foundry Alloy

**LARGEST
EXPORTERS**
OF PRIMARY
FOUNDRY ALLOYS
FROM INDIA

Ingot variants	10 kg, 22 kg
Capacity	10 kg PFA: 190 KT 22 kg PFA: 20 KT
Technology	Remetal Befesa (Spain), Continnus-Properzi (Italy)
Ingot dimensions	10 kg: <ul style="list-style-type: none">• 700 mm*100 mm*59 mm (Open Mould)• 700 mm*700 mm*944 mm (Properzi Cast Bar) 22 kg: <ul style="list-style-type: none">• 740 mm*170 mm*114 mm (Befesa Ingot)
Alloy offering	AlSi7(A356.2), AlSi9, AlSi11, LM6, LM25 (Customizable)
Chemical testing	ASTM B233
Bundling	10 kg bundle (107 pieces / 93 pieces) 22 kg bundle (44 pieces)
Packaging	PET Straps / Cross Straps



Wire Rods

Capacity	560 KT
Rod diameter	7.6 mm, 9.5 mm, 12 mm, 15 mm
Inner diameter	570 mm +/- 10 mm
Outer diameter	1380-1500 mm
Weight per coil	1.8 -2.9 tonne
Rod tolerance	+/- 0.5 mm
Technology	Southwire (USA) and Continnus-Properti (Italy)
Alloy offering	AA1370, AA8030, AA8176, 6201, T4, Al59
Packaging	PET Straps / HDPE Covering / heat treated wooden saddle / silicon gel (customized packaging available)

**WORLD'S
LARGEST
PRODUCER**
OF WIRE-RODS,
EX-CHINA



OUR PRODUCTS

Restora Low Carbon Aluminium

- First from India to launch low carbon aluminium brand 'Restora' to enable customers meet their sustainability goals
- **Restora**, low-carbon aluminium, is manufactured using renewable energy
- GHG emissions intensity* range for Restora is 2.00 – 2.50 tCO₂e/t
- **RestoraULTRA**, ultra-low carbon aluminium, is manufactured with aluminium recovered from dross (a by-product of aluminium smelting process)
- GHG emissions intensity range for Restora Ultra is 0.7 – 0.8 tCO₂e/t
- Both products are available in the form of Billets, Ingots and Wire Rods

*GHG emissions intensity is measured as the sum of Scope 1 and Scope 2 emissions. The global requirement for aluminium to be considered as 'low carbon' is 4tCO₂e/t (tonnes of CO₂ equivalent per tonne of aluminium produced). Both Restora and Restora Ultra are well below this threshold.

**1ST LOW
CARBON**
ALUMINIUM BRAND
FROM INDIA



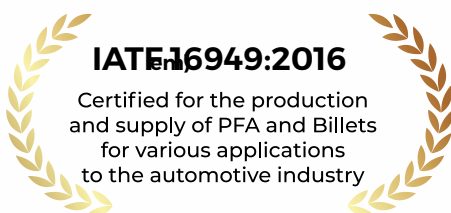
CERTIFICATIONS AND PROCESS EXCELLENCE

We have robust systems in place to understand and exceed customer expectations. Alongside timely delivery, we strive to assure our customers of the best quality, in compliance with globally accepted technical standards and certifications, for all deliveries. These coveted certifications provide unmatched quality assurance to our valued customers. Vedanta Aluminium's products are certified by the following agencies:



ISO 9001:2015 (Quality Management System)

Certified for the production and supply of primary aluminium and alloys



IATF 16949:2016

Certified for the production and supply of PFA and Billets for various applications to the automotive industry



ISO/IEC 17025:2005

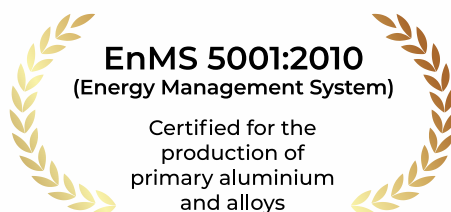
NABL accreditation for laboratory for Testing Accreditation Certification

Sustainable development with ESG excellence is the bedrock upon which we conceive our growth plans. As one of the world's leading aluminium producers, we strive to make our processes and products more sustainable with each passing day. Our certifications include:



ISO 14001:2015 (Environment Management System)

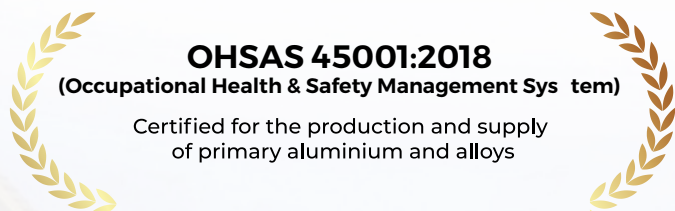
Certified for the production and supply of primary aluminium and alloys



EnMS 5001:2010 (Energy Management System)

Certified for the production of primary aluminium and alloys

Safety of our people is of paramount importance for us. We have put in place internationally recognized standards on health and safety to create a 'zero-harm' environment for everyone who works with us. Our certifications include:



OHSAS 45001:2018 (Occupational Health & Safety Management System)

Certified for the production and supply of primary aluminium and alloys

ASSURING OUR
CUSTOMERS
OF THE
**BEST
QUALITY**



REGION

NORTH AMERICA & AFRICA

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CUSTOMER TECHNICAL SERVICES

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