



AIA Engineering Limited



Creating Value



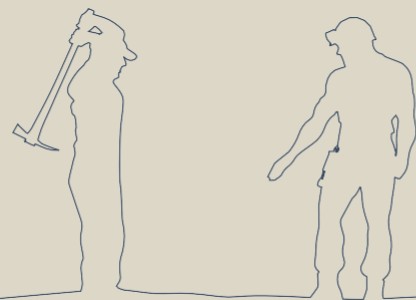


AIA Engineering Limited



Welcome to AIA Engineering Ltd. Vega Industries

Global Leaders in High performing and sustainable grinding solutions.





MISSION

To be the leading solutions provider in our space



VISION

To be the No.1 Global Supplier of our core products



Ownership



Adaptability



Drive



Team Work



Trust



Mutual Respect



Engage



Service Oriented



Cost Conscious



Our Journey

A history of more than 4 decades of providing profitable, productive and sustainable solutions

1978

A company named Ahmedabad Induction Alloys Pvt. Ltd. was inducted by M r. Bhadresh K Shah.

1979

Commencement of manufacturing for wear parts for Cement and Power

1985

Started production of high chrome grinding media

1989

Began producing high chromium liners, level control diaphragms, and other diaphragms

2005

AIA Engineering Ltd. got listed on Indian Stock Exchanges

2003

AIA Engineering Ltd. incorporated Vega ME as a wholly-owned subsidiary

1996

Received ISO 9001 : 2015 certification of Quality Management Systems

1991

Ahmedabad Induction Alloys Private Limited was amalgamated with the Company, AIA Engineering Ltd.

2008-2017

Establishment and expansion of Manufacturing facilities

Developed mill lining solutions for mines

Expansion in production capacities upto 450,000 MT

Undertaken clean energy initiatives, generating 31.8MW wind energy and 5.58MW solar energy, taking total renewable energy capacity to 37.38MW

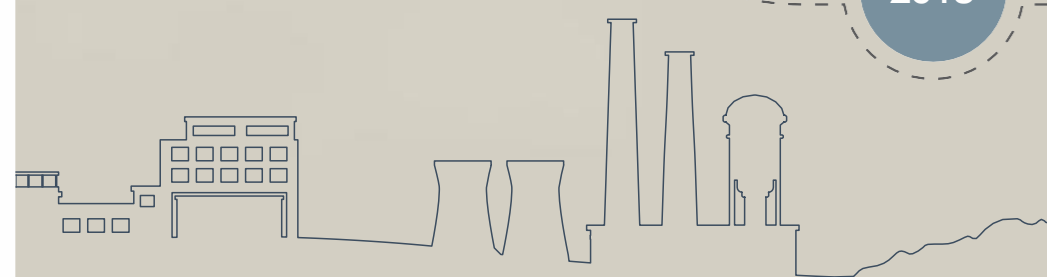
2018

2019-2021

Installed 8 wind turbines of total 2.1MW each

2022-2023

Towards a better tomorrow



Financials

At AIA Engineering Ltd. /Vega Industries we are committed to ethical practices, responsible and sustainable growth in line with our organization values as well as our shareholder's interest.

Our progress reflects on our innovative and customer centric approach, which is not only profitable but also sustainable.

USD 602.44 million

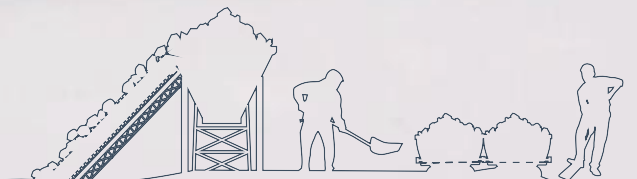
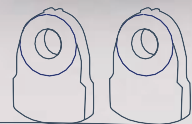
SALES
(2022-2023)

USD 183.69 million

EBIDTA in 2022-23

USD 3,408.79 million

market capitalization as on
31st March 2023



Experience and Expertise

Leveraging our global presence, specialized production centres and best in the class domain knowledge, AIA Engineering Ltd. Mega Industries has earned its customer's trust and patronage. Our market credentials showcase the scale and diversity of our products and solutions.

2.2 Million Tons
of High Chrome Grinding
Media in operation

350,000 MT
of High chromium
liners installed

1050 ball mills
retrofitted with
improved performance

1500
diaphragms installed

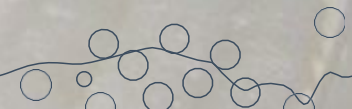
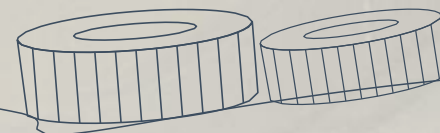
220,000 tons
of High chromium and
Composite Vertical Mill parts

1,650 Raymond mills
retrofitted with
improved performance

6,400 mills
studied and audited

90 service
and installation engineers

Global rate
contracts with leading Cement,
Mining and Thermal Groups.



Facts in Brief



6

Manufacturing
Clusters



1300+

Employees



50+

Basic alloys



200+

Sub alloys



250+

Engineers &
Technicians



120+

Countries



10+

Subsidiaries &
Resident Offices



4000+

Customers



Industries Served

Serving end to end productivity and sustainability solutions across diverse industries



Mining

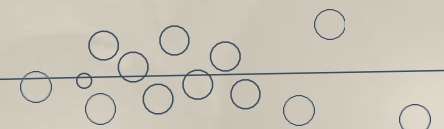
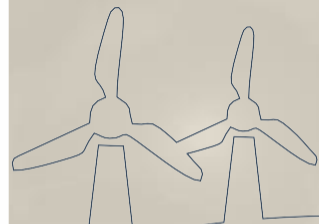
Grinding of mineral ore before processing for separation of different materials

Cement

Grinding of Limestone and Clinker

Quarry

Crushing of aggregates



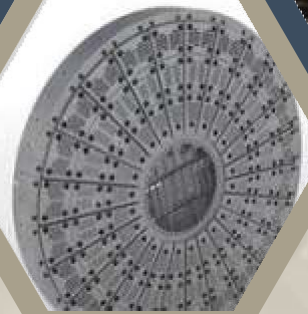
Product Portfolio

Innovative Wear Resistant Mill Internals

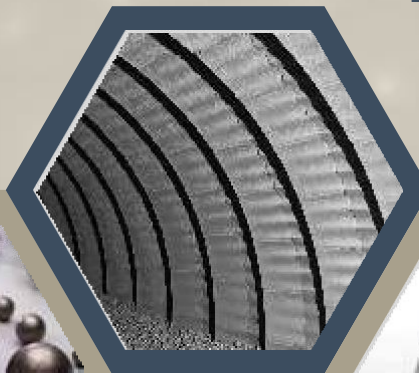
High Chrome Grinding Media



Diaphragm



Tube Mill Liners



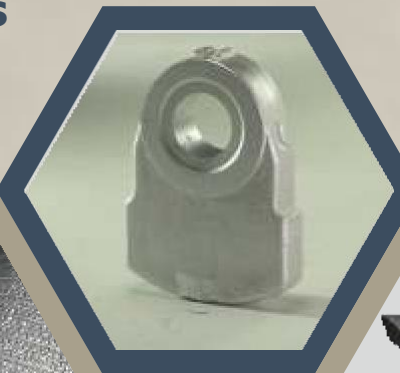
Mining Liner



Vertical Mill Liners



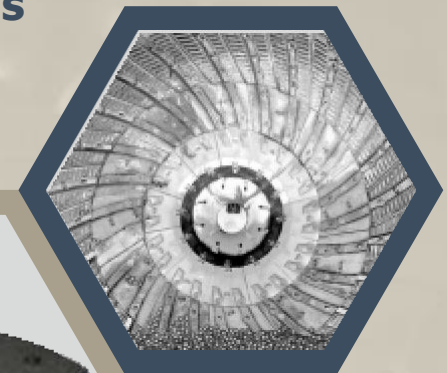
Blow Bars / Hammers



Vertimills



Pulp Lifters

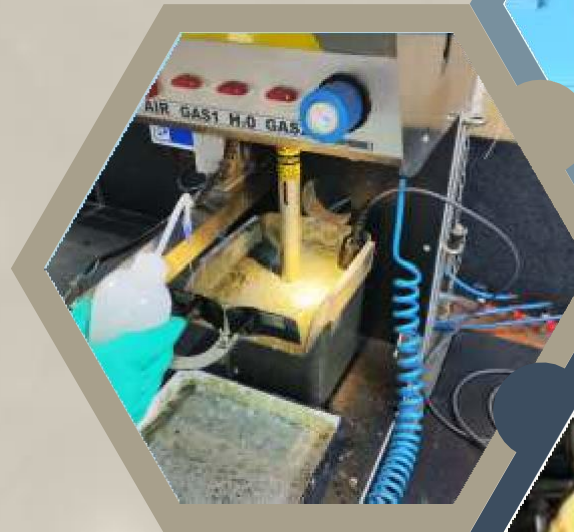


Service Offerings

Reliable and Efficient Broad Service offerings that you can trust

Ball Size optimization

Pilot-scale mill test-work to optimize the ball size for each application resulting in optimized energy consumption.



Ore Grindability

Determining BWI using Bond's Work Index mill to estimate grinding mill related parameters.



Installation Support

On-site support with an experienced engineer for every site to achieve timely installation

Mill Audits

Regular mill audits to look at opportunities for improved grinding efficiencies and optimized operating parameters



Liner Wear Monitoring

Periodic scanning to monitor the wear profile for maintenance schedules planning and design modifications for liner life improvement.

Alloy optimisation for improving metal recoveries

Flotation performance improvement through research and testing to arrive at optimal high chrome alloy coupled with tailor made operational conditions to amplify metal recovery



MILLART – Mill Grinding & Advanced Recovery Technology

Solution from Grinding to Flotation

VEGA is the only company globally that offers MillART which is an innovative and holistic solution resulting into improved liner life, better mill output, energy savings and mineral recovery benefits.

Leverage MillART to your advantage -



Improved Lifecycle -
Optimized design of
Liners



Increased
Throughput -
EEPL



Grind Circuit
Optimization



Liner Wear
Monitoring



Guaranteed
Fitment and
Installation Support



Selection of
Grinding Media
Alloy for superior
wear performance



Selection of Grinding
Media to Improve
Mineral Recoveries



Ball Size Optimization
Test Work and Ore
Grindability Test to
Optimize Grind

Guaranteed results with testimonials from our customers

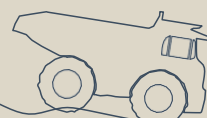
Mill Liner Life
Improvement
Upto 50%

Mill Throughput
Improvement
5 - 20%

Mill Energy
Reduction
25 - 40 %

Mineral Recovery
Benefits
2 - 4%

Contact VEGA specialists for a Mill Audit of your plant today!



OUR INFRASTRUCTURE

State of the art Manufacturing facilities that help you
save energy and make your processes cost efficient



Maintaining optimal potential

Production Excellence to support your operations

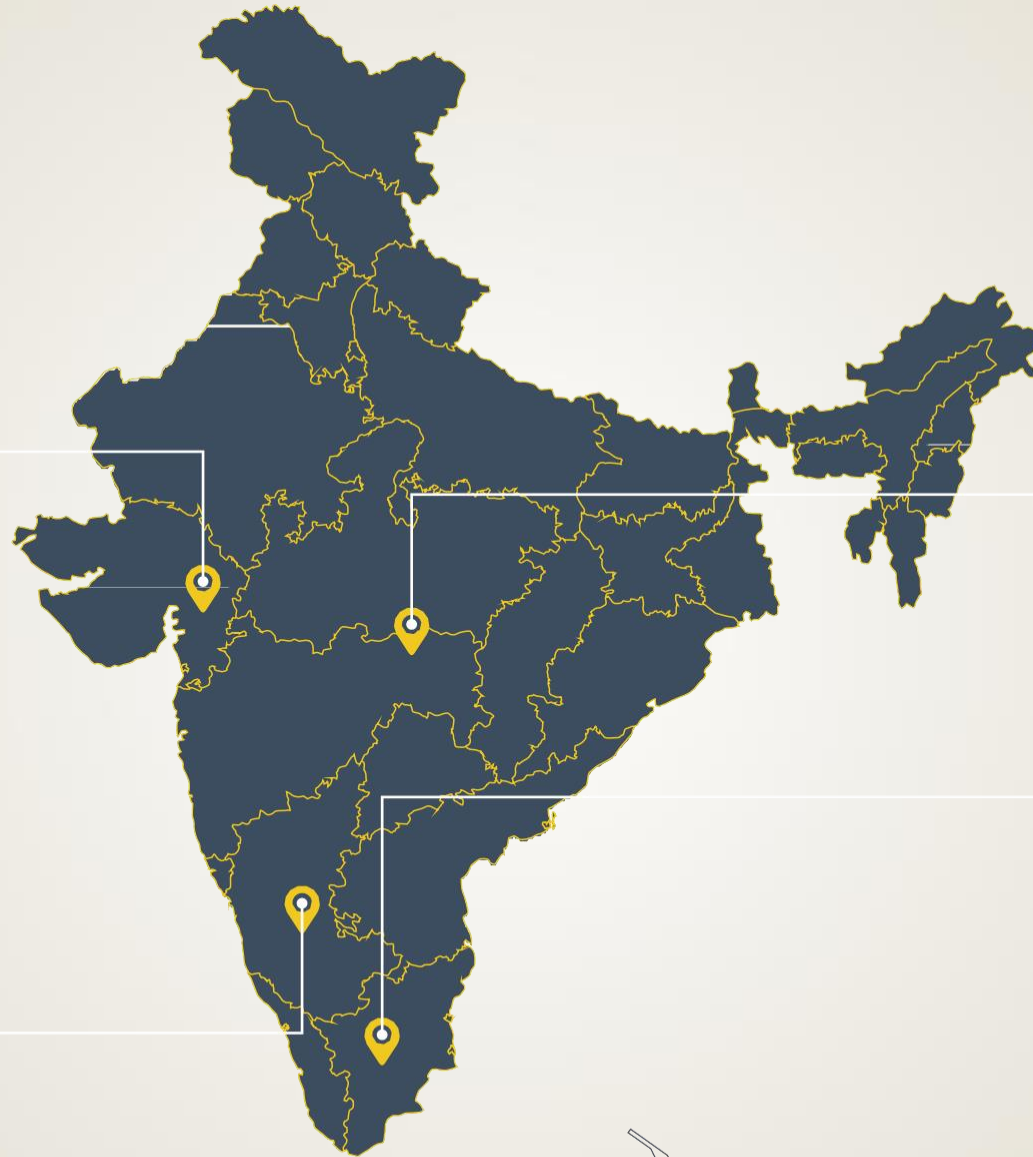
Total Production Capacity
Grinding Media - 340,000 MT
Castings - 110,000 MT
Grinding Media
(Expansion) - 80,000 MT

AHMEDABAD

NAGPUR

BENGALURU

TRICHY



Logistics Network

Serving you anywhere, anytime

Subsidiaries and representative offices

USA
UK
UAE
Australia
South Africa
China
Chile
Indonesia
Ghana
Peru

Logistic Network Warehouse

South Africa
USA
UK
Netherlands
Australia
Ghana
Chile



120+
Countries

130+
Ports

Focused team
of experienced
Logistics Personnel

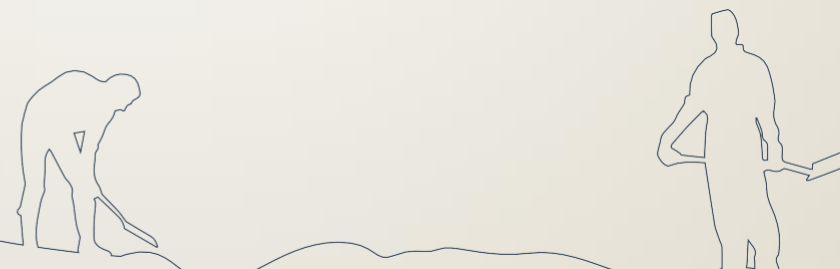
Direct Contracts
with shipping lines

Environmentally
compliant **Packing**

Meticulous
documentation

More than
10 Warehousing
and Distribution

Robust
Product Packing





Environment Health and Safety

As a socially responsible company, AIA Engineering Ltd./ Vega Industries believes in giving back to the society. The company creates a positive impact and provides inclusive growth within the communities, in which we work.

Leading towards Sustainability, Environment and Safety goals

Our stakeholders health and safety is our priority. Our production environment and facilities too, follow strict adherence to environment, health and safety compliances at the work place.



Working safely is a condition of employment



All injuries can be prevented



Employee involvement is essential



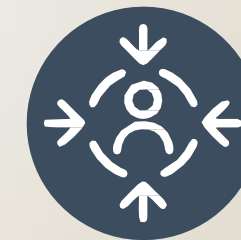
Effective training to employees for working safely



All operating exposures can be safeguarded



Controlling risk and ensuring health and safety is a key part of every decision

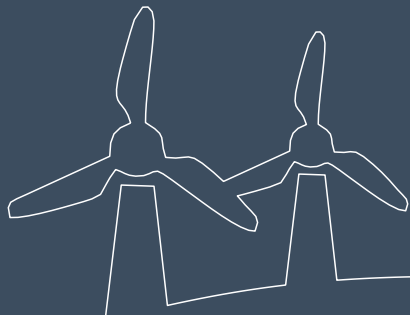


Workplace health and safety is everyone's responsibility



Sustainability

AIA Engineering Ltd. / Vega Industries is serious about sustainability and takes active measures to make its operations sustainable and environment friendly. As a business that works closely with Natural Resources, we realize that the only way to live is by following the golden rules of Conservation- Reduce, Reuse and Recycle.





Circular Economy

Reduce the waste from our operations and synergize with Responsible waste management.

Reuse of Foundry –
Dust/Sand & Plastic bags to make Eco-friendly Bricks/Paver blocks

Reuse of Foundry Sand in Cement Kiln - **Co-processing**



Water Management

FY. 2022-23
Total Water Recycled
23.5%

Our strategy
Reducing the per capita consumption of water through operational efficiency, recycling and reuse of water, and rainwater harvesting to recharge groundwater levels.



Renewable Energy

17.3%
Total Electricity Requirement through renewable energy sources in 2022-23

AIA Engineering has undertaken clean energy initiatives, generating 31.8 MW wind energy and 5.58 MW solar energy, taking total renewable energy capacity to 37.38 MW



Tree Plantation

Tree Plantation during the year
100,000

Another major initiative of AIA Engineering Ltd. is protecting the environment and reducing carbon footprint. The Company has undertaken initiatives such as 'Plantation' and 'Reclamation of Land' and successfully planted 100,000 trees during the year.

A better world for all...

Making the world a better place by enriching lives, transforming communities and protecting the world we live in by inspiring AIA Engineering Ltd. and VEGA Industries initiatives to do more.



Education



Health



Environment



National Heritage



Plantation



Sports





AIA Engineering Limited

