

TANKS, PRESSURE VESSELS & SILOS



Your single source for an across the
range of custom made tanks & silos



Tanks, Pressure Vessels & Silos

AIMC manufactures a wide range of custom designed and OEM tanks, large & small from Atmospheric types, through to fabrication and welding, of fully ASME & NB code tested and certified Pressure Vessels and Heat Exchangers.

Structural materials include all grades of Carbon and Stainless steels, High Strength and various other Alloys for diverse industries up to precision micron surface finishing appropriate to Food & Beverage Grade Standards.

Applications for tanks and pressure vessels by AIMC include:

- Oil Refinery processes
- Oil Storage, prefabrication with onsite assembly
- Offshore Platforms
- Liquid Gasses, e.g. LPG
- Chemical Processes
- Expansion Tanks
- Media Filter Tanks
- Blow Down Tanks
- Condensate Knock Out Tanks
- Air Receivers
- Stainless Steel Heat Exchangers
- Effluent Transport
- Fuel Storage Vessels
- Road Tankers
- Stainless Steel Hot Water Storage
- Steel Tanks & Pressure Vessels for activated carbon adsorber units
- Water Treatment Vessels
- Water Transport and Storage Tanks

Configurations:

- Horizontal & Vertical
- Manhole Inspection plates
- Multiple Nozzles
- Valves, Manual & Automatic
- Vents & Drains
- Sight Glasses
- Lifting Lugs

Silos:

- Storage Silos and Bins are manufactured for diverse applications, from containing industrial raw materials, to bulk food and beverage processing and dry cereal storage.

Design Support Services:

Tank - Vessel Process Engineering

- Process Flow Diagrams
- Water Treatment Tank Design
- Filtration Tank Design
- Adsorption Technologies (Air, Water, Process liquids and gases)

Tank - Vessel Mechanical Engineering

- Coatings expertise
- ASME support & compliance
- AUTOCAD 2013
- TEKLA 2013 Design Software
- Openings: Careful focus on ASME codes relating to overlapping limits of reinforcement in relation to nozzles, manholes, inlets & outlet vent positioning.

Project Management

- Design Review
- Scheduling
- Submittals
- O&M Manuals

Manufacturing Equipment:

- AIMC uses state of the art cutting, forming, fitting, welding, testing, blasting and finishing equipment to craft vessels

Turnkey:

Seamless turnkey installations with combined multiple processing tanks, pressure vessels, heat exchangers, silos with interconnecting pipelines and all types of control equipment can form an integral part of our brief.



ENGINEERING YOUR SUCCESS THROUGH QUALITY AND INNOVATION



Our Certification



**BUREAU
VERITAS**

Quality Management
System ISO 9001:2008



AIMC activities meet
the requirements of the
National Board



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AIMC undertakes projects ranging from Design, Fabrication, Assembly, Testing and Installation of Coded Pressure Vessels, Power Boiler Assemblies and Pressure Piping which meet the requirements of the ASME Boiler & Pressure Vessel Code.



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