



PT. ARINA VERITAS NUSANTARA
Your Construction Solution

COMPANY PROFILE



Certified ISO 9001



ACCREDITED
MSCB-132



MEMBER OF MULTIRATOS
IAF
INDONESIA ASSOCIATION
OF CERTIFICATION BODIES

ISO 45001:2018
QHS Management
System



ACCREDITED
Management System
Certification Body
MSCB-154



OUR PRESENCE

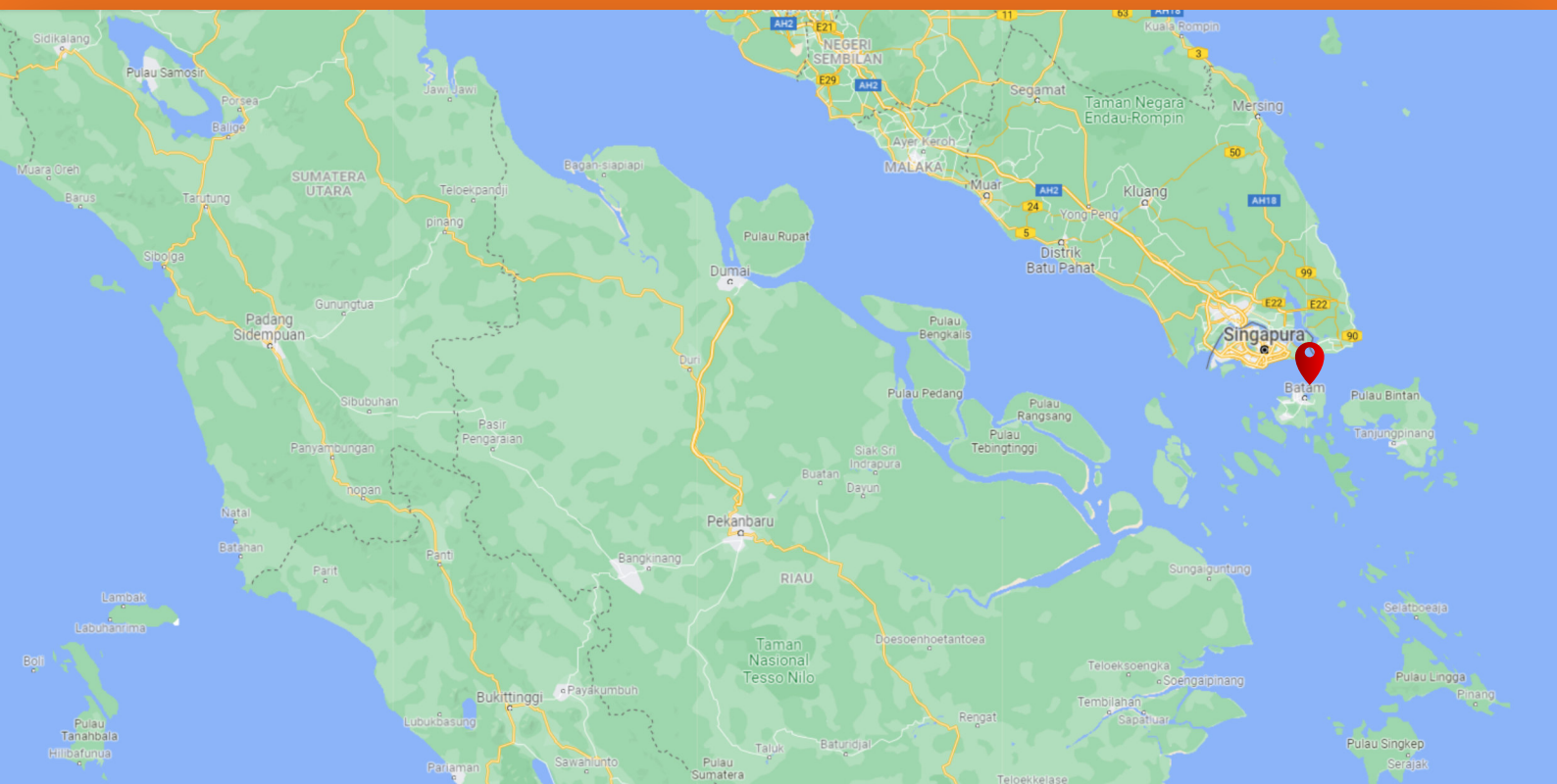
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INTRODUCTION

PT Arina Veritas Nusantara (AVN) established to provide project and technical services to the construction industry. As one of the leading companies, AVN provides site engineering, procurement and construction services to Main contractors and Subcontractors, Engineering companies, Fabrication companies and Utility companies throughout the Indonesia.

AVN provide integrated Construction services to the Oil and Gas and Construction industry along with other associated sectors. Employing state of the art and innovative technology in the field and office alongside traditional construction techniques and teams of qualified and competent engineers/workers, we are able to channel our extensive expertise to our customers.

AVN is fully committed to customer service. It is the aim of the company to ensure all projects undertaken achieve the highest standards of safety, reliability and operational integrity.

AVN recognizes and implements the requirements of **ISO 9001:2015 Quality Management Systems** for quality assurance in production and installation.

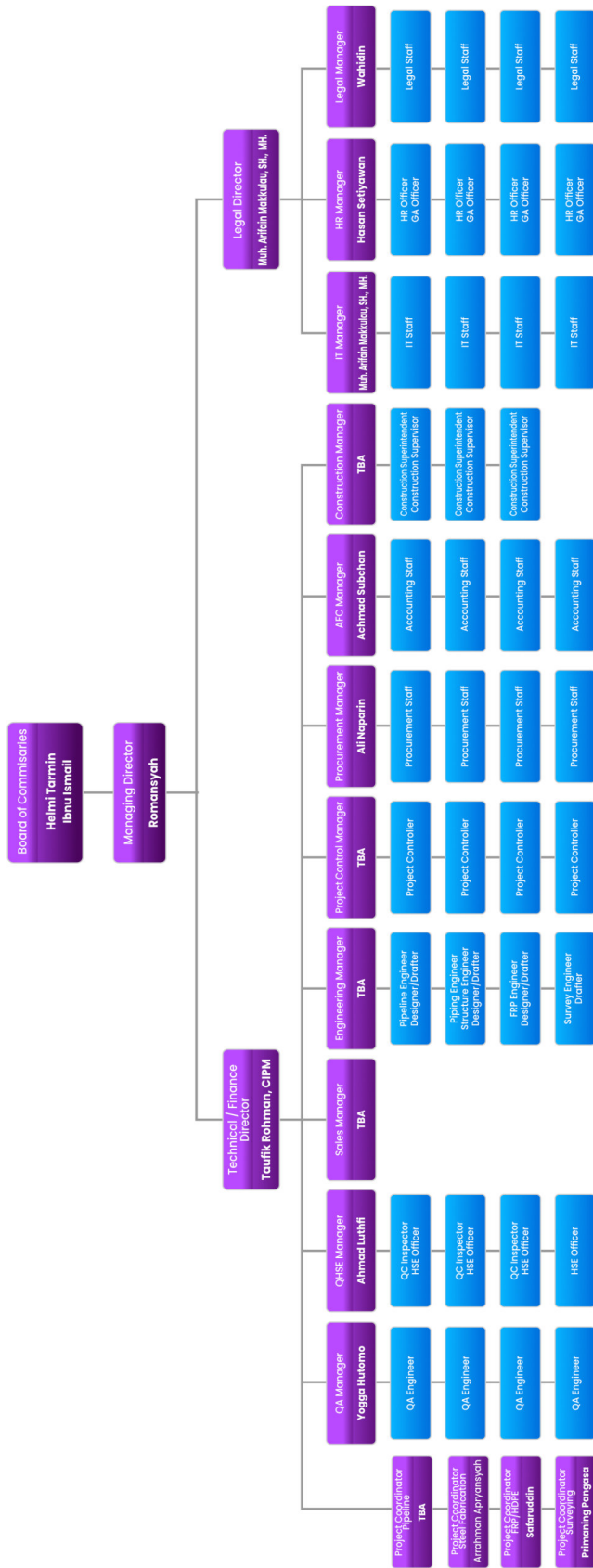
AVN acknowledge the importance of Health, Safety and Environment in work, therefore we have implemented **ISO 45001: 2018 Occupational Health and Safety Management Systems** in every aspect of our company's operations.

INDUSTRIAL SECTORS SERVED:

- Onshore & Offshore
- Oil & Gas
- Condensate Fields
- Marine Industry
- Coal & Gas Fired Power Stations
- Petrochemical Plants
- Civil Contracts



ORGANIZATION STRUCTURE





SCOPE OF SERVICES

Engineering Services

- Steel Fabrication Detail Drawing
- Pipe Spool Fabrication Drawing

Survey for Land, Oil & Gas Construction

- Land Survey
- Dimensional Control Surveying
- 3D Laser Scanning

Procurement Services

- Pipes, Flanges & Fittings
- FRP Structural Products (Grating, Ladder, Cable Tray, etc.)

Construction Services

- Supply of Manpower
- Ship Building and Repair
- Civil Works
- Fabrication & Installation
 - Steel Piping
 - Fiber Glass Piping (GRP, GRE, GRVE)
 - Fiber Glass Grating
 - HDPE Piping
 - Structure
 - Pipeline
- Blasting and Painting
- Mechanical Equipment Installation (Pump, Pressure Vessel, Heat Exchanger, Tank)
- Electrical and Instrumentation
- Pigging, Hydrotest and Commissioning

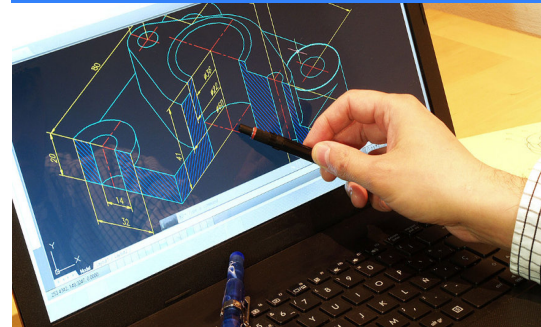
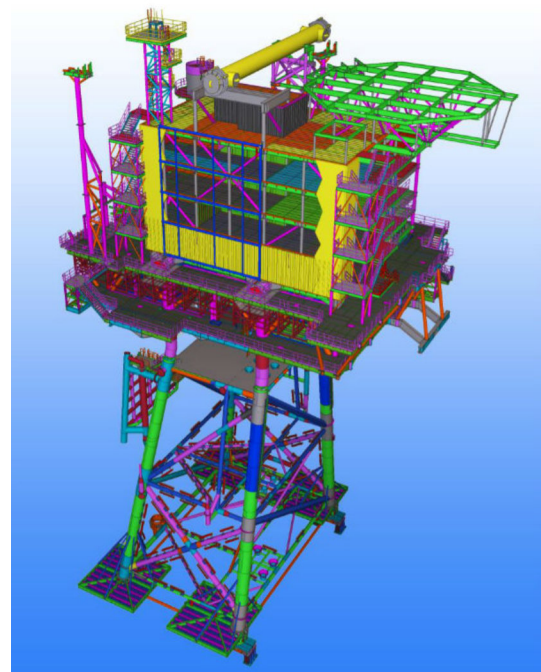


ENGINEERING SERVICES

Our main objective is to provide Structural / Piping / Mechanical Design & Drawing services with tested and proven capabilities in Computer Aided Design, 3-D Modelling, Drawing Extraction, Editing, Material Take-off, As-Built Documentation.

We have dedicated team of engineers, draftsmen & checkers to provide exclusive design and detailing support to structural fabrication/erection companies and consultant engineers in the preparation of design drawings, workshop drawings, erection drawings and the associated material lists with utmost consideration for the exactness in member size, material, location, connection and surface condition.

We have acquired expertise in the usage of the latest techniques in the construction industry by working alongside the international clients and have possession of the best CAD software licenses such as TEKLA Structures and AutoCAD.



DIMENSIONAL CONTROL

AVN have provided a dimensional control service to the petrochemical industry, both onshore & offshore in the construction of jackets and topside facilities.

The dimensional control aspect has been developed to encompass survey work on online tanks, columns, vessels etc; for modification and replacement in the chemical production sector.

Dimensional control applications:

- Topsides & Jacket Fabrications
- Existing status surveys of current facilities with the data exported to 3D models
- Ship repair/ build involving hull alignment surveys
- Fabrication surveys for steelwork and pipe work surveys
- Alignment surveys to help align towers and platforms
- Clash surveys for the replacement of components or installation of new equipment

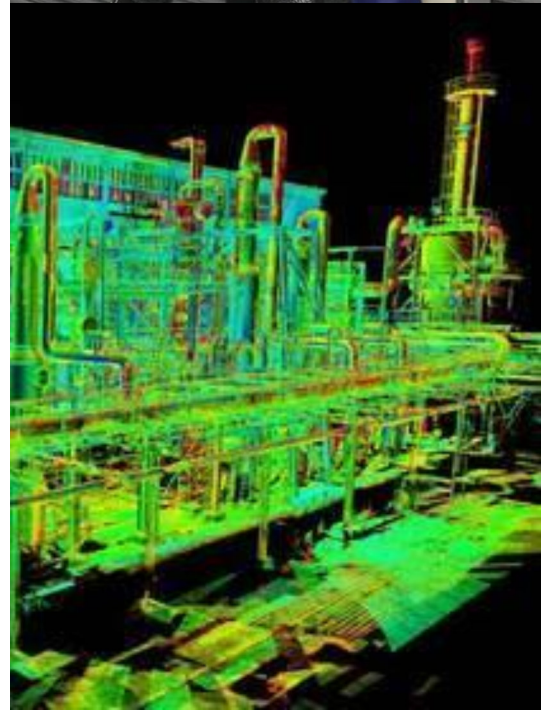
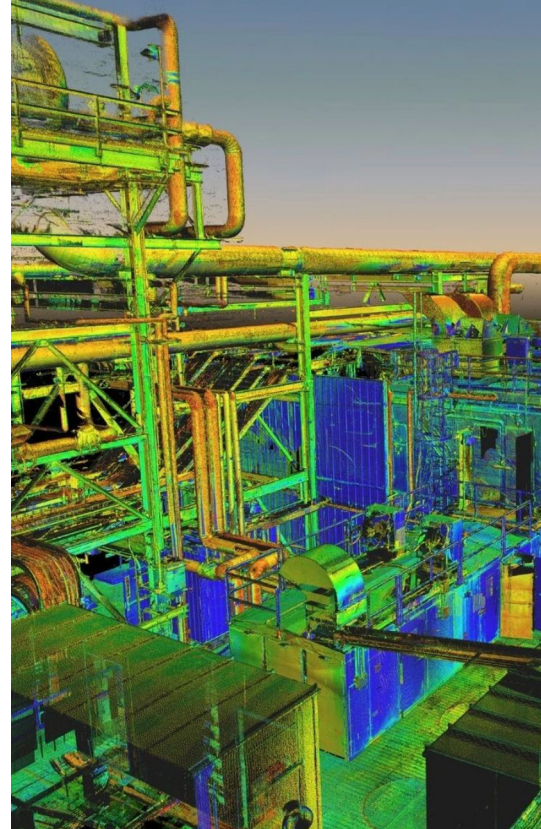


3D LASER SCANNING

- AVN use the latest laser scanning instruments which collect millions of measurements in three dimensions (x, y, z) called point clouds. The result is an organized 3D digital representation of a subject which is delivered quickly, efficiently and accurately.
- Real-time access to this data can provide critical measurements instantly, or once post-processing techniques are applied, can provide the measurement platform to extract 2D drawings, 3D models or Building Information Modelling deliverables.
- Scanning of large or distant objects: Due to the extra-long range of the instruments used, all kinds of high, long or difficult to access objects can be easily scanned and analyzed.
- Project supervision: Whenever there are excavations, bridges, towers, open-pit mines, roads, railways, reservoirs, dams, pipelines to be built, there is a need for close monitoring of the individual project phases to meet the project's requirements.
- Deformation monitoring: Determining if the surveyed structure or object is changing shape or moving. Saves time and rework during construction.

“Perfect Solution for 3D Documentation and Surveying”

- Quality control: Precise laser scanning ensures that the final as-built condition fit design intent and minimizes the chance of potential problems
- Extreme time savings and high fidelity for 3D documentation of complex factory and plant installations
- Risk minimization in brownfield projects where access is difficult or expensive and where schedules are tight



LAND SURVEY

Mapping projects in support of planning, engineering and design are implemented and completed by our professional's surveyors which decades of experience in land surveying.

- Topographic Survey
- Mining Survey
- Stockpile Volume Survey
- Construction Survey
- Pipeline Survey
- Geodetic Control Network
- Deformation / Slope Stability Monitoring
- Aerial Terrain Mapping
- Disaster Site Mapping



PIPELINE

Our services for Onshore (above ground & underground) Pipeline include:

- ROW Clearing
- Stringing
- Trenching
- Auger Boring / HDD / Manual Boring
- River Crossing Construction
- Civil Works
- Pipeline Welding
- Pipeline Coating
- Pipe Lowering and Backfilling
- Cathodic Protection Installation
- Pigging
- Hydrotest
- Commissioning
- Reinstatement



STEEL FABRICATION

AVN help client to deliver project by providing services for steel fabrication works.

Our fabrication service includes:

- Skid / Module / Topside Structure
- Offshore Jacket Structure
- Pipe Spools
(Carbon Steel, Stainless Steel and Exotic Materials)
- Tank
- Workshop
- Ship Building & Repair



FRP FABRICATION

AVN offers client to deliver project by providing high quality services for Fiberglass Reinforced Plastics (FRP) works supported by experience competent personnel.

Our services include:

- **FRP Piping (GRP, GRE, GRVE)**
 - Provide Certified Bonder, QC Inspector and Supervisor as per ISO 14692
 - Pipe Spool Fabrication & Installation
 - Flange Management
 - Hydrotest
- **FRP Grating & Others Structural Flooring**
 - Service Risers
 - Rooftop Access
 - Access Platforms
 - Trench Covers
 - Structural Stair Treads
 - Track Pans
 - Ladder & Handrail





HDPE FABRICATION

AVN provide a complete line of construction services that include HDPE Welding and Installation.

HDPE stands for High Density Polyethylene, and as a product it is very technical in terms of fabrication and installation. HDPE requires experience and know how, of which AVN has a lot. The welders at AVN are fully capable of welding and installing pipes that are made from HDPE.

Our services include:

- Drinking Water Supply Systems
- Offshore Structure Protection
- Storage Tank Foundation

With the unique properties of HDPE pipes, the construction process is critical. Many times, these pipes are carrying fluid that should not be released into the environment. That is why construction and fitting should be handled by a company with experience and knowledge to do the job right. AVN has a qualified staff of certified welders for all types of pipe fitting, and installation. The engineers at AVN are experienced in designing piping systems. The quality of a pipe weld is directly related to the skill of the welder. All of the AVN welders are certified.

OUR CLIENTS



PT Saipem Indonesia



PT McDermott Indonesia



PT NOV Profab



PT Mencast Offshore & Marine



PT Seloko Batam Shipyard



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