

PT. GUNANUSA UTAMA FABRICATORS

Head Office:

South Quarter Building, Tower A, 16th Floor
Jalan R.A Kartini Kav. 8, Cilandak Barat.
Jakarta 12430 – Indonesia

P : +62 21 5703329
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E : bidding@gunanusa.co.id



ISO 9001:2015
No. 0044854



ASME STAMP U & U2
No. 55728 No. 55729



ISO 14001:2015
No. S4B 00130



ISO 45001:2018
No. EMS 00079



ISO 54001:2015
No. OHS 00024



SMK-3
REG. SMK-3 2021
No. 002-0245-DK
No. 002-0245-DK
No. 002-0245-DK



ISPS CODE
No. 002-0245-DK



BONDED ZONE
No. 002-0245-DK

Gunanusa Yard :

Desa Margasari, Pulo Ampel, Serang,
Banten 42455 Indonesia

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provides project management, engineering, procurement, fabrication, construction, installation, hook-up and commissioning services for both offshore and onshore projects in oil and gas as well as other heavy engineering structures.



Founded in 1980, Gunanusa commenced operations in 1983. Since then, it has secured work not only from the Indonesian market but also from overseas such as Thailand, India, Myanmar, Brunei and USA.

Gunanusa has been certified ISO 9001-2015 for quality management system, ISO 45001:2018 and SMK3 for health, safety and welfare management system and ISO 14001-2015 for environmental management system.

ENGINEERING

The core of Gunanusa engineering team is a group of senior engineers from various disciplines (structural, piping, mechanical, electrical and instrumentation) with at least 10 years experience in oil and gas offshore and onshore field.

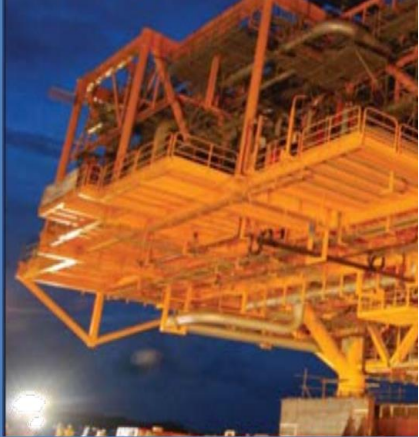
During the bidding stage, the engineering team supports the bidding team by preparing Materials Take Off / Bill of Materials and Materials Requisition (RFQ), as well as by providing technical review of the project specification.

The construction engineering team at Gunanusa yard performs the preparation of fabrication and construction drawings which provide the base for fabrication work.

For load-out activities, the engineering team undertakes structural and ballasting calculations to ensure the smooth and safe operation.

For detail engineering, we are supported by well known and reputable engineering firms who have worked with us for many years.

Gunanusa utilizes a number of engineering software namely SACS (structure), Caesar (piping), PDMS, PV Elite (pressure vessel),



Finglow (pressure vessel), Autocad LT 2018 (Drawing 2D), Autocad LT Mech. 2018 (Drawing Mechanical), Autocad 2018 Full 3D (Drawing 3D), PIMS (Precommissioning), Staad Pro Connect Edision (structure), Nozzle, Traceability System (Document Management System), SCIA (structure), Finglow (pressure vessel).

We also have a comprehensive engineering library for documentation of engineering references like procedures, standards, drawings and etc for speed up the engineering process.

PROCUREMENT

Procurement department ensures the material purchase, timely delivery of materials and information between vendors and projects, including shipping arrangement, custom clearance, materials handling activities, local/inland transport and ware-house storage. Procurement engineering also provides technical backup for materials and equipment package to meet clients' requirements and project specifications.

Gunanusa synchronizes its supply chain management by using its own Enterprise Resource Planning (ERP) software (Microsoft Dynamic Axapta), which coordinates and provides real-time information to monitor schedule, materials take-off, purchase requisitions and warehouse inventory.

To monitor the progress of overseas procurement, we use the services of the International third party inspection companies, such as Moody International (Asia), DNV, Lloyd Register to ensure that all the procured items meet project specifications





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FABRICATION & CONSTRUCTION

Gunanusa's reputation in the oil and gas field is built by years of fabrication experience, delivering more than 100 offshore platforms, also completed and delivered a number of onshore plants on turnkey basis to customer in Indonesia.

Nearly all of the structures are built at Gunanusa own fabrication yard, located 120 km west of Jakarta. The yard occupies an area of 18 ha with an 800 m water front to accommodate two jetties, each with 10,000 ton load out capabilities.

Every structure build at our fabrication yard is custom fabricated by dedicated engineers determined to do their best to fulfill customers needs and schedule.

The Javanese tradition heritage in fine craftsmanship manifested in our platform building which confirm to the highest international standards. The same skills and attention to details commonly found in Javanese craft and architecture are now applied to the fabrication of oil and gas platforms using modern materials like Duplex Stainless steel, Fiber-reinforced epoxies and other exotic modern materials.

From material received to material identification, from shop drawing to structural works, from erection and assembly to commissioning our engineers and technicians are working hard to ensure that we deliver in accordance with specification requirements and on the agreed schedule to our customers.



Gunanusa Yard is Custom Bonded area where oversea vendors/clients can deliver the material directly to the yard and do the clear customs formalities therein.

Gunanusa yard is a fully equipped fabrication facility, with proven track records of delivery of 25,000 tones of various modular fabricated structures and have had 6,500 personnel working at peak period.

A dedicated workshop for welding of exotic materials like stainless steel, duplex, super duplex and CuNi complements the yard facilities along with assembly and erection areas, and a welding school (for training and certification).

The yard has several heavy duty vehicles and equipment, 8 to 250 tones cranes (overhead, cherry picker, crawler crane), welding machines, air compressors, generators, trailers, forklift, winches, tools, etc.

Fabrication Yard Facility

Total Area:	178,000 SQM
Annual Production:	20,000 ton
Office Area:	2,000 m2
Bearing Capacity:	37 MT/SQM (Average)
Workshop Area:	12,000 m2
Painting Area:	8,000 m2
Automatic Blasting Painting Chamber with Dehumidifier	<ul style="list-style-type: none">2 sets of 25m x 20m = 1,000 m²2 units Gantry Crane 10 Tons
Major Fabrication Facilities & Heavy Lifting Equipment	<ul style="list-style-type: none">Crawler Crane 150 MTCrawler Crane 250 MTCrawler Crane 280 MTRough Terrain Crane 45MTRough Terrain Crane 70MTMan-lift 3 paxCNC Tubular Cuts Machine (HGG)CNC Plate Cutting Machine 150 MM Thickness (ESAB)3 Units of Bending Roll Machines<ul style="list-style-type: none">No. 1 Thickness 48mm x 3 mNo. 2 Thickness 25mm x 3 mNo. 3 Thickness 70mm x 3 m
Power Sources (Grid Line PLN)	1,730 Kva
Generators:	
Emergency Generators:	

Jetty

Jetty I		Jetty II
10,000	Module Weight (ton)	10,000
300	Skid Way Length (m)	153
7.5	Water Depth (m)	7
250	Single Point Load	250
550	Skid way (ton/m)	550
	Jetty tyip (ton/m)	
1.2	Tide Variation (m)	1.2

Water front 800m

Storage Capacity

Warehouse	2,500 m2
Open Storage	40,000 m2
Air condition closed warehouse	275 m2
Equipment Storage	53 m x 19 m



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INSTALLATION & HOOK-UP

Our experienced engineers is capable of performing offshore and onshore hook up and installation, supported by versatile marine spreads, equipment, tools, consumables, utilities and other resources required for site work.

For shallow water installation, Gunanusa uses the float over method. The barge, with full-loaded deck, is positioned above the site and lowered by using high capacity ballast pumps and taking advantage of local tide.

For open sea installation Gunanusa would cooperate with Client approved offshore installation company. Through years of working at the customers' premise, Gunanusa has become very adept in the hook-up process.

PRE-COMMISSIONING & COMMISSIONING

Our team are specialized to perform pre-commissioning/commissioning activities such as megger and continuity test, hydro-test, dielectric test, valve functional, leak test, gauge and transmitter calibration, safety valve test, cold and hot loop check, system functional test (with assistance from control system sub-contractor) and mechanical equipment running test. test and up to Compressor running test and string test.



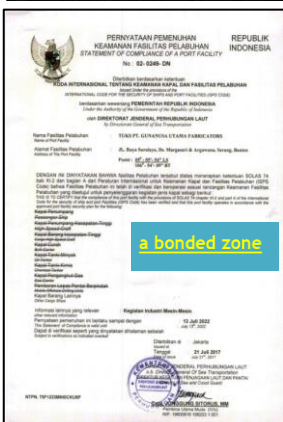
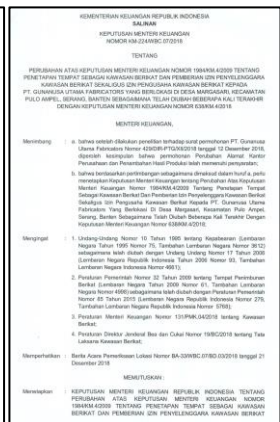
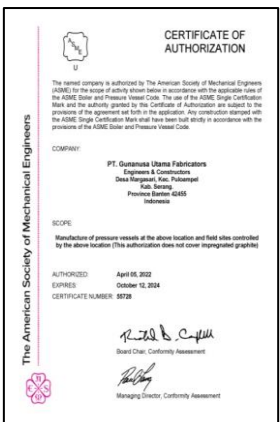
Pre-commissioning, Commissioning activities and start up activities will directly influence the ultimate success of an entire project.

Proper knowledge, planning, qualified personnel, experience are the keys to avoid delays, cost overrun and potential safety hazards.

Gunanusa continuously enhance our Pre-commissioning and Commissioning Personnel knowledge and skills, they are trained to operate all kinds of Pre-commissioning /Commissioning tools and equipment.

Gunanusa has a dedicated team to perform pre-commissioning, commissioning and assist for start up. They work closely with design engineers, construction and field engineers to develop effective, safe and efficient start-up plan for offshore or onshore project.

Our team will be on site to coordinate and perform all pre-commissioning/ commissioning based on the plan.



Certifications





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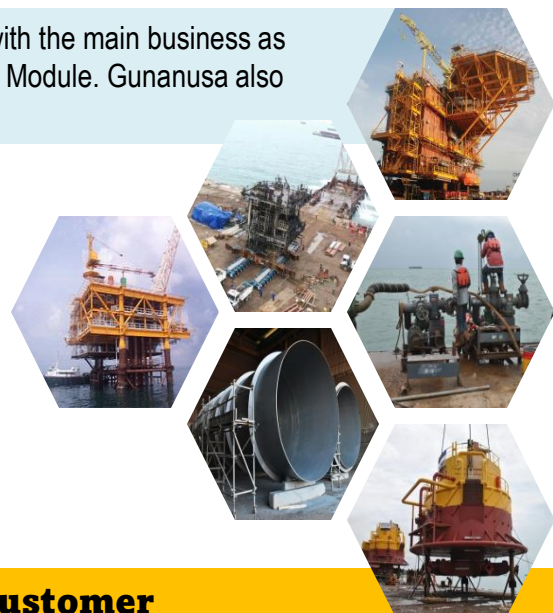
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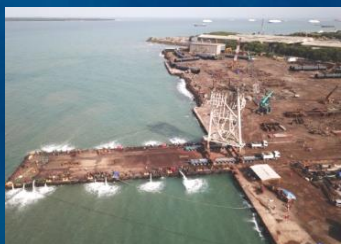
PT Gunanusa Utama Fabricators (Gunanusa) was founded in 1981 with the main business as EPCIC Contractor in Oil and Gas for Platform, Jacket, Piles, deck and Module. Gunanusa also provide some additional services, such as but not limited to:

[PRODUCTS & SERVICES]

- Topside, Jacket, and Piles Oil & Gas Platform
- Ballasting Pump Services
- Rigging Equipment
- Tension and Torque
- Rolling Plate for Pressure Vessel, Tank and Tubular
- Extra Ordinary Piping Fabrication and Erection
- Heavy steel structure for Infrastructure Project
- Brownfield Modification Services
- Fabrication for Pressure Vessel ASME Stamp



GUNANUSA SERVICES | additional benefits for Customer



BALLASTING PUMP

We are ready to support our client for Load out and load by reliable Ballasting pump to be installed on the Barge



RIGGING EQUIPMENT

We have rigging equipment ready to support your activities for heavy lifting and Pulling , such as Snatch Block, various shackles and winch

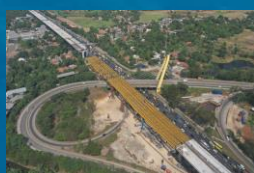


PIPE MANUFACTURE, EXTRAORDINARY PIPING FABRICATION & ERECTION

Super Duplex, Cupper Nickel and Stainless Steel



Gunanusa business management system is certified to ISO 9001, ISO 37001, ISO 45001, SMK3 PP 50 Year 2012, ISO 14001, and in the same way, our fabrication yard is certified by American Society of Mechanical Engineers (ASME) to use U, U2 stamps on the boiler or pressure vessel we fabricated,



Heavy steel structure for infra structure Project, such as Long span Girder and Quayside Crane Fabrication



"commits deliver best product and services to reputable clients"