TOGETHER WE CAN DO GREAT THINGS.

# 4R

CUSTOM BUILT TO SPECIFICATION

METAL FABRICATION
AND
EQUIPMENT MANUFACTURING





# WHO IS VANGAR?

# **OUR VALUES**

- LOYALTY
- HUMILITY
- INTEGRITY
- PARTNERSHIPS
- ACCOUNTABILITY

VANGAR, LLC (VANGAR) was incorporated in September of 2018 manufacturing equipment for the oil and natural gas industry focused on production, processing, measuring, and/or transportation. Over the years we have shifted our manufacturing and fabrication expertise to serve many other industries including but not limited to water treatment, construction, agriculture, automotive and heavy equipment repair.

We pride ourselves on accountability, fairness, transparency, collaboration, integrity, and relentless improvement. Whether big or small, on or offshore VANGAR is committed to providing a secure, flexible manufacturing solution for reliable, profitable, and long-term growth. Our industry expertise and manufacturing processes allow us to build quality products efficiently, saving costs and ensuring timely delivery. With appropriate certifications, equipment and an amazing team be assured every step of the process will add value to your product.

# LOYALTY

We are, above all else, loyal. We believe in loyalty to our customers because without them we serve no purpose. We are loyal teammates because they are the ones in the trenches with us fighting for our mission. We are loyal to ourselves and to these core values; because they shape us and define what we believe will make us successful.

# LEAD WITH INTEGRITY

When faced with difficult decisions and hard choices, we do the right thing, even in the face of adversity. We are committed to our values and we protect our company culture through commitment to possessing integrity at an organizational level. Carrying out each action with honestly will foster trustworthiness amongst each other and with our clients.

# **STAY HUMBLE**

We stay humble and practice humility when it comes to our own progress and accomplishments. We are always learning and striving to be better. We know that learning is essential to growing and that our personal growth and performance have a direct impact on the company's growth and performance. We work to get better every day and constantly push ourselves for personal progress and make it a point to never be the weak link on the team.

# **BUILD RELATIONSHIPS**

We work to build positive and fun relationships both internally and externally and we know that the success of the business is built upon this. Quality, positive relationships are what successful businesses and successful people thrive on.

Consistently making efforts to build strong relationships with everyone we encounter creates strong bonds and friendships and ultimately creates lifetime customers and loyalty to the brand. We can lose a customer, but we can never lose a friend.

# **ACCEPT RESPONSIBILITY**

We always accept full responsibility for our actions and performance. When we identify an issue or are given a task, we own that issue or task and see it through to its completion. We don't shift blame. Nothing we are aware of is ever someone else's fault; we always take it fully upon ourselves to make it right.

# "REFUSE TO LOWER YOUR STANDARDS TO ACCOMMODATE THOSE WHO REFUSE TO RAISE THEIRS."

# PARTIAL MANUFACTURING SOLUTIONS

Manufacturing companies looking to outsource certain components to streamline their in-house production and/or have complete units manufactured per their design, VANGAR, LLC has the experience and expertise to handle your small, medium, and large projects. We bring solutions for simple one-off weldments to complex units with hundreds of components. From procurement to installation VANGAR, LLC is at your disposal for any task.

In addition to manufacturing companies, we also provided engineering firms that do not have in-house manufacturing a solution in building their products. We offer to take care of procurement, fabrication, assembly, I&E, paint, testing, and installation of complete skid-mounted modules and equipment. From raw materials to a completed unit VANGAR, LLC can manage the process to efficiently manufacture and ship your product on time.

# COMPLTETE MANUFACTURING SOLUTIONS

VANGAR, LLC provides solutions to end-users looking for new equipment to be engineered and manufactured per their needs. Under our scope, we include engineering and drawings of the equipment; the procurement of all main components and accessories; fabrication, assembly, I&E work, painting, and testing of a completed unit.



# STRUCTURAL SKID FABRICATION

#### What are structural skids?

Structural skids allow mounting of equipment and piping systems to be conducted in a shop environment reducing cost and complexity compared to equipment integration in the field. Structural skids are cost-effective and can be built quickly, from 50 POUNDS to 50 TONS VANGAR, LLC has the capacity and expertise to build your skids.



# Blast and prime skid fabrication.

VANGAR, LLC can blast and prime your unit for corrosion prevention during transport and/or storage before receiving the final topcoat. Another reason why this may be the best option would be to minimize damage on the topcoat causing rework of the paint after preassembly of the complete unit.

# Turn-key skid fabrication.

VANGAR, LLC can provide a turn-key structural skid ready for your equipment and/or piping to be installed upon receiving it optimizing overall efficiency on your project's schedule. Depending on your application we offer a variety of coatings from liquid paints to powder coat.





# NON DESTRUCTIVE EXAMINATION/TESTING

Non-Destructive Testing is the use of different principals to examine welds, castings, forged metals and vessels to see if there are any indications of porosity, fatigue, cracks or other anomalies. Inspection services are performed by experienced personnel who are qualified to ASNT-TC1 standards and possess Level II qualifications for MT, PT, UT, and VT. Some of these techniques might allow for a complete volumetric inspection of an object, while others only allow for a surface inspection.

VANGAR, LLC can arrange any NDT/NDE service to be performed from one item to the entire unit. A certificate of NDE inspection results is provided with each test performed.

# "WITHOUT STANDARDS, THERE CAN BE NO IMPROVMENT"

#### LOAD TESTING

Load test of boxes, baskets, and skids test more than just the pad eyes. By simulating an actual load on the equipment, the strength of the bottom, sides, and overall integrity of the cargo unit is tested. In conjunction with a load test, we may conduct a general visual inspection of the tested equipment, as well as magnetic particle (MT), dye penetrant (PT), or ultrasonic testing (UT) of attachment points and welded joints.

VANGAR, LLC can arrange any load test in accordance with all applicable industry standards such as: ABS, API, BP, BS/EN, DNV, ISO, Shell OPS. A certificate of load test and NDE inspection results is provided with each test performed.



# STRUCTURAL FABRICATION

## Custom and miscellaneous structural fabrication.

From miscellaneous brackets to custom metal fabrications VANGAR, LLC has a solution for you. Whether it is a one-off part or a run of hundreds we will make sure your product is produced in high quality and in a timely manner. Expect open communication and transparency throughout the entire process from design to completion.



















## Stainless steel structural fabrication.

When corrosion prevention plays a big factor in your equipment VANGAR, LLC offers stainless steel fabrication as a solution. With many grades available the most common we work with are 304 and 316. These components can be left in raw form, hand-polished, electropolished, pickled & passivated, or coated with paint or powder coat.







# NON-CODE SKID MOUNTED TANKS

# Non-code tanks.

Non-code tanks are designed with a 3:1 safety factor using a broad range of carbon steel and provide an economic alternative to ASME tanks, often with a shorter lead time. After fabrication, a leak test and/or pneumatic pressure test is performed on every unit to ensure there are no imperfections that could cause failure while commissioning. Upon the customer's request, NDT/NDE may also be performed throughout the unit to examine each weld for impurities and defects.









# PIPE FABRICATION

# Blast and prime pipe fabrication.



Painted pipe fabrication.



Stainless Steel pipe fabrication.



Production equipment pipe fabrication.







# Testing and certification for piping.

Hydrostatic Pressure Testing is a nondestructive method (NDT) of finding leaks or verifying performance and durability in pressure vessels such as pipe, tubing, and coils. Although this is considered a nondestructive test and failures are rare, they can occur when the test piece does not meet performance or durability specifications and may render the piece unusable. The pressure used in hydrostatic testing is always more than the operating pressure to give the customer a margin for safety.



12249-A FM 529 ROAD HOUSTON, TEXAS 77041

"Productivity is never an accident. It is always the result of a commitment to excellence, intelligent planning and focused effort."

# **OUR FACILITY**

12,000 SQFT Manufacturing building
18,000 SQFT Concrete storage area
(Two) 20' X 20' bay door
(One) 10' X 10' bay doors
(One) Dock with 10' X 10' bay door
15 Ton overhead crane, 20' Max hook clearance

Headquarters 12249-A FM 529 Rd. Houston, TX 77041 Mailing Address
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## **Office Hours**

Monday-Friday 08:00 am - 05:00 pm Saturday-Sunday Closed