

PLATE FABRICATION & WELDING

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Paligen Technologies is at the forefront of metal fabrication. A variety of manual, semi-automatic, and robotic welding methods support industry-leading capabilities. Our plate fabrication and welding are performed within a 525,000-square-foot facility in Garland, Texas, where we have delivered superior solutions to customers for more than 75 years.







PALIGEN™ TECHNOLOGIES

Plate Fabrication & Welding

CAPABILITIES

- Close tolerance fixturing, mechanical joining, and fit-up
- Welding of close tolerance mechanical joining
- Gas metal/tungsten arc welding
- Submerged arc, spot, seam, and inertia friction welding
- Fully equipped, state-of-the-art metallurgical laboratory and testing facilities

MARITIME CAPABILITIES

- Maritime Structures
- Maritime Equipment Assembly

AEROSPACE & DEFENSE COMPONENTS

- Aircraft Skins
- Wing Terminal Fittings
- Fuselage Stringers
- Structural Belt Frames
- Anti-Thrust Kick Back Components
- Custom Replacement Parts
- Reverse Engineering

CERTIFICATIONS

- AS9100D and ISO 9001:2015 Certified
- NADCAP Accreditations

QUALITY ASSURANCE

Our quality assurance department has full-dimensional inspection capabilities, state-of-the-art coordinate measuring machines, and laser-scanning equipment for mapping and comparison to customer models.

IN-HOUSE TESTING - METALLURGY

Our in-house testing facility offers mechanical testing, micro- and macrostructural examination including grain flow, hardness testing, electrical conductivity testing, fluorescent penetrant inspection, and chemical composition verification in accordance with the most recent industry and customer specifications.





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PALIGEN™ TECHNOLOGIES

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