



COMPANY PROFILE





"Leveraging advanced industrial technologies and a culture of technical excellence, we provide scalable, high-performance solutions that meet the evolving needs of our diverse clientele across both onshore and offshore environments."

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About Us.

The Evolution of Industrial Capacity

In the modern energy and manufacturing landscape, the gap between theoretical engineering and field-ready execution is widening. Derash and Patvic Welding Academy Limited (D&P) is positioned not merely as a vocational school, but as a Technological Platform designed to bridge this gap. By integrating high-level human capital development with heavy-duty fabrication and engineering services, D&P serves as a critical infrastructure partner for the oil, gas, and power sectors.

We are a high-capacity platform that provides both Engineering and Technical Training. Our system combines advanced teaching with heavy-duty fabrication and engineering for the oil, gas, and power sectors. By handling both services together, we guarantee that every project meets strict international codes while providing a steady supply of skilled workers ready for the field. With our specialized facility and expert leadership, we have the proven ability to deliver complex engineering projects and world-class training at the same time.

**Derash &
Patvic**



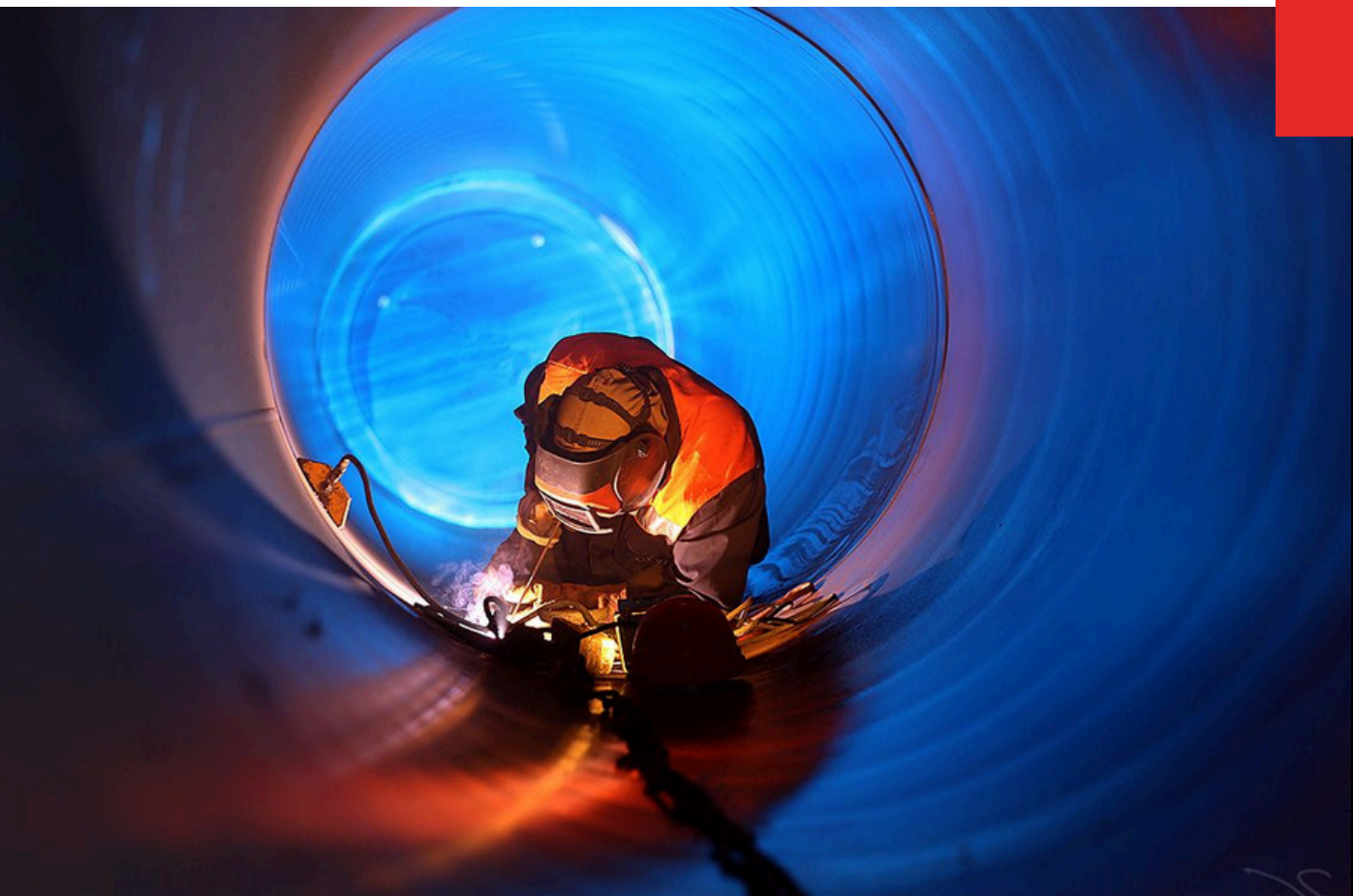
Our Philosophy.

Our core philosophy moves beyond the concept of "training" and into the realm of Asset Optimization. We operate under the conviction that the lifespan and safety of an industrial asset—whether a subsea manifold, a pressure vessel, or a flow station—is directly proportional to the coded precision of the hands that build it.

4 Pillars

We have structured our core competencies into four strategic pillars. This framework allows us to deliver integrated engineering solutions, from the initial training of skilled personnel to the complex fabrication and delivery of industrial assets.

1. Fabrication & Construction
2. Training & Certification
3. Procurement
4. Manpower Supply



1. FABRICATION & CONSTRUCTION

Fabrication: We fabricate critical equipments, including manifold systems, and structural modules. Substructures, Conductor Pipes, Topside Levels, Superstructures, Helipads, Foundation Piles & Anchors, Fender Systems, Conductor Frames, Prefabricated Spools & Piping Assemblies, Process Modules & Packages, Modular Assemblies or Base frames ,Subsea Terminations ,Flowline Terminations. Supply & fabrication of pressure vessels as per ASME Standards required

Facility Power: Our workshops feature over several specialized welding stations to support large-scale production.

On-Site Engineering: We provide expert maintenance and construction services for flow stations and pipeline infrastructure.

D&P provides comprehensive expertise in the development and qualification of welding procedures, ensuring that every weld meets the highest standards of structural integrity and safety. Our team is proficient in qualifying Welding Procedure Specifications (WPS) and producing Procedure Qualification Records (PQR) across a diverse range of materials and industrial applications.

We operate in strict accordance with major international welding codes and standards to ensure global compliance and technical excellence, including:

ASME Section IX, AWS D1.1 / D1.6, API 1104

2. TRAINING & CERTIFICATION

DPWAL serves as a premier technical hub, turning human potential into a highly qualified, "coded" workforce. Our programs are not just educational; they are professional qualification processes that ensure every graduate meets the most demanding global standards.

International Code Alignment: We certify personnel according to recognized global engineering codes, including AWS D1.1, ASME & API.

Specialized Welding Processes: Our curriculum delivers mastery in advanced techniques, specifically GTAW, SMAW, SAW and FCAW.

Metallurgical Depth: We provide specialized instruction on the properties and welding phases of high-performance alloys like Inconel, Duplex Steel, aluminum and Stainless Steel.





American Welding Society

By authority of the Board of Directors

Derash & Patvic Welding Academy Ltd.

is hereby designated

Educational Institution Member

of the American Welding Society, founded in 1919 to advance the science, technology and application of welding and allied processes including joining, brazing, soldering, cutting and thermal spray.

Damian J. Kotecki

AWS PRESIDENT

R. W. H. H.

EXECUTIVE DIRECTOR



American Welding Society

Certifies That

Derash and Patvic Welding Academy Ltd.

is a School Excelling through National Skills Standards Education and has agreed to Act as a Participating Organization in the SENSE Training and Testing Program. Further, there is agreement to Abide by provisions of AWS QC11 "Specification for Qualification and Registration of Level II - Advanced Welder" and AWS EG3.0 "Curriculum Guide for the Training of Welding Personnel: Level II - Advanced Welder"



CERTIFICATE # 060401PO

Christopher Pollock

DIRECTOR OF EDUCATION

SC 1889

Certificate No.JPNIOW 022



NIGERIAN INSTITUTE OF WELDING
Centre for Welding Engineering & Padremet

Certificate of Membership

This is to Certify that

Derash & Patvic Welding Academy Ltd.

was elected as

Institutional Member

of the Institute on

The 2nd day of December the year 2007

In Testimony whereof, the seal of the Nigerian Institute of Welding
and the hollecatated signatories of the Institute are hereunto affixed




President


Secretary General

THIS CERTIFICATE IS THE PROPERTY OF NIGERIAN INSTITUTE OF WELDING



3. PROCUREMENT

- D&P manages a strategic supply chain focused on quality assurance and project continuity. We source and supply materials that meet the exact metallurgical specifications required for high-pressure and corrosive industrial settings.
- Technical Consumables: We supply high-grade electrodes, filler wires, and specialized welding gases essential for precision work, from
- Industrial Material Sourcing: Our procurement team handles API-standard piping, structural steel, and specialized hardware.
- Strict Quality Vetting: Every item sourced is verified to ensure it matches the technical and safety standards of the final engineering asset.



- Quality results require quality materials. We source and supply essential welding consumables—from high-grade filler wires to specialized gases—partnering with prestigious international brands like ESAB, Lincoln, and Linde, as well as trusted local providers to keep your operations moving.



4. MANPOWER SUPPLY

We act as a trusted partner for EPC companies, providing a pre-vetted, field-ready technical workforce. Because our personnel are trained and tested within our own platform, we guarantee a level of competence that reduces project risks and delays.

Rapid Mobilization: We allow clients to quickly scale their project teams with certified welders, fitters, and safety inspectors.

Guaranteed Competence: Every individual we supply has been strictly tested against international standards (AWS/ASME) in our own facilities.

Local Content Impact: We help multinational partners meet Nigerian content requirements with a workforce that delivers world-class quality.



Proven Material Expertise

At Derash and Patvic Welding Academy Limited (D&P), our operational core is built upon a profound understanding of metallurgy and advanced welding engineering. We maintain an extensive portfolio of Welding Procedure Specifications (WPS) and Procedure Qualification Records (PQR) across a diverse range of high-performance materials.

We leverage this technical foundation to deliver high-quality production welds with these materials, ensuring that every structure we fabricate—from offshore skeletons to intricate piping networks—meets the stringent mechanical and chemical requirements of international codes such as AWS D1.1, ASME, and API.



1. CARBON & STRUCTURAL STEELS

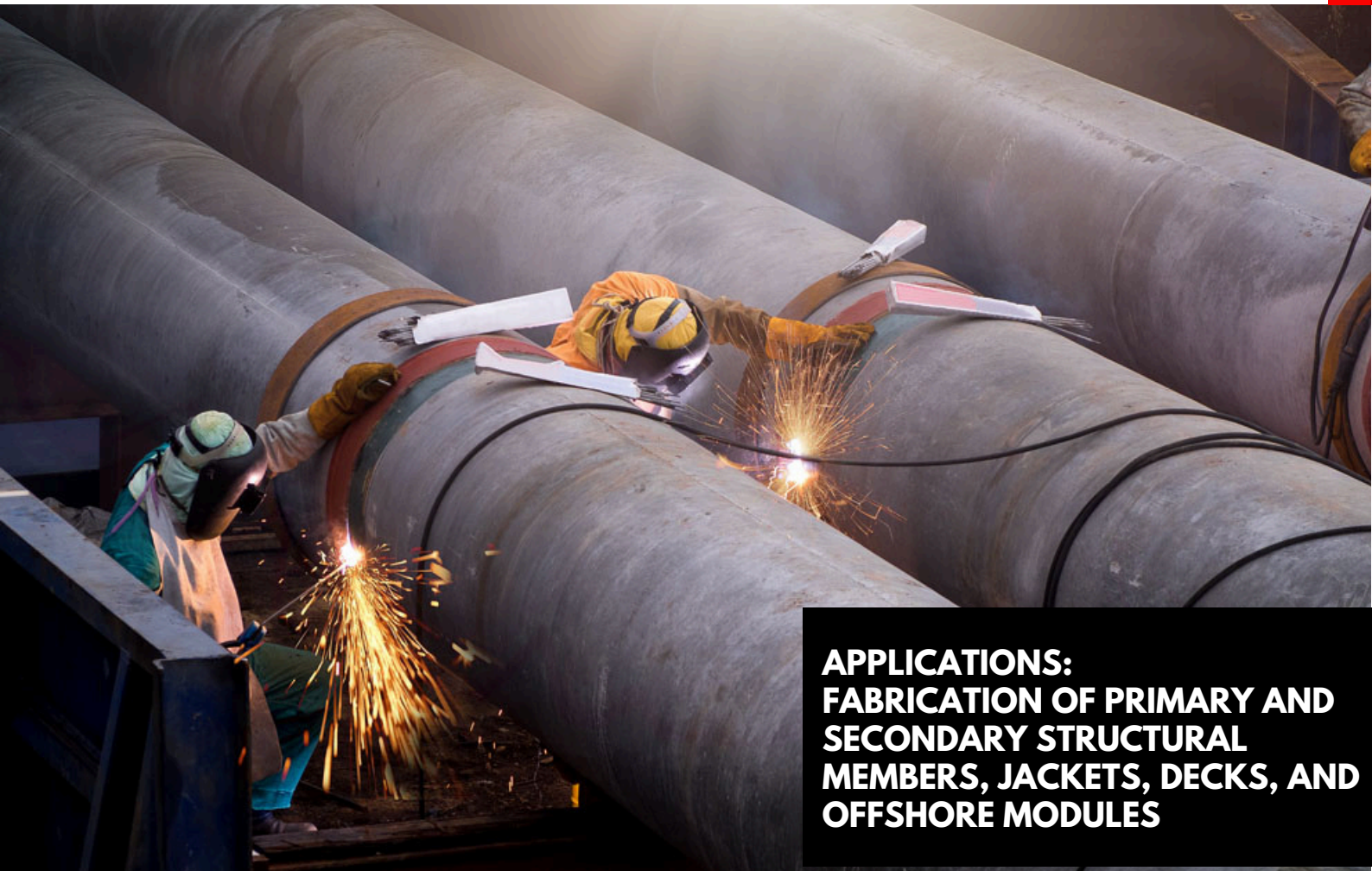
We possess specialized expertise in the fabrication of high-strength structural components, ensuring integrity under extreme static and dynamic loads.

S-Series (Structural Steels): * S355: Highly experienced in various delivery conditions, including Normalized (N) and Thermomechanically Rolled (M), ensuring optimal grain structure and toughness.

S420: Utilized for advanced structural applications requiring a higher strength-to-weight ratio.

Offshore & Shipbuilding Grades:

DH36 / D36 & EH36: Skilled in managing the specific cooling rates required for these high-strength, low-alloy steels to maintain sub-zero impact toughness.



**APPLICATIONS:
FABRICATION OF PRIMARY AND
SECONDARY STRUCTURAL
MEMBERS, JACKETS, DECKS, AND
OFFSHORE MODULES**

2. ENERGY SECTOR & PIPELINE MATERIALS

Precision welding for the Oil & Gas value chain.

D&P is adept at handling API-graded materials designed for high-pressure environments and sour service conditions.

API 5L Line Pipe: Expertise spanning X52, X56, and X65 grades.

We focus on maintaining the ductility and corrosion resistance essential for hydrocarbon transport.

API 2H & 2W: Specialized in structural plates for offshore platforms, focusing on the through-thickness properties (Z-ten) and fracture toughness required for "critical" joints.

Applications: High-pressure piping systems, manifold assemblies, and structural supports for energy infrastructure.

**APPLICATIONS:
HIGH-PRESSURE
PIPING SYSTEMS,
MANIFOLD
ASSEMBLIES, AND
STRUCTURAL
SUPPORTS FOR
ENERGY
INFRASTRUCTURE.**



**Derash &
Patvic**

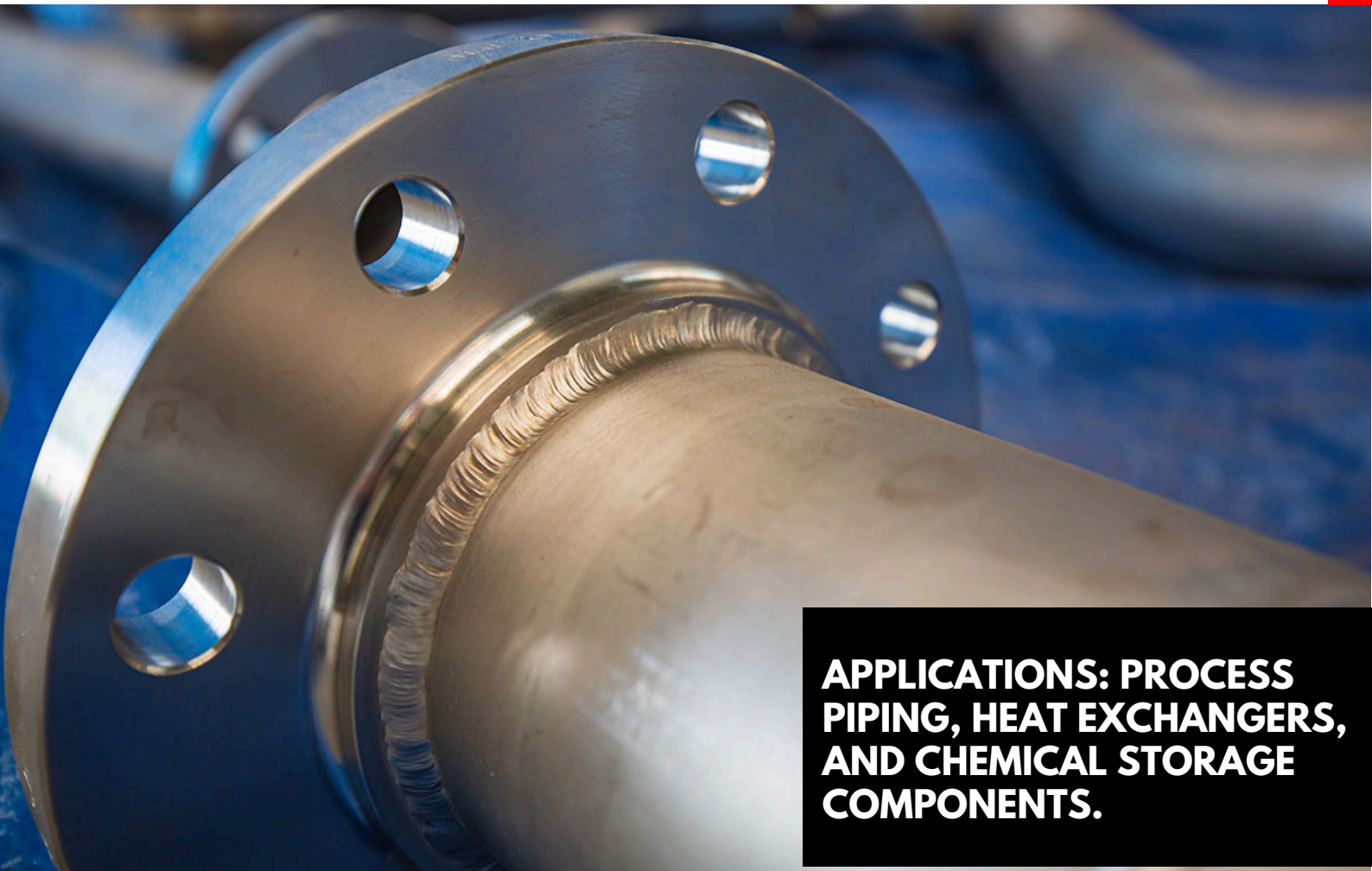
3. CORROSION RESISTANT ALLOYS (CRA)

Advanced solutions for longevity and purity.

Our clean-room practices and contamination-control protocols ensure that our stainless and duplex fabrications remain free from carbon contamination.

Stainless Steel (304, 316/316L): Extensive experience in the fabrication of piping components, focusing on the low-carbon variants to prevent sensitization during the welding cycle.

Duplex & Super Duplex (DSS/SDSS): Experts in maintaining the critical 50/50 Ferrite-Austenite phase balance. We manage cooling rates and interpass temperatures strictly to prevent the formation of deleterious Sigma phases.



APPLICATIONS: PROCESS PIPING, HEAT EXCHANGERS, AND CHEMICAL STORAGE COMPONENTS.

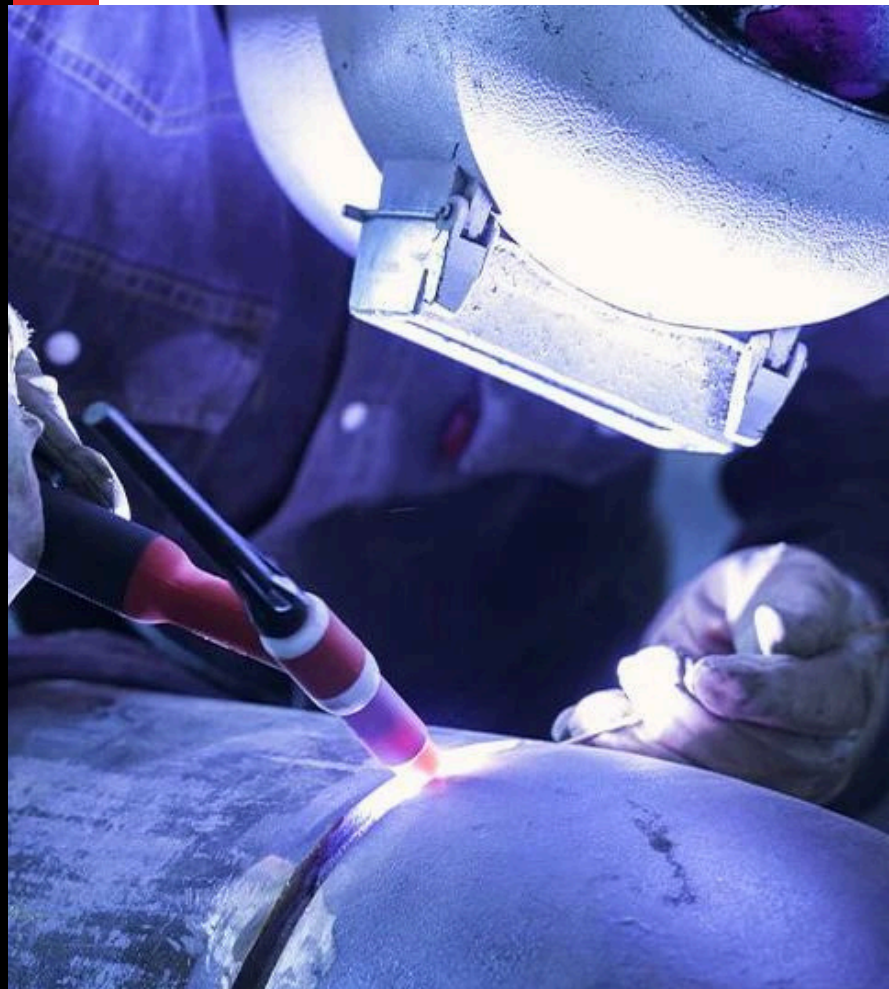
4. NICKEL-BASE SUPERALLOYS (INCONEL)

Superior performance in corrosive and high-temperature environments.

Handling superalloys requires precise heat input control and specialized shielding techniques to avoid hot cracking and ensure metallurgical stability.

Inconel 625: We have a proven track record with this nickel-chromium-molybdenum alloy, specifically for its resistance to pitting and crevice corrosion.

**APPLICATIONS:
FABRICATION OF
COMPLEX SPOOLS
AND PIPING
ASSEMBLIES
INTENDED FOR
SEVERE CHEMICAL
PROCESSING OR
SUBSEA
ENVIRONMENTS
WHERE STANDARD
STEELS WOULD
FAIL.**



5. ALUMINUM ALLOYS

Lightweight, high-strength structural solutions.

We utilize advanced TIG and MIG processes to overcome the high thermal conductivity and oxide-management challenges inherent in aluminum welding.

5xxx Series (5052, 5083, 5086): Chosen for their superior marine corrosion resistance and excellent weldability in structural forms.

6xxx Series (6061): Utilized for structural frames and extrusions where high strength is a priority.



APPLICATIONS: MARINE STRUCTURES, LIGHTWEIGHT ARCHITECTURAL COMPONENTS AND SPECIALIZED TRANSPORTATION FRAMES.

Maintenance Services

At D&P, we provide comprehensive maintenance solutions designed to extend the lifecycle of industrial assets while ensuring maximum operational uptime. Our approach integrates rigorous engineering standards with high-performance execution to maintain the structural integrity and efficiency of your infrastructure..

1. Facility Modification
2. Revamping of Facility
3. Surface Preparation and Protective Coatings



1. Facility Modification

As operational requirements evolve, existing infrastructure must often be adapted to accommodate new technology or increased capacity. We specialize in the structural and mechanical modification of facilities, ensuring that any alterations are seamlessly integrated without compromising the original design integrity.

2. Revamping of Facility

To combat the effects of aging and operational wear, our revamping services focus on restoring facilities to their peak performance levels. We modernize legacy systems and overhaul critical components to improve safety, efficiency, and compliance with current industry regulations.

3. Surface Preparation and Protective Coatings

At D&P, we recognize that the integrity of a coating system is fundamentally tied to the quality of the surface preparation. Even the most advanced protective technologies will fail if the underlying surface lacks the required cleanliness or anchor profile. To ensure peak performance and longevity, we provide a versatile range of blasting services tailored to the specific needs of the oil and gas industry, including Ultra High Pressure (UHP), Hydro Blasting, and traditional grit/steel ball blasting.

Our highly skilled technicians deliver high-value solutions across shipyards, fabrication facilities, and both onshore and offshore assets. We ensure every coating system is applied in strict accordance with manufacturer specifications, with rigorous monitoring and quality control at every stage of the application process.

Field Execution



Final Installation of Manifold Systems & Structures





Welding (Maintenance) of Drilling Tools and equipment



**Derash &
Patvic**

Pressure Vessel Fabrication





Final Installation of Manifold Systems & Structures





**(O-RING) After
machining**

**Welding of Drilling
Tools and equipment
Prior to machining
(O-RING)**





"Driven by expertise and a client-first approach, Derash and Patvic stands as your trusted partner for engineering excellence. Your operational goals are the blueprint for our quality and dedication."

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