Purus Hi Tech
Technology Integration Company

MEP SUPPORT & STRUCTURAL FABRICATION

COMPANY PROFILE

Purus Hi-Tech — MEP & structural support systems, products and fabrication services

PRECISION IN MOTION

MEP and structural support systems — pipe supports, modular supports, channels and fittings, and structural steelwork — designed, manufactured and finished at our own facilities in Sharjah and Umm Al Quwain, UAE, to your drawing and specification.



+971 52 735 1332
sales@purushitech.com
purushitech.com

PRECISION. RELIABILITY. TRUST.

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WHO WE ARE

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Purus Hi-Tech LLC — MEP & structural support systems in Sharjah & Umm Al Quwain, UAE

Purus Hi-Tech is a manufacturer of MEP and structural support systems for industrial, commercial, infrastructure and oil & gas projects across the UAE. We design, manufacture and supply the supports that carry building services — pipes, ducts and cable trays — and the structural steelwork that holds them, all made to the client's drawing and specification at our facilities in Sharjah and Umm Al Quwain.

Our work is backed by an ISO 9001:2015 certified quality management system and welding procedures qualified to ASME Section IX. Design, cutting, forming, welding and finishing all happen under one roof, so one team is responsible for every part from drawing to delivery.

AT A GLANCE

Company	Purus Hi-Tech LLC
Locations	Al Jlail, Industrial Oasis, Sharjah · Emirates Industrial Area, Umm Al Quwain, UAE
Products	MEP Support System — pipe supports, modular supports, custom MEP fabrication, channels & fittings
Services	Structural fabrication — steel, cutting, pipe bending, prototyping, finishing, aluminium
Fabrication capacity	250+ tons per month
Cutting capacity	Up to 40 mm thickness · 12 kW lasers with 8000 × 2500 mm beds
Workshop	25,000+ sq ft
Quality	ISO 9001:2015 certified · ASME Section IX qualified welding



WHAT WE OFFER

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Products and services under one roof

Everything we do supports MEP and structural work. Our **MEP Support System** products carry pipes, ducts and cable trays, and our **Structural Fabrication Services** produce the steelwork and custom parts behind them. Both are made in the same facilities, by the same team, under the same ISO 9001:2015 quality system.

PRODUCTS

MEP Support System

01 Pipe Support System

02 Modular Support System

03 Custom MEP Fabrication & Heavy Profiles

04 Channels & Fittings

SERVICES

Structural Fabrication Services

01 Structural Steel Fabrication

02 Advanced CNC Laser & Plasma Cutting

03 CNC Pipe Bending

04 Custom Steel Fabrication

05 Sheet Prototyping

06 Advanced Finishing

07 Aluminium Profile Fabrication for Facade Fittings



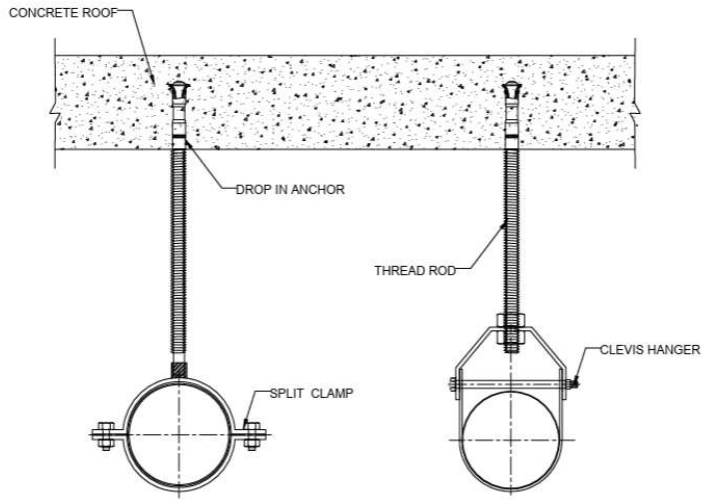
PRODUCTS · MEP SUPPORT SYSTEM

PIPE SUPPORT SYSTEM

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Supports for building services and process piping

We manufacture and supply pipe supports for plumbing, drainage, HVAC, chilled water, fire-fighting and process piping. Supports are made to project drawings and specifications, so each pipe run is held securely, at the right level and with the right spacing.



PRODUCT RANGE

Clamps & hangers	Pipe clamps, clevis hangers and threaded-rod hangers
Saddles & shoes	Pipe saddles and pipe shoes for supported and insulated lines
Guides & anchors	Guides, anchors and stops to control pipe movement
Brackets & base plates	Wall brackets, floor stands and fabricated base plates
Materials	Mild steel and stainless steel
Finish	To project specification (paint or powder coating)

WHY OUR PIPE SUPPORTS

Made to drawing
Sized and spaced to the approved MEP drawings.

Certified quality
Produced under our ISO 9001:2015 quality system.

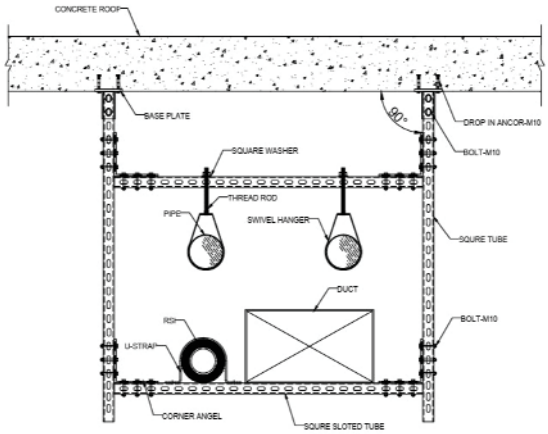
PRODUCTS · MEP SUPPORT SYSTEM

MODULAR SUPPORT SYSTEM

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Bolted, adjustable supports for pipes, ducts and cable trays

Our modular support systems are built from channels, brackets and fittings that bolt together on site — no welding or hot work needed. They carry several services on one frame, can be adjusted during installation, and are easy to extend when the layout changes.



TYPICAL ARRANGEMENTS

Trapeze supports	Single and multi-tier frames for pipes, ducts and cable trays
Wall & ceiling frames	Cantilever brackets and drop-rod frames
Floor stands	Free-standing frames for plant rooms and rooftops
Combined racks	One support carrying several building services together

WHY MODULAR

Fast installation
Pre-cut parts bolt together on site without welding.

Adjustable
Levels and positions can be changed during installation.

Coordinated
Designed from the MEP drawings to avoid clashes.

Reusable
Frames can be extended or re-used if the layout changes.

PRODUCTS · MEP SUPPORT SYSTEM

CUSTOM MEP FABRICATION & HEAVY PROFILES

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Heavy-duty steelwork for building services

When standard supports are not enough, we fabricate custom heavy steelwork for MEP installations — equipment bases, pipe racks, platforms and heavy brackets — cut, welded and finished in our own facility to your drawing.



Precision-welded connection bracket



Structural truss fabrication

WHAT WE FABRICATE

Equipment bases	Steel bases and skids for pumps, chillers and plant equipment
Pipe racks	Heavy pipe racks and multi-level support frames
Platforms & access	Service platforms, walkways and ladders
Heavy brackets	Base plates, connection plates and heavy-duty brackets
Cutting capacity	Plate up to 40 mm thick
Welding	ASME Section IX qualified procedures and welders

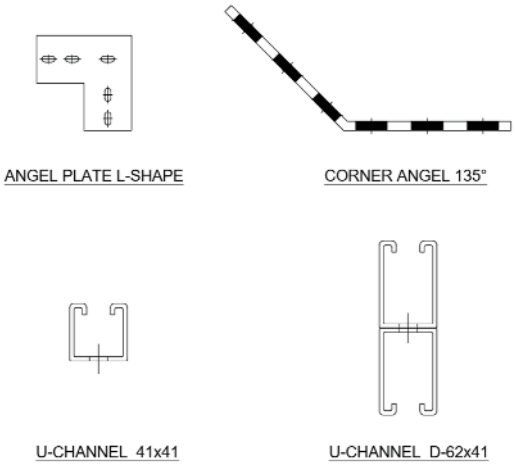
PRODUCTS · MEP SUPPORT SYSTEM

CHANNELS & FITTINGS

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Strut channels and the parts that connect them

We supply strut channels and fittings — the building blocks of support systems for pipes, ducts, cable trays and electrical services. Channels can be supplied in standard lengths or cut to size.



PRODUCT RANGE

Strut channels	Single and back-to-back channels, plain or slotted
Channel nuts & bolts	Spring nuts, plain nuts and fixings to suit the channel
Brackets & connectors	Angle brackets, flat plates, splices and post bases
Rods & clamps	Threaded rods, beam clamps and pipe clamps
Supply	Standard lengths or cut to size



SERVICES · STRUCTURAL FABRICATION SERVICES

STRUCTURAL STEEL FABRICATION

////

Beams, columns, trusses and frames — fabricated to drawing

We fabricate structural steel for industrial, commercial and infrastructure projects — from individual beams, columns and base plates to complete frames, trusses, staircases and canopies. Every member is cut, drilled, welded and finished in our own facility to approved shop drawings, then dispatched ready for installation.



Multi-bay steel structure under construction



Roof truss erection with mobile crane

WHAT WE FABRICATE

Primary steel	Beams, columns, rafters and base plates
Secondary steel	Purlins, bracing, brackets and connection plates
Trusses & frames	Roof trusses, portal frames and multi-bay structures
Access structures	Staircases, handrails, guardrails, platforms and mezzanines
Canopies	Steel canopies and shade structures
Capacity	250+ tons of fabrication per month

HOW WE DELIVER

Drawing-based

Fabricated to approved shop drawings, with material take-off and BOQ support.

Certified welding

ASME Section IX qualified procedures and individually certified welders.

Checked before dispatch

Dimensional and weld checks on every member before it leaves the shop.

Installed by our team

Site installation of fabricated steelwork by our own crews.

SERVICES · STRUCTURAL FABRICATION SERVICES

ADVANCED CNC LASER & PLASMA CUTTING

////

Precision cutting at industrial scale

Our 12 kW CNC laser cutting machines with 8000 × 2500 mm beds cut mild steel, stainless steel, aluminium and specialised alloys with tolerances as tight as 0.1 mm — clean edges and minimal waste, for intricate parts and heavy-duty structures alike. CNC plasma cutting handles heavier plate, giving a cutting capacity of up to 40 mm thickness.



Laser cutting in progress — clean edge, minimal spatter



Precision path cutting on the shop floor

MACHINE CAPABILITY

Laser power	12 kW CNC laser cutting systems
Bed size	8000 × 2500 mm
Tolerance	As tight as 0.1 mm
Cutting thickness	Up to 40 mm
Plasma cutting	CNC plasma for heavy plate and thick sections
Materials	Mild steel, stainless steel, aluminium and specialised alloys
Output	Single prototypes to volume production runs

SERVICES · STRUCTURAL FABRICATION SERVICES

CNC PIPE BENDING

////

Precision curves, consistent shapes

Our CNC pipe bending service produces consistent, accurate bends for architectural, industrial and process applications — from one-off custom shapes to repeat production runs. Each bend is programmed, so the same radius and angle are repeated on every part.



TYPICAL APPLICATIONS

- Architectural handrails and balustrades
- Industrial and process piping, including oil & gas
- Automotive exhaust systems and roll cages
- Coils and custom-radius bends

SERVICES · STRUCTURAL FABRICATION SERVICES

CUSTOM STEEL FABRICATION

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Steel Fabrication & Welding

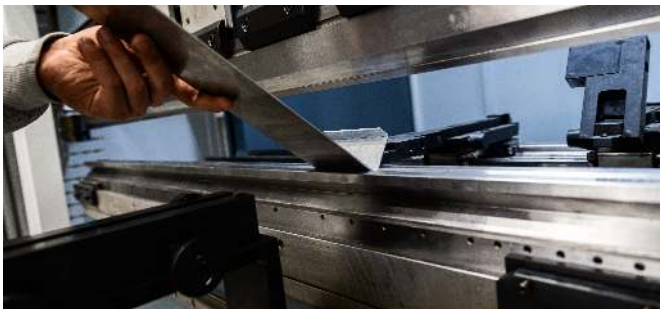
From laser and plasma cutting to CNC bending and MIG welding, our steel fabrication services cover a wide range of manufacturing requirements. We specialize in producing strong, reliable steel structures and components, with the flexibility to accommodate both simple designs and complex custom projects.



MIG welding a shop-floor assembly



Grinding and finishing a welded frame



CNC press brake forming a section



Bend set out and checked on the brake

SERVICES INCLUDE

Custom-Built Steel Components

Made to your drawing and specification.

Industrial Steel Fabrication

Strong, reliable steel structures for industrial use.

Specialized Steel Products

Complex custom projects and one-off designs.

SERVICES · STRUCTURAL FABRICATION SERVICES

SHEET PROTOTYPING

////

Test the design before full production

Before a part goes into volume production, we make sample pieces so you can check fit, function and appearance. Prototypes are produced on the same laser cutting, CNC bending and welding equipment used for production, so what you approve is what you receive.



CNC press-brake formed component



Precision-welded connection bracket

HOW IT WORKS

1. Drawing review	We check your drawing for manufacturability, material and tolerances.
2. First sample	A prototype is cut, formed and welded on our production equipment.
3. Client check	You test the sample for fit, function and appearance.
4. Adjust	Any changes are made to the drawing and the sample if needed.
5. Production	The approved design moves into full-scale production.

WHY PROTOTYPE FIRST

Lower risk

Design issues are found on one part, not on the full order.

Saves material and cost

No wasted production runs on parts that do not fit.

SERVICES · STRUCTURAL FABRICATION SERVICES

ADVANCED FINISHING

////

Protection and appearance, applied to standard

We complete each component with paint or powder coating, applied in a dust-free environment. Coatings protect the metal against corrosion and wear and give a clean, consistent appearance.

Paint finishing

Applied to the specified colour and film thickness, in a controlled, dust-free environment.

Powder coating

A durable, decorative finish that resists chipping, scratching and fading.

Dust-free application

Coatings applied under controlled conditions for a clean, consistent result.

Ready to install

Every finished part is protected and ready for installation.



SERVICES · STRUCTURAL FABRICATION SERVICES

ALUMINIUM PROFILE FABRICATION FOR FACADE FITTINGS

////

L, T, box and flat-bar profiles — cut, punched and threaded for facades

We offer precision cutting, punching and threading of aluminium profiles for facade fittings and architectural work — L-shapes, T-shapes, box profiles, flat bars and custom shapes, finished to your specification.



Aluminium box and channel profiles

FABRICATION PROCESS

Cutting	L, T, box, flat-bar and custom profiles cut to specified lengths with saws or CNC machines.
Punching	Holes punched with hydraulic or CNC punching machines for fasteners and connections.
Threading	Threads created with tapping or CNC machines to accommodate screws or bolts.
Finish	Mill finish (standard) or powder coating (optional).
Grades	6060 and 6063
Quality	Produced under our ISO 9001:2015 quality management system.

APPLICATIONS

- Facade systems and facade fittings
- Cladding
- Structural framing
- Architectural features

DESIGN & ENGINEERING

////

From concept to fabrication-ready drawings

Every project begins on the drawing board. Our in-house design and engineering team develops concepts into fully detailed, fabrication-ready drawings — covering structural calculations, material specifications and tolerances — before a single cut is made on the shop floor.

Working directly with clients and site teams, we review drawings, resolve clashes and issue as-built documentation, so what is engineered on paper matches what is delivered on site.

WHAT WE PROVIDE

Concept & Structural Design	Turning briefs and sketches into engineered, manufacturable designs.
Detailed Shop Drawings	Fabrication-ready drawings with full dimensions, tolerances and material call-outs.
3D Modelling & Visualisation	Digital models used to validate fit, function and appearance before production.
Material Take-off & BOQ	Accurate quantities and specifications to support procurement and costing.
As-Built Documentation	Final drawings updated to reflect exactly what was fabricated and installed.

WHY IT MATTERS

Fewer surprises on site

Clashes and errors are caught at the drawing stage, not during installation.

One team, one responsibility

The engineers who design the work also see it through to fabrication.

Faster approvals

Clear, complete drawings speed up client and consultant sign-off.

Full traceability

Every revision is tracked, from first concept to final as-built.

OUR PROCESS

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Six steps from drawing to finished component

Each project follows the same controlled sequence, with checks at every stage, so the finished component matches the approved drawing.

1	2	3	4	5	6
Design & Planning	Cutting	Forming & Bending	Fabrication & Welding	Prototyping	Finishing

Design & Planning	We work with the client to turn the brief into manufacturable, fabrication-ready drawings.
Cutting	12 kW CNC laser and plasma cutting on 8000 × 2500 mm beds, up to 40 mm thickness.
Forming & Bending	CNC press brakes produce simple angles and complex multi-step forms.
Fabrication & Welding	MIG welding to ASME IX qualified procedures for strong, reliable assemblies.
Prototyping	Sample parts confirm the design before full-scale production.
Finishing	Paint and powder coating for protection and a clean final appearance.



Fabricated profile component



Crane lifting for site installation



Loaded and ready for site delivery

QUALITY & CERTIFICATIONS

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Independently certified quality management

Purus Hi-Tech is certified to ISO 9001:2015 for the manufacturing, fabrication and supply of pipe support systems, structural steel, modular MEP support systems, strut channels and customised steel products for industrial, commercial, infrastructure and oil & gas projects. Our quality management system is independently audited and subject to ongoing surveillance assessment.



SCS
SYSTEM CERTIFICATION SERVICES

CERTIFICATE OF REGISTRATION

This is to certify that

PURUS HI TECH L.L.C

Al Jlail, Industrial Oasis, Sharjah, United Arab Emirates.

has been approved by the governing board of System Certification Services to the following Quality Management System Standard

ISO 9001:2015

The Quality Management System is applicable to:

Manufacturing, Fabrication and Supply of Pipe Support Systems, Structural Steel, Modular MEP Support Systems, Strut Channels and Customized Steel Products for Industrial, Commercial, Infrastructure and Oil & Gas Projects.

Certification No: SCS-1800110639
Initial certification date: 07-July-2026
Valid: 06-July-2029

1st Surveillance due on: 06-July-2027 | 2nd Surveillance due on: 06-July-2028

* The certificate will be renewed for three years, subject to successful Surveillance assessment.

Certification Authority, Business Assurance
SCS Certification Europe LTD
Office 6996, 58 Peregrine Road, Hainault,
Ilford, Essex, United Kingdom, IG6 3SZ.

Accreditation Office Address:
128 City Road, London,
United Kingdom, EC1V 2NX.

To verify the validity of the certificate visit: https://www.asib.co.uk/verifycertificate.php

This certificate remains valid while the holder maintains the management system in accordance with the standard above, which System Certification Services will audit as per the surveillance schedule mentioned in the certificate. This certificate remains the property of SCS and must be returned on request.

Lack of fulfillment of the conditions in the certification agreement may render this certificate invalid.

System Certification Services (SCS)
visit: www.scscertification.com

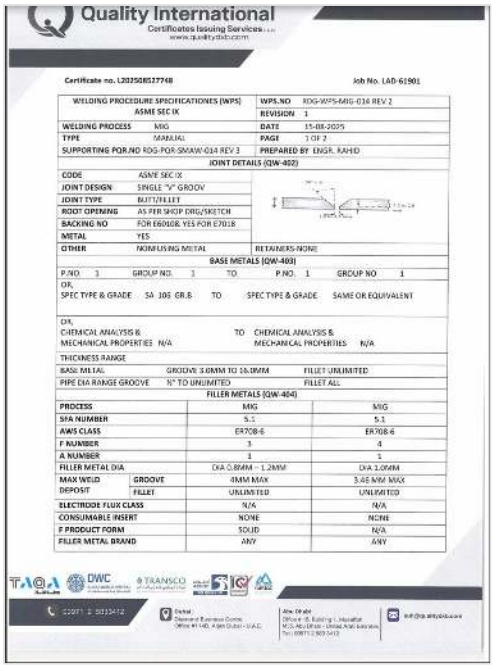
ISO 9001:2015 Certificate of Registration — No. SCS-1800110639, valid to 06-July-2029

WELDING QUALIFICATIONS

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Qualified procedures, qualified welders

Our welding is carried out to qualified Welding Procedure Specifications (WPS) under ASME Section IX, with welders individually tested and certified to the same code. Every procedure and every welder on our floor is qualified and documented before work begins.



Quality International
Certificates Issuing Services

Certificate no. L202508527748 Job No. LAD-61901

WELDING PROCEDURE SPECIFICATIONES (WPS) ASME SEC IX		WPS NO	RDG-WPS-MIG-016 REV 2
		REVISION	1
WELDING PROCESS	MIG	DATE	15-08-2025
TYPE	MANUAL	PAGE	1 OF 2
SUPPORTING PQR NO	RDG-PQR-SMAW-014 REV 3	PREPARED BY	ENGR. RAHID

JOINT DETAILS (QW-402)

CODE	ASME SEC IX		
JOINT DESIGN	SINGLE "V" GROOV		
JOINT TYPE	BUTT/FILLET		
ROOT OPENING	AS PER SHOP DRG/SKETCH		
BACKING NO	FOR E6010R YES FOR E7018		
METAL	YES		
OTHER	NON FUSING METAL	RETAINERS-NONE	

BASE METALS (QW-403)

P.NO.	1	GROUP NO.	1	TO P.NO.	1 GROUP NO 1
OR, SPEC TYPE & GRADE	SA 106 GR.B	TO	SPEC TYPE & GRADE	SAME OR EQUIVALENT	
OR, CHEMICAL ANALYSIS & MECHANICAL PROPERTIES	N/A	TO	CHEMICAL ANALYSIS & MECHANICAL PROPERTIES	N/A	

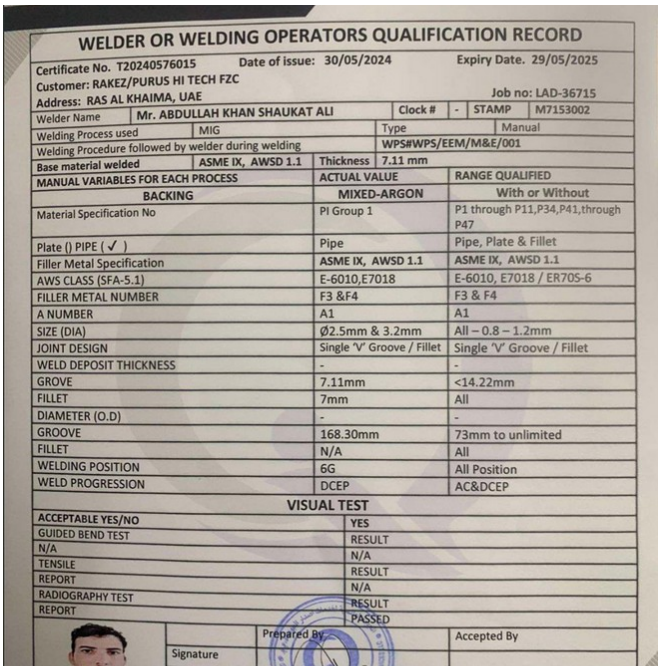
THICKNESS RANGE

BASE METAL	GROOVE 3.00MM TO 16.00MM	FILLET UNLIMITED
PIPE DIA RANGE GROOVE	½" TO UNLIMITED	FILLET ALL

FILLER METALS (QW-404)

PROCESS	MIG	MIG
SFA NUMBER	5.1	5.1
AWS CLASS	ER70S-6	ER70S-6
F NUMBER	3	4
A NUMBER	1	1
FILLER METAL DIA	DIA 0.8MM - 1.2MM	DIA 2.40MM
MAX WELD DEPOSIT GROOVE	4MM MAX	3.48 M/M MAX
MAX WELD DEPOSIT FILLET	UNLIMITED	UNLIMITED
ELECTRODE FLUX CLASS	N/A	N/A
CONSUMABLE INSERT	NONE	NONE
F PRODUCT FORM	SOLID	N/A
FILLER METAL BRAND	ANY	ANY

Welding Procedure Specification (WPS) — MIG, ASME Sec IX — Cert. No. L202508527748



WELDER OR WELDING OPERATORS QUALIFICATION RECORD

Certificate No. T20240576015 Date of issue: 30/05/2024 Expiry Date. 29/05/2025
Customer: RAKEZ/PURUS HI TECH FZC
Address: RAS AL KHAIMA, UAE
Job no: LAD-36715

Welder Name	Mr. ABDULLAH KHAN SHAUKAT ALI	Clock #	-	STAMP	M7153002
Welding Process used	MIG	Type	Manual		
Welding Procedure followed by welder during welding	WPS#WPS/EEM/M&E/001				
Base material welded	ASME IX, AWSD 1.1	Thickness	7.11 mm		

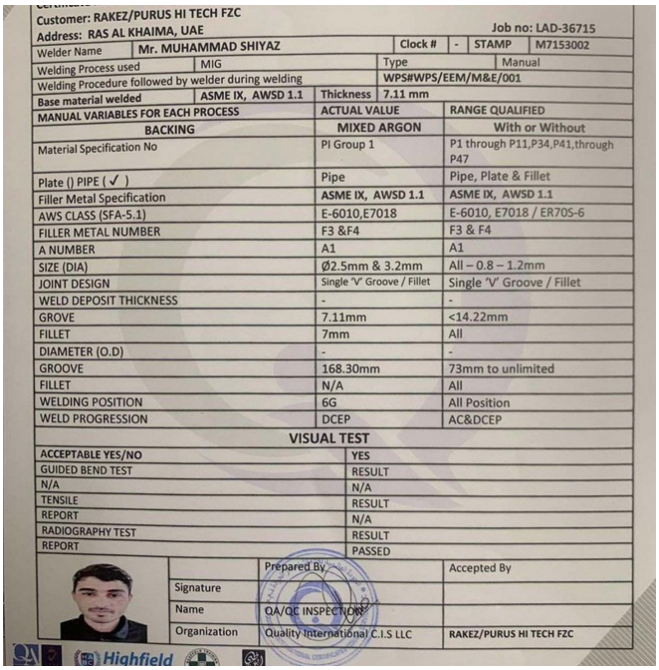
MANUAL VARIABLES FOR EACH PROCESS	ACTUAL VALUE	RANGE QUALIFIED
BACKING	MIXED-ARGON	With or Without
Material Specification No	PI Group 1	P1 through P11,P34,P41,through P47
Plate () PIPE (✓)	Pipe	Pipe, Plate & Fillet
Filler Metal Specification	ASME IX, AWSD 1.1	ASME IX, AWSD 1.1
AWS CLASS (SFA-5.1)	E-6010,E7018	E-6010, E7018 / ER70S-6
FILLER METAL NUMBER	F3 &F4	F3 & F4
A NUMBER	A1	A1
SIZE (DIA)	Ø2.5mm & 3.2mm	All – 0.8 – 1.2mm
JOINT DESIGN	Single 'V' Groove / Fillet	Single 'V' Groove / Fillet
WELD DEPOSIT THICKNESS	-	-
GROVE	7.11mm	<14.22mm
FILLET	7mm	All
DIAMETER (O.D)	-	-
GROOVE	168.30mm	73mm to unlimited
FILLET	N/A	All
WELDING POSITION	6G	All Position
WELD PROGRESSION	DCEP	AC&DCEP

VISUAL TEST

ACCEPTABLE YES/NO	YES
GUIDED BEND TEST	RESULT
N/A	N/A
TENSILE	RESULT
REPORT	N/A
RADIOGRAPHY TEST	RESULT
REPORT	PASSED

	Prepared By	Accepted By
Signature		

Welder Qualification Record — A. K. Shaukat Ali — Cert. No. T20240576015



Customer: RAKEZ/PURUS HI TECH FZC
Address: RAS AL KHAIMA, UAE
Job no: LAD-36715

Welder Name	Mr. MUHAMMAD SHIYAZ	Clock #	-	STAMP	M7153002
Welding Process used	MIG	Type	Manual		
Welding Procedure followed by welder during welding	WPS#WPS/EEM/M&E/001				
Base material welded	ASME IX, AWSD 1.1	Thickness	7.11 mm		

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BACKING	MIXED ARGON	With or Without
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GROOVE	168.30mm	73mm to unlimited
FILLET	N/A	All
WELDING POSITION	6G	All Position
WELD PROGRESSION	DCEP	AC&DCEP

VISUAL TEST

ACCEPTABLE YES/NO	YES
GUIDED BEND TEST	RESULT
N/A	N/A
TENSILE	RESULT
REPORT	N/A
RADIOGRAPHY TEST	RESULT
REPORT	PASSED

	Prepared By	Accepted By
Signature		
Name	QA/QC INSPECTOR	
Organization	Quality International C.I.S LLC	RAKEZ/PURUS HI TECH FZC

Highfield

Welder Qualification Record — Muhammad Shiyaz — Cert. No. T20240576016

OUR PROJECTS

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Recent structural steelwork from our shop floor and project sites

From structural staircases and handrails to fabricated brackets, canopies and site-erected steelwork, these are recent jobs from our shop floor and project sites — built and installed by our own team.



On-site steel staircase installation



Structural steel staircase framing



Handrail & guardrail assembly



Structural truss fabrication



Tube fabrication & finishing



Steel canopy structure — site erection



Structural steel frame — site erection

Project references and client details are available on request.

WHY PURUS HI-TECH

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What we bring to every project

Clients choose Purus Hi-Tech for certified quality, real production capacity and a single team responsible from drawing to delivery — for MEP and structural support systems.

Tight tolerances
Laser-cut parts to tolerances as tight as 0.1 mm.

Real capacity
250+ tons per month, 40 mm cutting capacity and a 25,000+ sq ft workshop.

Certified quality
ISO 9001:2015 quality system and ASME IX qualified welding.

One supplier
MEP supports and fabrication — design, cutting, welding, finishing and installation by one team.

Local manufacturing
Made in Sharjah and Umm Al Quwain for fast response across the UAE.

Built to your drawing
Custom parts and structures to your exact specification.

CONTACT

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Emirates Industrial Area, Umm Al Quwain, UAE

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