



Our Company

02 Vision & Mission

Organization Chart

Welding Procedure Specification

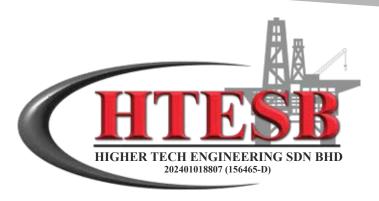
05 Our Services

Company Work Experience

O7 Contact Information



Our company



Higher Tech Engineering Sdn Bhd (HTESB) was formed in 2024 by the director, Muhamad Naufal Husaini. This company is operating under Higher Tech Fabricator Sdn Bhd. HTESB offered several of services in all business sectors including onshore/offshore of steel fabrication, installation of structural, mechanical works, turnaround plant project and heavy lifting works. We ensure that your journey with us will be filled with endless possibilities.

HTESB has highly skilled and qualified staff in our employ. We are able to focus a wide range of expertise onto producing a quality standard for steel fabricating, which has the hallmark of accuracy and uncompromising attention to detail. Our commitment is to deliver the best product in the services we offer. Together with a strong and committed team which is the key driver of the success of Higher Tech Engineering.



Gas and Piping/ Pipe Line



Steel Structure and Installation



Steel Repair & Maintenance



Ship and Rig Repair & Maintenance



Blasting and Painting



Sea Fastening Services



Tank and Bundle Cleaning Services



Barge Hand Drilling Works





ô VISION

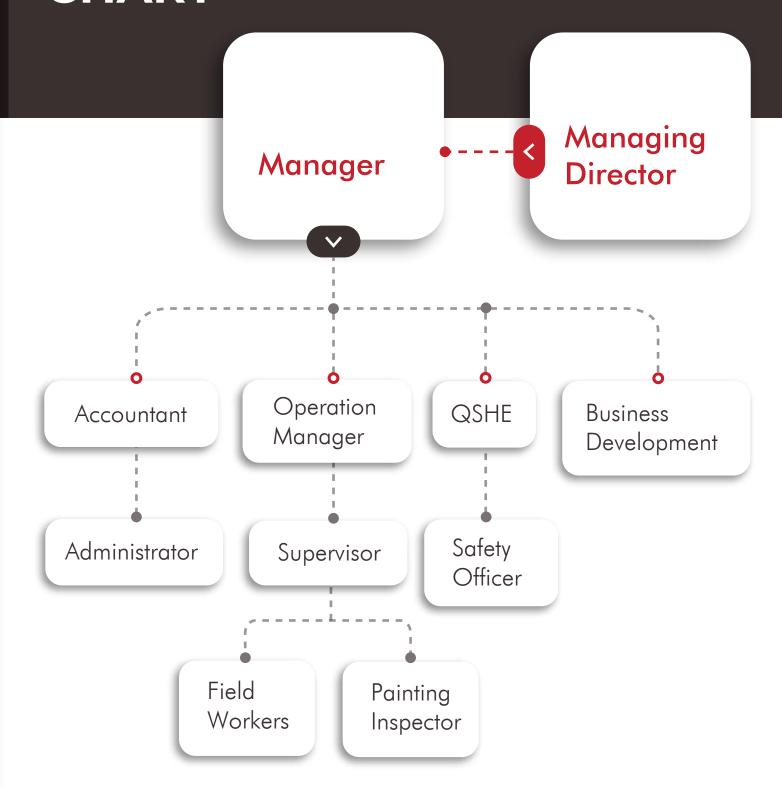
In our quest for continued success and growth, Higher Tech Engineering's vision is to be recognized as the Contractor and Employee choice. Our goal is to deliver every project to the highest standard through excellent communication and professionalism.



MISSION

Our mission is to be the preferred provider or family first, incident free and reliable service in all industry with quality solutions and delivered the best services that meet client requirements.

ORGANIZATION CHART



WELDING PROCEDURE SPECIFICATION (WPS)

Permission Letter



HIGHER TECH FABRICATOR SON BHD

No 483, 1st Floor, Wisma MCA, Jalan Baharu, 71000 Port Dickson, Negeri Sembilan Darul Khusus. Direct Line Hp: 016-3410836

Email: admin@highertechfabricator.com mnasir@highertechfabricator.com

HIGHER TECH ENGINEERING SDN BHD No 145, Jalan Springhill 9/3, Taman Meranti, Bandar Springhill, 71010 Port Dickson, Negeri Sembilan, Malaysia.

Attention To: Whom It May Concern,

Dear Sir,

Subject: Letter Of Autorization To Use The Welding Procedure Specification (WPS) & Welding Procedure Specification (WPS D1.1)

Refer to the subject above,

We **Higher Tech Fabricator Sdn Bhd** which owner of the Welding Procedure Specification (WPS)
No: HTFSB-WPS-001 with supporting document No: HTFSB-PQR-001 & Welding Procedure Specification (WPS D1.1), give a permission to the company named **Higher Tech Engineering Sdn Bhd** to use the Welding Procedure Specification (WPS) for 1 year starting from **June 2024** to **May 2025**.

Higher Tech Fabricator Sdn Bhd give full faith in Higher Tech Engineering Sdn Bhd using with the best and focusing on the quality of work that satisfies their parties.

Any confirmation needed for the subject mentioned above, please call directly for further information.

Muhamad Nasir Bin Azenam

Managing Director

Yours faithfully

Permission letter for using Welding procedure specification (WPS) certificate from Higher Tech Fabricator Sdn Bhd

Date: 13.05.2024

Ref No: HTESB/05/2024/001



HIGHER TECH FABRICATOR SDN BHD WELDING PROCEDURE SPECIFICATION (WPS)

STREET STREET, AND STREET, STR	WELDING PROCEDU	JRE SPECIFICATION (WP	S)	
Company Name:	HIGHER TECH FABRICATOR S	SDN BHD By:		QA/QC
Welding Procedure Specification No:			ing PQR No.(s):	HTFSB-PQR-001
Revision No : 0 Date				ASME IX : 2017
Welding Process (es) :	GTAW + SMAW	Time		ANUAL
Weiding Process (es):	GIAW + SMAW	Type :		I, Machine & Semi-Auto)
		,,	notometic, manua	i, Macrime & Seriii-Auto j
JOINTS (QW-402)				
Joint Design :	SINGLE 'V'			
	SMAW (No): GT/ Weld Metal	AW		
Backing Material (Type) :	(Refer to both backing and retain	ers)		
Metal	Nonfusing Metal			
Nonmetalic	Other	-	60°-10'	
Sketches, Production Drawings	, Weld Symbols or Written Description	ese F 5to 3mm		7
should show the general arrang	gement of the parts to be welded. Who	ere 9	\	
	d the details of weld groove may be	5.	\ /	□ Ε *
specified.			\ /	10.97тт
	etches may be attached to illustrate joi	int	(6
	equence, e.g., for notch toughness	•		5 to 2
procedures, for mutiple proces	s procedures, etc.)		1.3	5mm to 3mm
BASE METAL (QW-403)				
P-No1 Group No.		up No1		
Sancification tops and scade is	OR SA 106 Com			
Specification type and grade : to Specification type and grade	Type SA 106 Grad			
to specification type and grade	OR OR			
Chem. Analysis and Mech. Prop	C-Mn-SI			
to Chem. Analysis and Mech. P	rop: C-Mn-SI			
Thickness Range :				
	ove: 5mm - 21.94mm Fillet: N/A	ALL		
Other:	N/A			
FILLER METAL (QW-404)				
Process	GTAW	SMAW		
Spec. No. (SFA):	A5.18	A5.1		
AWS No. (Class) : F. No :	ER70S-G 6	E 7016	_	1
A. No :	1	1		
Size of Filler Metal (mm) :	ø 2.4	ø 2.6 & ø 3.2		
Weld Metal				
Thickness Range				
Groove :	Max 6mm	Max 15.94mm		
Fillet:	ALL	ALL		
Electrode-Flux (Class) : Consumable Trade Name :	N/A KOBELCO TGS-50	N/A KOBELCO LB-5	,	
Consumable Insert :	N/A	N/A		
Other:	N/A	N/A		
		CS PROPERTY.		
* Each base metal filler combination	on should be recorded individually	Les Per	(Harrier E.	and the second second
	A SOUTH PARTY OF THE PROPERTY OF THE PARTY O	Reg Mb: 11155gr-W		Very lect micro Ser 12 2 3 3019
		E Jane	Khairi An	par Alwertally Bures
		2 0/01	The state of the s	CHich Runds Reporter
		1	70.4	

HTF	SB					Wps No	онт	TFSB-WPS-001	Rev0	
POSITION (QW-4	05)				POSTWI	ELD HEAT TREAT	MENT (QW-	407)		
Position (s) of Groove : Weld Progession : Position (s) of Fillet :			All Uphill All		_	nperature Range e Range	: =	N/		
			All		GAS (Q	W-408)				
REHEAT (QW-40	06)						Percent Co	omposition		
Preheat Temp Interpass Tem			Ambient 350° C		Shie	elding :	Gas(es)	(Mixute) 99.99%	Flow Rate 12~18L/M	
Preheat Main			N/A		_	ling :	Argon N/A	N/A	N/A	
(Continuous be recorded)	as special heating	g where applicab	le should be		_	king :	N/A	N/A	N/A	
LECTRICAL CHAR	ACTERISTICS (Q	W-409)								
Weld Layer(s)	Process	Filler M	etal	Curr	ent	Volt Range	Travel Spe	eed Range	Heat Input	
		Class	Dia (ø) (mm)	Type Polar	Amp Range		(mm	/ min)	(kj / mm)	
Root	GTAW	ER70S-G	2.4	DCEN	100 ~ 150	10 ~ 20		160	Max 2.0	
Hot Pass Filling	SMAW SMAW	E7016 E7016	2.6 3.2	DCEP DCEP	80 ~ 110 90 ~ 130	$20 \sim 30$ $20 \sim 30$		160	Max 2.0 Max 2.0	
Capping	SMAW	E7016	3.2	DCEP	90 ~ 130	20 ~ 30		160	Max 2.0	
Tungsten Elec	trode Size and Ty	ype :				2.4 mm / 2%	Thoriated			
Mode of Meta	al Transfer For GI	MAW:	(Pure Tungsten, 2% Thoriated, etc) N/A							
Electrode Wir	e feed speed ran	ge:	(Spray arc, short circuting arc, etc) N/A							
ECHNIQUE (QW	-410)									
String or Wea	ve Bead :				S	tring / Weave				
Orifice or Gas						N/A				
	erpass Cleaning (Brushing, Grindin	ng, etc):				Brushing & (Grinding		
Method of Ba Oscillation:	ck Gauging:				N/A	N/A				
	to Work Distance	e:			1474	N/A				
	ngle Pass (Per sid	ie):	_				ltiple			
Multiple or Sir Travel Speed	ngle Electrodes:	_				Single Pefer table				
Peening:	(Kange).				N/A	Refer table				
Other:					N/A					
repared by,	Eabrica		Review	ved by,				Approved by,		
Jeles	Rog No: 1115567-W	Sd					R	layi's Register Tech oviewed/Verified/V	12/2/29	
TFSB QA/Q	3	5	Client I	Representati	ve		Ľ	Third Party Name:	General Register	
ate: 12/02/2	*		Date:					Date:		



HIGHER TECH FABRICATOR SDN. BHD. PROCEDURE QUALIFICATION RECORDS (PQR)

ompany Name :		HIGHER	TECH FABRICATOR SDN BHI	D	
ocedure Qualification Record No :			-PQR-001		18-Jan-19
PS No. :			ITFSB-WPS-001		
elding Process (es):			GTAW + SMAW		
pes (Manual, Automatic, Semi-Aut	o):		MANUAL		
ference Code & Standard :			ASME IX: 2017		
IOINTS (OW.402)					
(For combination qu	SA 106 G	R B 3	SA 106 GR E	AW)	ss used)
BASE METAL (QW-403)			POSTWELD HEAT TREATMEN	IT (QW-407)	
Material Spec. : SA	106 to	SA 106	Temperature :	N/A	
	B to	В	Time :	N/A	
	to P-No :	1	Other :	N/A	
Group : 1	to Group :	1	Other .	IVA	
oloop .			-		
Thickness of Test Coupon	-	10.97mm	-		
Diameter of Coupon		6"	1		
Other :	N/A		_		
FILLER METAL (QW-404)			GAS (QW-408)		
17-1-1-17-17-17-17-17-17-17-17-17-17-17-					
	GTAW	SMAW	Gas(e	s) (Mixtur	e) Flow Rate
SFA Specification :	A5.18	A5.1	Shielding : Argo	n 99.99%	6 12~18L/M
AWS Classification :	ER70S-G	E 7016	Trailing : N/A	N/A	N/A
Filler Metal F-No :	6	4	Backing : N/A	N/A	N/A
Weld Metal Analysis A-No:	1	1			
Size of Filler Metal (mm) :	ø 2.4	e 2.6 & e 3.2			
Other :	N/A	N/A	ELECTRICAL CHARACTERISTIC	CS (QW-409)	
POSITION (QW-405)			-	CTAN	CRAANA
			Current :	DC	SMAW DC
Position of Groove :	×	G	Polarity :	DCEN	DCEP
Weld Progression :		hill	Amps /Volts :	146 / 14	103-119 / 20-24
Other :		All	Tungsten Electrode Size :		
odier :	A	VIII.			% Thoristed
			Other :		N/A
PREHEAT (QW-406)			TECHNIQUE (QW-410)		
, 4			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GTAW	SMAW
Preheat Temp :	Ambie	ent	Travel Speed (mm/min) :	94.4	105.5 - 139.2
Interpass Temp :	80°C - 2		String or Weave Bead :		loth
Other :	N/A		Oscillation :		N/A
Julei :	IN/A		CONTRACTOR		AND DESCRIPTION OF THE PARTY OF
			Multipass or Single Pass :		Itipass
The state of the s	abrica		Single or Multiple Electrodes Other :		Single N/A
	0				
1 11.96	Jan		1		
12 A Program	0X 1115567-W 3				1.
Magazin	100			Llowd's Register Tach	mical Sed De X 2010



HIGHER TECH FABRICATOR SDN BHD WELDER PERFORMANCE QUALIFICATION (WPQ)

Welder's name :	M	OHD HAFIS MOHD ARSA	ID .	Identificatio	on no : 860	403-23-5809
			escription		2000	***************************************
dentification of WPS follow	ed :	HTFSB-WPS	001	V	Test coupon P	roduction weld
Specification of base metal	(5) ±	\$4 106 GR	B	Thi	ckness :	10.97 mm
Welder no :	WN001			0110011100		
		Testing conditions	end qualification lim	its		
Welding variable (QW-350	ì		Actual	values	Range	qualified
			Process 1	Process 2	Process 1	Process 2
Welding process(es) :			GTAW	SMAW	GTAW	SMAW
Type (le; manual, semi-auto) used ±		Manual	Manual	Manual	Manual
Backing (metal, weld metal,	double-welded, etc.)	(With / Without)	Without	With	With & Without	B'tek
	diameter if pipe or tut		Ø6*3	Sch 80	Ø 2 7/8" OD	so Unlimited
Base metal P-or 5-number to		1	P I Group to	P I Grow I	P-or S-No. 1 thro	igh P-ar S-No.15F.
					P- or S-No. 34. (and P-or S-No 41
						. 49 or unassigned
						emical composition
Filler metal or electrode spe	cification(s) (SFA)	34	SFA 5.18	SFA 5.1		ied F-Number
Filler metal or electrode clas	일 10 점점 : 문항하다 ~~ ~~		ER70S-G	E-7016		ed F-Number
Filler metal F-Number (s)		/ NB : no backing t	6	4	All F-No. 6	18, 28, 38, 48
Consumable insert (GTAW o		1 months and and the	NO NO			/A
Filler type (solid/metal or fix		N or PAW)	So			Iid
Deposit thickness for each p	The state of the s	neur many		W.	30	OH .
27.00.25.00 200.0 0000 02.0000	GTAW		3 a		16	6 mm
	SMAW		7.97	74430101010101444411		
Position qualified (2G,6G,3F			6		Max 13	.94 mm
a) Groove	eici			3		
	24 in 1980 mm) 0.0	0.0			85	m .
i) Plate and Pipe Over		1				<i>u</i>
ii) Pipe ≤ 24 in. (610 m	my o.u.	01				W.
b) Fillet						
() Plate and Pipe		S.	52.0			u-
Vertical progression (uphill o	or downhill)		Ups			Aill
Type of fuel gas :					, N	<u> </u>
Inert gas backing (GTAW, PA			N	No.		(A
Transfer mode (spray/globu						(A
GTAW current type/polarity	(AC, DCEP, DCEN)	0.	DC	EN	DC	EN
Risual examination of comp Blend test, Transver Pipe bend specimen, co	erse root and face [QW	-462.3(aj]	proble Longitudinal root a Plate bend specim		3(b)], tant overlay [QW-462.5	Side (QW-462.2 (d))
Macro test for fusion [Q	(W-462.5(b))		Macro test for fusi	on [QW-452.5(e)]		
Туре	Result	Type	Result	Type		lesuit
N/A	N/A	N/A	N/A	N/A		N/A
Alternative radiographic exa	mination results (QW-)	191) :	Acceptable	- Refer RT Report	No. (TS/RT/TDE/003)	
Fillet weld — fracture test (0	(W-180) I	N/A	Le	ength and percent	of defects :	N/A
Macro examination (QW-18	4) : <u>N/A</u>	Fillet size (in.)	N/A x	N/A Cor	ncavity/convexity (in.)	: N/A
Other tests :	Thu -	NASRAN (ASNT LES	N/A	Company	WORLD PERSON	IG (M) SDN RHD
Mechanical tests conducted		NASKAN (ASNI LE)	EL III	Company : Laboratory test	THE RESERVE OF THE PERSON NAMED IN COLUMN 1	N/A
Welding supervised by :	Lloyd's Register			***		
We certify that the statemen	nts in this record are co	rrect and that the test coup	oons were prepared,	welded, and teste	d in accordance with th	e
equirements of Section IX c					04000004000	
Prepared by: Cabr	15857-W CD	Witnessed by : (If n	equired)		Approved by: Loyef's firming Too finderwed/Vanifed Kinstel Assurer Coll finder Lorenze Coll	plata
Higher Torb Esta	187	Client		-	Third David Co. 1	trad I security
Higher Tech Fabricant Str					Third Page / Auth	riced inspector
Date: 12/09 /2019		Date:			Date:	



Type: O19 Manual : X Machine : Semi Automatic : O19 Automati
Machine : X Muchine : Semi Automatic : O19 Automatic : Cove : ALL Fillet : ALL
TOTAL CONT. CONT.
nort-Circuiting : Spray : obular : Pulsed :
CEP 2nd Pass and Above CEN X 1st Pass ze: N/A
pe: N/A
ER & WEAVE i): MULTIPASS Longitudinal: N/A
Lateral: N/A Angle: N/A WA
eat input Joint Details
kJ/mm) Som Desars
2.0 max
2.0 max -
2.0 max a ann (-ann)
And all joint details complying to AWS D1.1 Figure 3.3 The Figure 1 Towns 1 10 10 10 10 10 10 10 10 10 10 10 10 1



H	FFS B	No. 483, 1st Floor, Wisma MCA, Jalan Baharu, 71000 Port Dickson, Negeri Sembilan, Malaysia								
			Procedure	Qualifica		ds Specifica	ition (PQR) AWS D1	.1	
	rocess(es)	HIGHER TECH FABRICATOR SDN BHD SMAW HTFSB-PQR-002 HTFSB-WPS-002		MAW Date : 11 FEBRUARY 2019 FSB-PQR-002 By : QA/QC		ster	Type : Manual Machine Semi Automatic Automatic	: X :		
JOINT DE	SIGN USED		3.5.5			POSITION				
Backing	: X : Yes :	VE WELD (SI	NGLE-V) Double Weld No: X	: 🗆		Position of Vertical Progre		Groove : Up : X	6G	Fillet: N/A Down: N/A
	faterial : N/A		Root Face Din	a . Same		ELECTRICAL	CHARTERIST	ics		
Groove Ar	ning : 4mm ngle : 60* ging : Yes : : No :	x	Radius(J-U): Method: N/A			Transfer Mode	e (GMAW)	Short-Circ Globular	uiting:	Spray : Pulsed :
Material S Type or G Material G Thickness Diameter	pec. rade irouping:	: ASTM A106 : B : GROUP NO : Groove : 10 : 6" Sch 40	Welded To	: ASTM A1 : B	06 Fillet : N/A	Current : Other ; Tungsten Elec	AC	DCEN X DCEN X Size: N/A Type: N/A	2nd pass & abo 1st pass	ve
	777.33					TECHNIQUE				
	sification renTrade Nam	(1) E-7016 2.6 ILB-52U	(2) E-7018 2.6 & 3.2 LB-52-18	(Kobelco)		Multi-pass or s	eave Bead: STF single Pass (pe actrodes: SINGL acing	rside): MUI	TIPASS Longitudinal: N/	A
SHIELDIN Flux Electro-Flu	77	: N/A	Gas Composition Flow Rate Gas Cup Size	: N/A : N/A : N/A : N/A		Peening: NO	to Work Distan		Lateral: N/A Angle: N/A	
PREHEAT Preheat To Interpass	emp.	Max.	: Ambient Ten	perature		POST WELD Temp. Time	HEAT TREATM ; N/A ; N/A	MENT		
					WEIDING	PROCEDURE				
102	Trace	Fille	Metals		Current		Travel	Heat lead		Sec. 8
Pass	Process	Class	Dia.	Type & Polarity	Amperage	Volts	Speed mm/min	(kJ/mm)	J	oint Details
1	SMAW	E7016	2.6	DCEN	80	22	94.4	1.12		
2	SMAW	E7018	2.6	DCEP	108	21	105.5	1.29	Ė	
3	SMAW	E7018	3.2	DCEP	119	24	125.5	1.37	Zamma 9	ST S
4	SMAW	E7018	3.2	DCEP	118	24	139.2	1.22		10.59 mm
5	SMAW	E7018	3.2	DCEP	105	20	110.9	1.14	-	9
6	SMAW	E7018	3.2	DCEP	103	Fabrica/o	119.2	1.09		
					Ter Ter	Rag No. 1118567 44	Sdn & look	Cleyel's Reg Raviewed/V Khajiri Ano	Sred Winassed	Display Linguis Linguis Linguis



HIGHER TECH FABRICATOR SDN BHD

No. 483, 1st Floor, Wisma MCA, Jalan Baharu, 71000 Port Dickson, Negeri Sembilan, Malaysia

Procedure Qualification Record (PQR) No: HTFSB-PQR-002 <u>Test Results</u>

TENSILE TEST

Specimen No.	Width (mm)	Thickness (mm)	Area	Ultimate Tensile Load, lb	Ultimate Unit Stress, psi	Character of Failure and Location
TT1	20.02	19.99	221.42	11.4 tf	73006 psi	The specimen shows ductile
111	20.02	19.88	221.42	111455 N	503.36 N/mm2	fracture at base metal
TT2	19.99	10.35	206.9	10.8 tf	74231 psi	The specimen shows ductile
112	19.99	10.33	200.9	105892 N	511.81 N/mm2	fracture at base metal

GUIDED BEND TEST Specimen Type of Bend Result Remarks Transverse Side Bend Pass 1 No visible open defect was observed 2 Transverse Side Bend Pass No visible open defect was observed Pass 3 Transverse Side Bend Open defect was observed measuring 0.2mm at the weld metal Transverse Side Bend 4 Pass No visible open defect was observed

VISUAL INSPECTION

Appearance : Acceptable

Undercut : NIL Piping porosity : NIL Convexity : NIL

Test date : 02 February 2019 Witnessed by : Lloyd's Register

Welder's name: Mohd Hafis Bin Mohd Arsad

I/C No : 860403-23-5809

CHARPY IMPACT TEST

TAG NO.	LOCATION		AVERAGE	

RADIOGRAPHIC-ULTRASONIC EXAMINATION

RT report no: TS/RT/TDE/004 Result: Accept
UT report no: N/A Result: N/A

FILLET WELD TEST RESULTS - N/A

Min. size multiple pass Min. size multiple pass

Macroetch Macroetch N/A N/A

HARDNESS SURVEY - LOAD 10kgf. TYPE = HVN

ALL WELD METAL TENSION TEST - N/A

Tensile strength, psi : N/A Yield point/strength, psi : N/A Elongation in 2 in., % : N/A MACRO EXAMINATION

Macro examination shows satisfactory penetration, no lack of fusion inclusions and other defects.

Test conducted by : Metacos Engineering & Testing Services Sdn. Bhd.

Test No: METSB 19-034

We, the undersigned, control that the statements in this record are correct and that the test welds were preprared, welded, tested in accordance with the record are Correct and that the test welds were preprared, welded, tested in accordance with the record are correct and that the test welds were preprared,

Reg No. 111862

Title : QA/QC

Name :

Date : 12/02/2019

THORNO

Title : Third Party

Signed

Signed

Hoyd's Register Jacheicol SIDe 33000 Raviewed/ Lloyd's Registerd Khalri Anuay 1944 (Um)bah

Date

Name

.

AW	S D1.1:2015	
-	HTES	i
0	STEEL PARKET COME COME	į

HIGHER TECH FABRICATOR SDN BHD

	LDER, WELDING	or Electront ent i						
Type of Welder : SMAW			Welder No.			: WN001		
Name : MOHD HAFIS BIN I			Identification No.		: 860403-23-5809			
Welding Procedure Specific	ation No. : HTFS	SB-WPS-002	Ret	v :0	Dat	te : 18 JANU	ARY 2019	
			Record Actual Value Used in Qualification		Q	ualification Ra	nge	
Variables			*******					
Process / Type [Table 4.12,			SMAW			SMAW		
Electrode (single or multiple) [Table 4.12, Item (7)1	Single			Single		
Current / Polarity		_	DCEP			DCEP		
Position [Table 4.12, item (4			6G			All Positions		
Weld Progression [Table 4.1	Company of the same	-	Uphill			Uphill		
Backing (Yes or No) [Table	4.12, item (6)]	_	NO NO		7 00-00-0	VITH & WITHO		
Material Spec			ASTM A106 GR.B		All bas	se material in T	able 3.1	
Base Metal								
Thickness : (Plate)			AUA			and to United		
Groove		3	N/A	,		mm to Unlimi		
Fillet	Tube)					5 mm to Unlimi	ied	
Thickness : (Pipe /	Tube)		10.07 mm Thi			mm to 24 04		
Groove Fillet		_	10.97 mm Thk. N/A			mm to 21.94 r		
		_	N/A			mm to 21.941	nm	
Diameter : (Pipe) Groove			e in			in OD to Unlin	ited	
Fillet		-	6 in.		4 in. OD to Unlimited			
Filler Metal [Table 4.12]			N/A		All			
Tanada a mana a 1991			SFA 5.1			SFA 5.1		
Class	Spec. No.		E-7016 & E7018			E-7016 & E-70	18	
F-No [Table 4.12, item (2)]			4			4	10	
Gas / Flux Type [Table 4.12			N/A			N/A		
Other	t.		N/A			N/A		
		IMPUAL IN	PRECTION / 4 8 4 1					
		Acceptable: YE						
		Guided Bend	Test Results (4.30.5)					
Type		Results	Туре			Results		
N/A			N/A		-			
N/A			N/A					
		Fillet Test Result	s (4.30.2.3 and 4.30.4.	1)				
Appereance : N/A			Filler Size	: N/A				
Fracture test root penetratio			Macroetch	: N/A				
(Describe the location, nature	and size of any crack	or tearing of specimen	1					
Inconcinal by 1975			Total March	1 21/2				
Inspected by : N/A			Test Number	: N/A				
Organization : N/A			Date : N/A					
		RADIOGRAPHIC T	EST RESULTS (4.30.3	3.2)				
Film identification			Film identifica					
Number	Results	Remarks	Numi		Resu	ılts	Remarks	
0 - 18	Accept	NSD	36 -	0	Acce	ept	NSD	
18 - 36	Accept	Porosity						
	r. Nasran	ricas	Test Number	: TS/RT/	TDE/004			
Interpreted by : N	otal Sterling MS Stn. E		Date : 23 J	ANUARY 20				
	otal Sterilliggman auti. L	17170						
Organization : T	1121	is record and correct a	and that the test welds w	vere prepare	d			
Organization : T	at the statements in th	correct and correct a	and that the test welds was D1.1, (2015) Stru	vere prepare uctural Weldii		nister Technical C	12/2010	
Organization : T We, the undersigned, certify the	at the statements in th	ols of serion 4 of AW	S D1.1, (2015) Stru	vere prepare uctural Weldi	ng Lloyd's Res	gister Technical S Verified, Witness	2/2/2019	
Organization : T We, the undersigned, certify the welded and tested in accordant	hat the state with in the Reg No.	os of senion 4 of AW	S D1.1, (2015) Stru	uctural Weldi	ng Lloyd's Res	Verifed/Wir/ess	2/2/2/9/9/9/14 R	





Gas and Piping/ Pipe Line

We ensure the engineering methodology that comprises of latest technology is utilized to profitably produce, transport and distribute these products.

Higher Tech Engineering provide clients with a complete oil and gas pipeline solution from GIS capability, distributed control and instrumentation packages and a solid background in premits and community relations as well as the ability to design and optimise the actual pipeline itself. We have the practical experience, technical background and specialized tools necessary to meet owner specifications and government regulations. Our engineering management covers the entire spectrum of engineering servixes, renging from basic and detailed engineering to construcetion supervision and project commissioning. We ensure the highest quality standards bycombining advanced technology with extensive knowledge and experience.













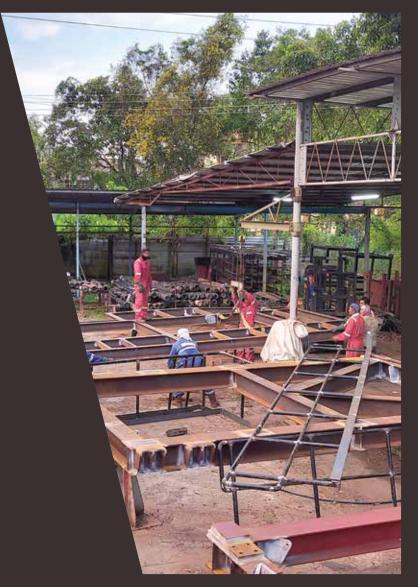




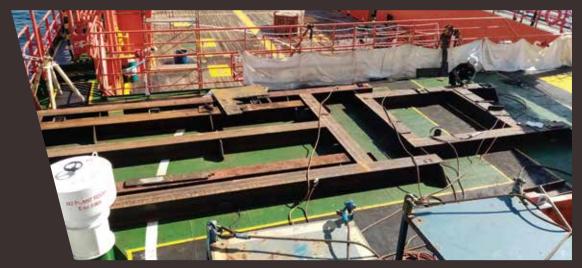


Steel Structure and Installation

Often times challenging project requires complex Steel Fabrication. Our clients put their trust to our unmatched capabilities of meeting their complex design-build requirements. As the recognized expert in steel fabrication industries, the core priority of our company is to successfully exceed client expectation by focusing on innovation, knowledge and commitment on every each of our professional work product.

























Steel Repair and Maintenance

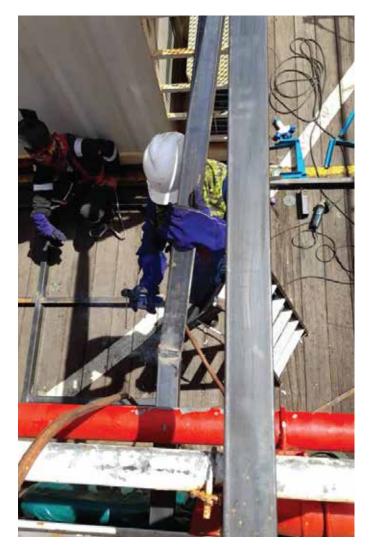
We provide of steel repair and maintenance services not only in oil and gas bit also all engineering industries. We will meet all your needed repairs and maintenance according to your specifications.

Dedicated to provide quality services at an affordable price regardless of the scope of work received either major or minor. With our qualified technicians and extensive experience, we will ensure the repair and maintenance of our service will not dissappoint you.



























Ship & Rig Repair and Maintenance

With an open sea accessible, strategic and ISPS location in the main yard of Labuan and Peninsular Malaysia, Higher Tech Engineering is dedicated in hiring the most experienced and talented management team who understand the need to safely re-deliver a vessel on-time and on-budget. Our shipyards and our people are committed to quality, continuous improvement.



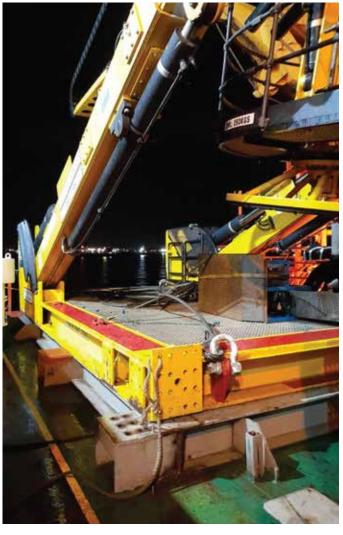




















Sea Fastening Services

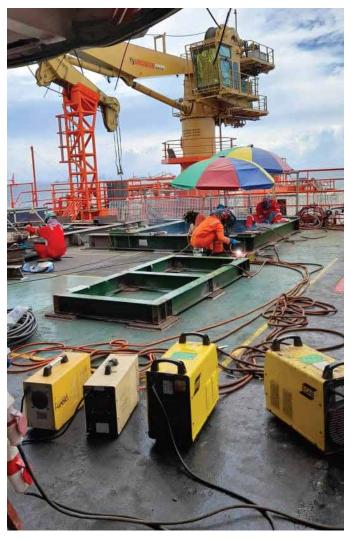
We understand the need for safety securing cargo and abnormal loads at sea in order that no movement occurs that may result in costly damage. The safe passage of vessel, cargo and crew remain paramount in the provision of sea fastening servoces and we endeavour to design bespoke sea fasteing systems to meet the needs of individual cargo and ships/barges. We are committed and deliver services to the most demanding requirements of offshore transportation with the capabilities of customing solutions to suit your specific requirements.

With many years of experience in the oil and gas and engineering industry, we pride ourselves in knowing what you need, why you need it and having the best soltion available.























06

Blasting and Painting Works

We provides various types of blasting and painting services in all engineering industry. We understand that surface preparation is essential for satisfactory performance of any paint systmes will fail if surface preparation is inadequate either in cleanliness or profile.

Our highly skilled blasters and painters are committed to provide the best solutions, methods, quality and value in areas such as Shipyards, LNG Plants, fabrication faicilities, offshore and onshore projects and more. We work in difficult to reach locations, for repair work or where there are time restraints in completing a project. Rope Access is a mean to complete your projects safely, on-time and within budget. All our coating system are applied in accordance with the respective paint manufactures specifications. This process closely monitored throughout the coating application.



















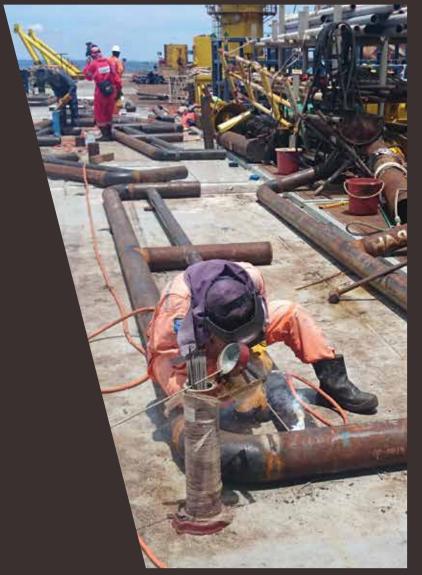




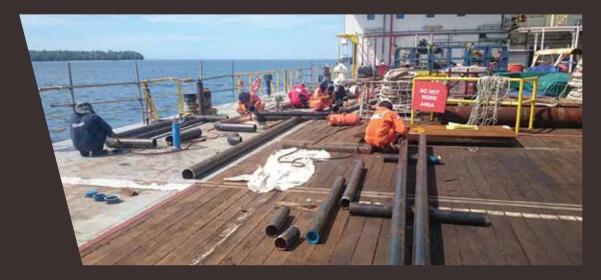


O7 Barge Handrail Works

The main function of handrails is to act as a barrier and guidance. Handrails are an excellent safety barrier in case someone trip, missed step, or losing balance. To prevent any accidents in the work area, Higher Tech Engineering plays a big role in providing separation, support and safety for our customers.



















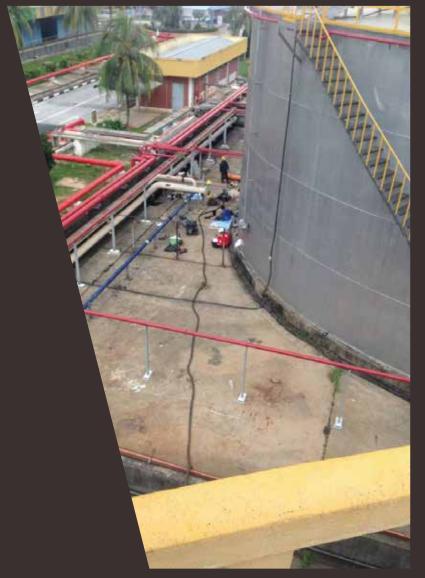


80

Tank and Bundle Cleaning

We are specializes in cleaning tanks that are utilized to store various chemical product types including crude oil, fuel oil, slop oil, hazardous chemicals, wastewater, asphalt and other products.

From rotine maintenance to remove solids and sludge, decontamination measures, tank renovation or the demolition and decommissioning of a tank, our trained personnel will perform the storage tank cleaning.







COMPANY WORK EXPERIENCE

TA Project Petronas Melaka MRCSB

















Vessel AT 300 Sapura Subsea Services Shell

SKD ESPERANZA JACK UP RIG ROV PROJECT











With the test of time, our strength and reliability have endured for four generations as the Malaysia's leading custom steel fabricator also in oil and gas industries. Since 2014, Standard Steel Fabricating has supplied and fabricated steel components for virtually every type of steel building construction and marine structure.

Founded on the principle of delivering the best product at a reasonable price and a strong work ethic, Standard Steel continues to meet the most demanding specifications from plans to the delivery of required steel for erection.

Any organization that hire us, we will provide the best solution nevertherless of the size of its organization.





+60 1127366551



admin@highertechengineering.com mnasir@highertechengineering.com husaini@highertechengineering.com



HQ No. 130, Batu 1 Jalan Bypass, 71000, Port Dickson, Negeri Sembilan.

KEMAMAN BRANCH Lot 10, OYP II, 0222, Kemaman Supply Base, 24007 Kemaman, Terengganu Darul Iman.

LABUAN BRANCH U0472B, Tingkat 2, Blok A, Phase 3 Lazenda Shophouse, Jalan OKK Abdullah,

87008, Wilayah Persekutuan Labuan, Malaysia.

