BIO-DATA

POST APPLIED FOR	*6G GTAW+SMAW WELDER (CS/SS)*
EXPERIENCE IN INDIA	02 YEAR'S
EXIPIRIENCE IN ABROAD	12 YRAR'S
QUALIFICATION	10th PASSED
LANGUAGE'S KNOWN	HINDI & ENGLISH
DATE OF BIRTH	15.01.1986
PLACE OF BIRTH	MUZAFFARPUR IHAR
RELIGION	HINDU
NATIONALITY	INDIAN



PARTICULARS AS PER PASSPORT

NAME	**NIRANJAN KUMAR**
FATHE'S NAME	BASUDEO MAHTO
MORTH'S NAME	SITAPATI DEVI
WIFE NAME	RINA DEVI
PASSPORT NO	**Y3295133**
PLACE OF ISSUE	**PATNA**
DATE OF ISSUE	10.06.2024
DATE OF EXPIRE	09.06.2034

PERMANENT ADDRESS	**PRESENT ADDRESS**
NAME-NRANJAN KUMAR VILLAGE-BAIRIA MOHNA POST- KLHUA PAIGAMBERPUR P.S-AHIYAPUR DIST-MUZAFFARPUR STATE-BIHAR PIN CODE- 84108 MOB.- +91 7654732682 & 8873372380	VILL- MUZA BANGRA POST-BANGRA P.S-DEORIA DIST-MUZAFFARPUR STATE-BIHAR PIN-843120 MOB- +91 7654732682 & 8873372380

JOB DESCRIPTION

NAME OF COMPANY	DESIGNATION	PERIOD OF SERVICE
PUNJ LLOYD KZAKHASTAN .	***WELDER***	02.10.2004 TO 10.11.2006
M/S STG GAMMON CONSORTIUM	***WELDER***	02.12.2006 TO 10.06.2007
PUNJ LLOYED YEMEN	***WELDER***	20.07.2007 TO 10.06.2008
PUNJ LLOYD LTD.	***WELDER***	08.06.2009 TO 05.10.2009
KALPATRU POWER TRANS LTD.	***WELDER***	01.11.2009 TO 20.05.2010
PUNJ LLOYD OIL & GAS MALAYSIA	***WELDER***	23.06.2010 TO 25.08.2013
AL ASAB EST GEN & TRANS CO. ABU DHABI	***WELDER***	22.04.2014 TO 18.04.2015
PETRON GULF LLC OMAN	***WELDER***	25.03.2016 TO 12.10.2016
NASEER AL HAJARI COR, SAUDI	***WELDER***	23.02.2017 TO 04.02.2018
L&T HYDROCARBON SAUDI	***WELDER***	16.03.2019 TO 29.02.2020
KAZ STORY SERVICE PVT. LTD.	***WELDER***	04.05.2021 TO 30.10.2021
L&T HYDROCARBON SAUDI	***WELDER***	06.06.2022 TO 25.06.2024

Date.....

SIGNATURE

Niranjan kumar.

AL ASAB EST.
GEN. TRANSP. & CONTRACTING

مؤسسة العصب
للنقليات والمقاولات العامة

Date: 25th April 2015.

Ref.No. AA/HO/1010/15/1355

Service Certificate

This is to certify that Mr. NIRANJAN KUMAR MAHTO BASDEO (ID No.12063) Indian Nationality bearing Passport No. J-1199513, Worked in our organization as PIPELINE WELDER from 22-04-2014 to 18-04-2015.

Rizwan Parkar
HR & Admin Manager

H.O. - Abu Dhabi, U.A.E. P.O.BOX : 4662, Tel.: 02-5550163, Fax : 02-5538809
Web: www.alasab.com

ISO 9001, ISO 14001 & OHSAS 18001 CERTIFIED

Punj Lloyd Oil & Gas (Malaysia) Sdn Bhd
Project Office, Similajau, Bintulu-Miri Coastal Highway
PO Box No. 1219, 97000 Bintulu, Sarawak, Malaysia
T +60 13 830 4000 F +60 19 854 2376
www.punjlloyd.com

Punj Lloyd™

CERTIFICATE OF EMPLOYMENT

IT IS HEREBY CERTIFIED THAT MR. NIRANJAN KUMAR MAHTO, HOLDER OF THE INDIAN PASSPORT NO. J1199513 WAS EMPLOYED AS A WELDER-PIPELINE FOR SABAH-SARAWAK GAS PIPELINE PROJECT BY THE EMPLOYER PUNJ LLOYD OIL & GAS (MALAYSIA) SDN BHD RESIDING AT BINTULU, SARAWAK-MALAYSIA.

THE ABOVE MENTIONED EMPLOYMENT TERM COMMENCED ON THE 23RD JUN 2010 AND ENDED ON THE 25TH AUG 2013.

HE HAS BEEN RETRENCHED DUE TO REDUCTION IN VOLUME OF WORK AT SSGP PROJECT.
HE IS A VERY HARDWORKING INDIVIDUAL AND WE WISH HIM ALL THE VERY BEST FOR HIS FUTURE ENDEAVORS.

FOR PUNJ LLOYD OIL & GAS (MALAYSIA) SDN BHD

M P RAJENDRAN
SR MANAGER-HR & ADMIN
(AUTHORIZED SIGNATORY)

DATE: 28TH AUGUST 2013
PLACE: BINTULU, MALAYSIA.

HIC - 146

Industrial Support Services Company

Post Box 11501, Dammam 31463, K.S.A

Ph # 8447733 Fax # 8448833

e-mail: info@issksa.com



WELDER PERFORMANCE QUALIFICATION (WPQ)

Client/Contractor:	L&T HYDROCARBON SAUDI COMPANY	Certificate#	20220526-1
Welder name:	NIRANJAN KUMAR	Symbol/Stamp No:	LTAP-W-33
Iqama/Passport No.:	2521313201	Date Welded:	18-07-2022

TEST DESCRIPTION

Identification of WPS followed	LTHSC-AP-WPS-16 Rev.2	■ Tes Test coupon ☐	Production weld
Specification of base metal(s)	ASTM A 106 Gr B to ASTM A 106 Gr B	Thickness	18.26 mm

TESTING VARIABLES AND QUALIFICATION LIMITS

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW + SMAW	GTAW, SMAW
Type(ie; manual, semi-automatic) used	Manual	Manual
Backing (with / without)	GTAW-Without & SMAW-With	GTAW-With or Without & SMAW-With Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	6" NPS (168.3mm OD)	Plate & Pipe 2⅞" (73 mm) O.D & Over
Base Metal P-Number to P-Number	P-No.1 To P-No.1	P-No.1 thru P-No.15F, P-No.34 & P-No.41 thru P-No.49
Filler Metal Deletion / Addition (GTAW or PAW)	Addition	Addition
Filler Metal or electrode specification(s) (SFA) (info. only)	SFA 5.18 & 5.1	--
Filler Metal or electrode classification(s) (info. only)	ER70S-2 + E7018-1	--
Filler Metal F-Number(s)	F-No. 6 + F-No. 4	All F No.6 With / Without & F No.1 thru. F No.4 With Backing
Consumable insert (GTAW or PAW)	Without	Without Consumable Insert Only
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposited thickness for each process		
Process 1 GTAW 3 layers minimum ☐ Yes ■ No	5.0 mm	Up to 10.0 mm Thickness
Process 2 SMAW 3 layers minimum ■ Yes ☐ No	13.26 mm	Maximum Thickness to be Welded
Position(s)	Groove-6G	All - (Groove, Fillet & Tack)
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW, PAW, GMAW)	Without Inert Gas Backing	With /Without Inert Gas Backing
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld [QW-302.4] Accepted

☐ Transverse face and root bends [QW-462.3(a)] ☐ Longitudinal bends [QW-462.3(b)] ☐ Side bends [QW-462.2)

☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result	Type	Result
None	N/A	None	N/A	None	N/A
None	N/A	None	N/A	None	N/A

Alternative volumetric examination results (QW-191) : Accepted RT ■ or UT ☐ (Check One)

Fillet Weld_fracture test(QW-181.2) N/A Length and percent of defects N/A

☐ Fillet welds in plate [qw-462.4(b) ☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184) None Fillet size(in.) N/A Concavity/convexity(in.) N/A

Other tests None

Film or specimens evaluated by Mr. RAKKU PANDI Company Industrial Support Services Company

Mechanical tests conducted by None Test Cert. No. RT Report# 15153 (Date.19-07-2022)

Welding supervised by Mr.venkat

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE 2021 Edition.

Witnessed & Certified By	Reviewed By	Client / Contractor Representative:
Signature	Signature	Signature
Date : 21-07-2022	Date : 21-07-2022	Date :
Print Name : AJMAL KHAN	Print Name : CHANDRA VETTATHU	Print Name : Mr.Dileesh Damodaran
(CSWIP CERT. NO: 325770)		

Industrial Support Services Company

Post Box 11501, Dammam 31463, K.S.A

Ph # 8447733 Fax # 8448833

e-mail: info@issksa.com



WELDER PERFORMANCE QUALIFICATION (WPQ)

Client/Contractor:	L&T HYDROCARBON SAUDI COMPANY.	Certificate#	20220717-04
Welder name:	NIRANJAN KUMAR	Symbol/Stamp No:	LTAP-W-33
Iqama/Passport No.:	2521313201	Date Welded:	27-Sep-22

TEST DESCRIPTION

Identification of WPS followed	LTHSC-AP-WPS-25 , REV 1	■ Tes Test coupon ☐ Production weld	
Specification of base metal(s)	SA 106 Gr.B to SA 106 Gr.B	Thickness	5.54 mm

TESTING VARIABLES AND QUALIFICATION LIMITS

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW	GTAW
Type(ie; manual, semi-automatic) used	Manual	Manual
Backing (with / without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	2" NPS (60.32 mm OD)	Plate & Pipe 1" (25 mm) O.D & Over
Base Metal P-Number to P-Number	P-No.1 To P-No.1	P-No.1 thru P-No.15F, P-No.34 & P-No.41 thru P-No.49
Filler Metal Deletion / Addition (GTAW or PAW)	Addition	Addition
Filler Metal or electrode specification(s) (SFA) (info. only)	SFA 5.18	--
Filler Metal or electrode classification(s) (info. only)	ER70S-2	--
Filler Metal F-Number(s)	F-No. 6	All F No.6 With / Without Backing
Consumable insert (GTAW or PAW)	Without	Without Consumable Insert Only
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposited thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No	5.54 mm	Up to 11.08 mm Thickness
Process 2 None 3 layers minimum ☐ Yes ☐ No	None	N/A
Position(s)	Groove-6G	All - (Groove, Fillet & Tack)
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW, PAW, GMAW)	Without Inert Gas Backing	With /Without Inert Gas Backing
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld [QW-302.4] Accepted

☐ Transverse face and root bends [QW-462.3(a)] ☐ Longitudinal bends [QW-462.3(b)] ☐ Side bends [QW-462.2)

☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result	Type	Result
None	N/A	None	N/A	None	N/A
None	N/A	None	N/A	None	N/A

Alternative volumetric examination results (QW-191) : Accepted RT ■ or UT ☐ (Check One)

Fillet Weld_fracture test(QW-181.2) N/A Length and percent of defects N/A

☐ Fillet welds in plate [qw-462.4(b) ☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184) None Fillet size(in.) N/A Concavity/convexity(in.) N/A

Other tests None

Film or specimens evaluated by Mr.RAKKU PANDI Company Industrial Support Service Company

Mechanical tests conducted by None Test Cert. No. RT Report# 16538 (Date. 28-SEP-2022)

Welding supervised by Mr.AMALAN G

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE 2021 Edition.

Witnessed & Certified By	Reviewed By	Client / Contractor Representative:
Signature	Signature	Signature
Date : 28-Sep-22	Date : 28-Sep-22	Date :
Print Name : DITTO BINU	Print Name : VISHNU.R	Print Name : Mr.Karthik Shaktivel
(CSWIP CERT. NO: 366190)		

EMPLOYER	Engineering, Procurement and Construction (EPC) Contract FARABI Normal Paraffin and Derivatives Complex Yanbu, Kingdom of Saudi Arabia	EPC CONTRACTOR
FARABI YANBU		Larsen & Toubro ATCO Saudi L.L.C.
PMC thyssenkrupp	**WELDER QUALIFICATIONS RECORD (WQR)** (Section IX, ASME Boiler and Pressure Vessel Code)	

Qualified Date:

Welder's name **NIRANJAN KUMAR** Welder ID No **LTD-099** Certificate No. **G446-WQT-152**

Welding process(es) used **GTAW+SMAW** Type **6G**

Identification of WPS followed by welder during welding of test coupon **FARABI/L&T/WPS/PIPE-02**

Base material(s) welded **ASTM A106 GR B** Thickness **7.11 mm**



Manual or Semiautomatic Variable for Each Process (QW-350)	Actual Values	Range Qualified
Backing (metal, weld metal, welded from both sides, flux, etc.) (QW-402)	N.A	N.A
ASME P-No **P1** to ASME P-No (QW-403)	P.NO 1 TO P.NO 1	P.NO THRU 15F,34,41 THRU 49
( ) Plate ( ) Pipe center diameter, if pipe	6" OD	2 7/8 " OD & ABOVE
Filler metal specification (SFA) : **5.18 & 5.1** Classification (QW-404)	ER 70S2 + E7018	ER 70S2 + E7018
Filler metal F-No.	6 & 4	6 WITH & WITHOUT BACKING & 1 TO 4 WITH BACKING
Consumable insert for GTAW or PAW	N/A	N/A
Weld deposit thickness for each welding process	GTAW = 4mm & SMAW = 3.11mm	GTAW = 8mm MAX. & SMAW = 6.22 mm MAX.
Welding position (1G, 5G, etc.) (QW-405)	6G	ALL
Progression (uphill / downhill)	UPHILL	UPHILL
Backing gas for GTAW, PAW or GMAW : fuel gas for OFW (QW-408)	N/A	N/A
GMAW transfer mode (QW-409)	N/A	N/A
GTAW, SMAW welding current type / polarity	DECN + DECP	DECN + DECP

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualifies
Direct / remore visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 5G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guided Bend Tests Type ( ) QW-462.2 (Side)Results ( ) QW-462.3 (a) (Trans. R & F) Type ( ) QW-462.3 (b) (Long R & F) Results

		NA	

Visual examination results (QW-302.4) satisfactory

Radiographic test results (QW-304 and QW-305) satisfactory (Report No.: L&T-ISS-RT-RP-079) Date : 28-Mar-19

(For altenative qualification of groove welds by radiography)

Fillet Weld - Fracture test ----- Length and percent of defects -----

Macro test fusion ----- Fillet leg size ----- in x ----- in Concavity / convexity ----- in

Note:

PREPARED/CHECKED BY CONTRACTOR	REVIEWED/WITNESSED BY EMPLOYER / PMC / TPI
NAME: Venkatachala, Matt.	NAME:
SIGNATURE:	SIGNATURE:
DATE: 28/3/19	DATE:

L&T ATCO SAUDI LLC. QA / QC Gas Reproc. Project, YANBU

Format No.: G446-0000-QA-FM111 Rev.01

EMPLOYER	Engineering, Procurement and Construction (EPC) Contract FARABI Normal Paraffin and Derivatives Complex Yanbu, Kingdom of Saudi Arabia	EPC CONTRACTOR
PMC thyssenkrupp	**WELDER QUALIFICATIONS RECORD (WQR)** **(Section IX, ASME Boiler and Pressure Vessel Code)**	Larsen & Toubro ARCO Limited L.L.C

Qualified Date:

Welder's name: **NIRANJAN KUMAR** Welder ID No. **G446-LTD-99** Certificate No **G446/FARABI/L&T/WQT-149**

Welding process(es) used: **GTAW** Type: **Manual**

Identification of WPS followed by welder during welding of test coupon: **FARABI/L&T/WPS/PIPE-01**

Base material(s) welded: **ASTM A106** Thickness: **5.54 mm**



Manual or Semiautomatic Variable for Each Process (QW-350)	Actual Values	Range Qualified
Backing (metal, weld metal, welded from both sides, flux, etc.) (QW-402)	N/A	N/A
ASME P-No **P1** to ASME P-No (QW-403)	P.No 1 to P.No. 1	P.No 1 thru 15F, 34, 41 thru 49
( ) Plate (√) Pipe center diameter, if pipe	Pipe OD 2"	Plate & Pipe OD 1" & Above
Filler metal specification (SFA) : **5.18** Classification (QW-404)	ER 70S-2	
Filler metal F-No.	6	All F. No. 6
Consumable insert for GTAW or PAW	N/A	N/A
Weld deposit thickness for each welding process	5.54 mm	11.08 mm maximum to be weld
Welding position (1G, 5G, etc.) (QW-405)	6G	All
Progression (uphill / downhill)	Uphill	Uphill
Backing gas for GTAW, PAW or GMAW : fuel gas for OFW (QW-408)	N/A	N/A
GMAW transfer mode (QW-409)	N/A	N/A
GTAW, SMAW welding current type / polarity	DCEN	DCEN

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualifies
Direct / remore visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 5G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guided Bend Tests Type ( ) QW-462.2 (Side)Results ( ) QW-462.3 (a) (Trans. R & F) Type ( ) QW-462.3 (b) (Long R & F) Results

		NA	

Visual examination results (QW-302.4) G446-WQT-6G-149

Radiographic test results (QW-304 and QW-305) L&T-ISS-RT-RP-0065 Date : 23-Mar-19

(For alternative qualification of groove welds by radiography)

Fillet Weld - Fracture test ----- Length and percent of defects -----

Macro test fusion ----- Fillet leg size ----- in x ----- in Concavity / convexity ----- in

Note:

PREPARED/CHECKED BY CONTRACTOR	REVIEWED/WITNESSED BY EMPLOYER / PMC / TPI
NAME: G. Ramesh	NAME:
SIGNATURE:	SIGNATURE:
DATE: 5/4/19	DATE:

GASCO Abu Dhabi Gas Industries Ltd.	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting
AGREEMENT NO.:TP.12.062	WELDER PERFORMANCE QUALIFICATION RECORD (WPQR) AS PER ASME SEC IX	PROJECT NO.:0300526

DOCUMENT FORMAT NO.:0300526-RT-GEN-99-F004 Rev-0

Welder Name :	Mr.Niranjan Kumar Mahto	Certificate No.	:LG-WPQR-SP-011
Identification no.	WA-046	Date	: 27.04.2014

WPS NO: 0300526-PP-GEN-99-163,Rev-0

TEST DESCRIPTION

Specification of base metals	A333 Gr.6
Welding Process	GTAW
Type (i.e: manual/Semi-auto/Auto)	MANUAL
Thickness of test Coupon	2 " X 5.5372 mm



Testing Conditions and Qualification Limits

Welding Variables	Actual values	Range Qualified
Backing (metal, weld metal, double welded, etc.)	No	No
□Plate √ Pipe (Enter diameter if pipe or tube)	2"	Dia. 1 inch & Over
Base metal P- Number to P- Number	1	1
Filler metal or electrode specification(s) (SFA) (info only)	5.18 & 5.1	5.18 & 5.1
Filler metal or electrode classification(s) (info only)	Root & Hot -ER70S2, Others-E7018-1	Root & Hot -ER70S2, Others-E7018-1
Filler metal F-Number(s)	6 & 4	6 & 1,2,3,4
Weld Deposit Thickness For SMAW	GTAW-5.5372 mm	GTAW-11.07 mm
Qualified For Passes (Root,Hot,Fillup & Cap)	All	All
Weld Deposit Thickness For GMAW	NA	NA
Position qualified (2G, 6G,3F, 5G etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Sheilding Gas	Argon(99.99%)	Argon(99.99%)
Inert gas backing(GTAW, PAW, GMAW)	NA	NA
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
SMAW Welding current type/polarity (AC, DCEP,DCEN)	GTAW-DCEN	GTAW-DCEN

RESULTS

WQT ID	: WQT-LG-SP-018-NKM & Joint no.:034	Length and percentage of defects	: NA
Visual Examination Results	: ACC- Rep. No: LG-FWVR-PP-008,dtd 27.04.14	Concavity/convexity	: NA
Radiography Test result	: ACC	Fillet Leg size :	: NA
RT Report No.	: LG-WQT-008 dtd 27.04.2014	Fillet weld -fracture test	: NA
Bend Test Result	: NA	Other tests(if any)	: NA
Bend Test Report	: NA	Remarks	: Nil

Note : We certify that the statements in this record are correct and the test coupons were prepared, welded, and tested in accordance with the requirements of ASME SEC IX, DGS-6300-001 and its ADDENDUM.

	AL ASAB-QA/QC	COMPANY / TPL
Signature:		AYYAPPAN.K
Name:		
Designation:		QCI
Date:	27/4/14.	28/04/2014

AL ASAB GEN. TRANS. & CONT. EST. QA/QC ABU DHABI

Intertek Reviewed Witnessed

TUV ARUNJODS

GASCO Abu Dhabi Gas Industries Ltd.	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting
AGREEMENT NO.:TP.12.062	WELDER PERFORMANCE QUALIFICATION RECORD (WPQR) AS PER ASME SEC IX	PROJECT NO.:0300526

DOCUMENT FORMAT NO.:0300526-RT-GEN-99-F004 Rev-0

Welder Name :	Mr.Niranjan Kumar Mahto	Certificate No.	:LG-WPQR-SP-009
Identification no.	WA-046	Date	: 27.04.2014

WPS NO: 0300526-PP-GEN-99-163,Rev-0

TEST DESCRIPTION

Specification of base metals	A333 Gr.6/APL 5L X52 PSL 1
Welding Process	GTAW + SMAW
Type (i.e: manual/Semi-auto/Auto)	MANUAL
Thickness of test Coupon	6 " X 7.11 mm



Testing Conditions and Qualification Limits

Welding Variables	Actual values	Range Qualified
Backing (metal, weld metal, double welded, etc.)	No	No
□Plate √ Pipe (Enter diameter if pipe or tube)	6"	Dia. 2.875 inch & Over
Base metal P- Number to P- Number	1	1
Filler metal or electrode specification(s) (SFA) (info only)	5.18 & 5.1	5.18 & 5.1
Filler metal or electrode classification(s) (info only)	Root & Hot -ER70S2, Others-E7018-1	Root & Hot -ER70S2, Others-E7018-1
Filler metal F-Number(s)	6 & 4	6 & 1,2,3,4
Weld Deposit Thickness For SMAW	GTAW-2.6mm ,SMAW- 4.51 mm	GTAW-5.2 mm ,SMAW- 9.02 mm
Qualified For Passes (Root,Hot,Fillup & Cap)	All	All
Weld Deposit Thickness For GMAW	NA	NA
Position qualified (2G, 6G,3F, 5G etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Sheilding Gas	Argon(99.99%)	Argon(99.99%)
Inert gas backing(GTAW, PAW, GMAW)	NA	NA
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
SMAW Welding current type/polarity (AC, DCEP,DCEN)	GTAW-DCEN,SMAW-DCEP	GTAW-DCEN,SMAW-DCEP

RESULTS

WQT ID	: WQT-LG-SP-18-NKM & Joint no.:032	Length and percentage of defects	: NA
Visual Examination Results	: ACC- Rep.No: LG-FWVR-PP-007,dtd 27.04.14	Concavity/convexity	: NA
Radiography Test result	: ACC	Fillet Leg size :	: NA
RT Report No.	: LG-RT-WQT-007 dtd 27.04.2014	Fillet weld -fracture test	: NA
Bend Test Result	: NA	Other tests(if any)	: NA
Bend Test Report	: NA	Remarks	: Nil

Note : We certify that the statements in this record are correct and the test coupons were prepared, welded, and tested in accordance with the requirements of ASME SEC IX, DGS-6300-001 and its ADDENDUM.

	AL ASAB-QA/QC	COMPANY / TPI
Signature:		
Name:		
Designation:		
Date:		

Intertek Reviewed Witnessed QA/QC 28/08/2014 AE-27

Orpic أوربك

DAELIM Petrofac Petron Gulf LLC



SOHAR REFINERY IMPROVEMENT PROJECT (SRIP)

WELDER PERFORMANCE QUALIFICATIONS(WPQ)

(Certificate No.ASM-GTSM-554-1)

(QW-301, Section IX, ASME Boiler and Pressure Vessel Code)

Welder's name NIRANJAN KUMAR MAHTO Identification No. W-554

Test Description

Identification of WPS followed WPS-Petron-GTSM-02 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS No.of base metal(s) : A106 GR B Thickness : 10.97 mm Date of Test : 30/03/2016

Test Variables and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW+SMAW	GTAW+SMAW
Type(i.e.; manual, semi-automatic) used	Manual	Manual
Backing(with/without)	GTAW-Without, SMAW-Weld metal	GTAW-With/Without, SMAW-With Only
Plate ☐ Pipe ■ (enter diameter if pipe or tube)	PIPE 6"NPS x 10.97mm	Plate & Pipe ≥ 2 7/8"(73 mm) OD
Base metal P-Number to P-Number	P-1	P-1 to P-15F, P-34 & P-41 to P-49
Filler metal or electrode specification(s)(SFA) (info. only)	SFA 5.18, SFA 5.1	
Filler metal or electrode classifications(s) (info. only)	ER70S-2, E7018	
Filler metal F-Number(s)	GTAW F-6, SMAW F-4	F6 , F1 to F4 with backing
Consumable insert(GTAW or PAW)	None	None
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid Wire	Solid Wire
Deposit thickness for each process		
Process 1: GTAW 3 layers minimum ■ Yes ☐ No	3.5	7
Process 2: SMAW 3 layers minimum ☐ Yes ☐ No	7.47	14.94
Position qualified(2G,6G,3F,etc.)	6G	ALL POSITION
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	Without	With/Without
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW,SMAW current type/polarity(AC,DCEP,DCEN)	DCEN/DCEP	DCEN/DCEP

RESULTS

Visual Examination of Completed Weld)QW-302.4) : **Accepted**

Transverse face and root bends (QW-462.3(a); ☐ Longitudinal root and face bends(QW-462.3(b); ☐ Side bends(QW-462.2); ☐

Pipe bend specimen,corrosion-resistant overlay[QW-462.5(c)]) ☐ Plate bend specimen,corrosion- resistant overlay[QW-462.5(d)]; ☐

Pipe Specimen Macro test for fusion[QW-462.5(b)]; ☐ Plate Specimen Macro test for fusion QW-462.5(e)]; ☐

Type	Result	Type	Result	Type	Result
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Alternative radiographic examination results(QW-491) Accepted / Report No. SRIP/INS/PG/WQT/RT/00061 (Page :12)Date: 02/04/2016

None Length and percent of defects --

☐ Fillet welds in Plate[QW-462.4(b)] ☐ Fillet welds in Pipe [QW-462.4(c)]

Macro examination (QW-184) None Fillet size(in.) N/A Concavity/convexity(in.) N/A

Other tests None

Film or ~~specimens~~ evaluated by LITUNA BEHERA Company : INTERNATIONAL INSPECTION SERVICES LLC,OMAN

Mechanical tests conducted by None Laboratary test no. NA

Welding supervised by :- Petron Gulf LLC (MOHIT SHUKLA Welding inspector)

We certify that the statements in this record are correct and that the test coupons were prepared,welded and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.

Petron Gulf LLC.	Client / TPI
Name. DEBAJYOTI KARMAKAR	Name. MARSHALL RODRIGUES.
Signature.	Signature.
Date. 11.04.2016	Date. 13.04.2016

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SOHAR REFINERY IMPROVEMENT PROJECT (SRIP)

WELDER PERFORMANCE QUALIFICATIONS(WPQ)

(Certificate No.ASM-GT-554-2)

Welder's name: NIRANJAN KUMAR MAHTO — Identification No.: W-554

Test Description

Identification of WPS followed: WPS-Petron-GT-01 — ■ Test coupon — ☐ Production weld

Specification and type/grade or UNS No.of base metal(s) : A106 GR B — Thickness : 5.54 mm — Date of Test-02/04 /2015

Welding Variables(QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW	GTAW
Type(i.e.; manual, semi-automatic) used	Manual	Manual
Backing(with/without)	Without	With/Without
Plate ☐ Pipe ■ (enter diameter if pipe or tube)	PIPE 2"NPS x 5.54mm	Plate & Pipe ≥ 1" OD
Base metal P-Number to P-Number	P-1	P-1 to P-15F, P-34 & P-41 to P-49
Filler metal or electrode specification(s)(SFA) (info. only)	SFA 5.18	
Filler metal or electrode classifications(s) (info. only)	ER70S-2	
Filler metal F-Number(s)	GTAW F-6	F6 With/without backing
Consumable insert(GTAW or PAW)	None	None
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid Wire	Solid Wire
Deposit thickness for each process		
Process 1: GTAW 3 layers minimum ■ Yes ☐ No	5.54mm	Upto 11.08 mm
Process 2: N/A 3 layers minimum ☐ Yes ☐ No	—	—
Position qualified(2G,6G,3F,etc.)	6G	ALL POSITION
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	Without	With/Without
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld)QW-302.4) : **Accepted**

Transverse face and root bends (QW-462.3(a); ☐ Longitudinal root and face bends(QW-462.3(b); ☐ Side bends(QW-462.2); ☐

Pipe bend specimen,corrosion-resistant overlay[QW-462.5(c)]) ☐ Plate bend specimen,corrosion- resistant overlay[QW-462.5(d)]; ☐

Pipe Specimen Macro test for fusion[QW-462.5(b)]; ☐ Plate Specimen Macro test for fusion QW-462.5(e)]; ☐

Type	Result	Type	Result	Type	Result
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Alternative radiographic examination results(QW-491) **Accepted / Report No. SRIP/INS/PG/WQT/RT/00062 (Page :16) Date: 05/04/2016)**

Fillet weld - fracture test(QW-181.2): None — Length and percent of defects: --

☐ Fillet welds in Plate[QW-462.4(b)] ☐ Fillet welds in Pipe [QW-462.4(c)]

Macro examination (QW-184): None — Fillet size(in.): N/A — Concavity/convexity(in.): N/A

Other tests: None

Film or ~~specimens~~ evaluated by: MR.ANIL KUMAR — Company : INTERNATIONAL INSPECTION SERVICES LLC,OMAN

Mechanical tests conducted by: None — Laboratary test no.: NA

Welding supervised by :- Petron Gulf LLC (MOHIT SHUKLA Welding inspector)

We certify that the statements in this record are correct and that the test coupons were prepared,welded and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.

Petron Gulf LLC.	Client / TPI
Name. DEBAJYOTI KARMAKAR	Name. MARSHALL RODRIGUES.
Signature.	Signature.
Date. 11.04.2016	Date. 13.04.2016



Petron Gulf LLC

DAELIM Petrofac

Petron

SOHAR REFINERY IMPROVEMENT PROJECT (SRIP)

WELDER PERFORMANCE QUALIFICATIONS(WPQ)

(Certificate No.ASM-GT-554)

(QW-301, Section IX, ASME Boiler and Pressure Vessel Code)

Welder's name **NIRANJAN KUMAR** Identification No. **W-554**

Test Description

Identification of WPS followed **WPS-Petron-GT-02** ■ Test coupon ☐ Production weld

Specification and type/grade or UNS No.of base metal(s) : A312 TP 316L Thickness : 5.54 mm Date of Test : 04.05.2016

Test Variables and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW	GTAW
Type(i.e.; manual, semi-automatic) used	Manual	Manual
Backing(with/without)	Without	With/Without
Plate ☐ Pipe ■ (enter diameter if pipe or tube)	PIPE 2"NPS x 5.54mm	Plate & Pipe ≥ 1" OD
Base metal P-Number to P-Number	P-8	P-1 to P-15F, P-34 & P-41 to P-49
Filler metal or electrode specification(s)(SFA) (info. only)	SFA 5.9	
Filler metal or electrode classifications(s) (info. only)	ER316L	
Filler metal F-Number(s)	F-6	F6 With/Without backing
Consumable insert(GTAW or PAW)	None	None
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid Wire	Solid Wire
Deposit thickness for each process		
Process 1: GTAW 3 layers minimum ■ Yes ☐ No	5.54 mm	Upto 11.08 mm
Process 2: N/A 3 layers minimum ☐ Yes ☐ No		
Position qualified(2G,6G,3F,etc.)	6G	ALL POSITION
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	With	With Only
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld)QW-302.4) : **Accepted**

Transverse face and root bends (QW-462.3(a); ☐ Longitudinal root and face bends(QW-462.3(b); ☐ Side bends(QW-462.2); ☐

Pipe bend specimen,corrosion-resistant overlay[QW-462.5(c)]) ☐ Plate bend specimen,corrosion- resistant overlay[QW-462.5(d)]; ☐

Pipe Specimen Macro test for fusion[QW-462.5(b)]; ☐ Plate Specimen Macro test for fusion QW-462.5(e)]; ☐

Type	Result	Type	Result	Type	Result
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--	--	--	--	--	--

Alternative radiographic examination results(QW-491) Accepted / Report No.SRIP/INS/PG/WQT/RT/S00070 Date: 10/05/2016

Fillet weld - fracture test(QW-181.2) None Length and percent of defects --

☐ Fillet welds in Plate[QW-462.4(b)] ☐ Fillet welds in Pipe [QW-462.4(c)]

Macro examination (QW-184) None Fillet size(in.) N/A Concavity/convexity(in.) N/A

Other tests None

Film or ~~specimens~~ evaluated by MR. Amin Jayaraj Company : INTERNATIONAL INSPECTION SERVICES LLC-OMAN

Mechanical tests conducted by None Laboratary test no. NA

Welding supervised by :- Petron Gulf LLC (**Mr. Venu Veerasamy**, Welding inspector)

We certify that the statements in this record are correct and that the test coupons were prepared,welded and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.

Petron Gulf LLC.	Client / TPI
Certified By. Venu Veerasamy	**Name.**
Signature.	**Signature.**
Date. 14.05.2016	**Date.**



WELDER QUALIFICATION TEST CERTIFICATE

SABAH - SARAWAK GAS PIPELINE PROJECT

OWNER: PETRONAS CARIGALI SDN BHD
CONTRACTOR: PUNJLLOYD-DIALOG-PETROSAB CONSORTIUM

CERTIFICATE NO:	SSGP/PDPC/FACILITIES- 001	DATE OF TEST:	03/11/2010
WELDER ID NO:	W-249	IC / PP NO:	J 1199513
WELDER'S NAME:	NIRANJAN KUMAR MAHTO		

Approved Welding Procedure No: SSGP-WPS-043-A4
CODE: ASME SECTION IX (LATEST EDITION)

Details : As Tested

Welding Process	: GTAW + SMAW (Manual)
Backing	: GTAW- without backing &
	: SMAW-with backing.
Parent Material	: P NO.1 to P NO. 1
Thickness	: 14.3 mm
Joint Type	: Single V & Butt Joint
Pipe Outside Diameter	: 6"Ø
Welding Position	: 6G (Fixed)
F.No	: 6 & 4
Weld Progression	: RP, HP, FP & CP-UPHILL
Backing Gas	: NA
Current	: DCEN (GTAW) & DCEP (SMAW)

Note: RP-Root Pass, HP-Hot Pass, FP-Fill Pass & CP-Cap Pass

Range Qualified

Welding Process	: GTAW + SMAW (Manual)
Backing Range	: GTAW- without backing &
	: SMAW-with backing.
Parent Material	: P NO.1 TO P NO.11
Thickness Range	: GTAW- 6mm maximum
	: SMAW- 22.6 mm maximum
Joint Type	: Single V & Butt Joint
Pipe Outside Diameter Range	: 2 ⅞ "Ø and Above.
Welding Position(s)	: ALL
F.No	: F No. 1 to 4- with backing &
	: F No.6- with or without backing
Weld Progression	:UPHILL
Backing Gas	: NA
Current	: DCEN (GTAW) & DCEP (SMAW)

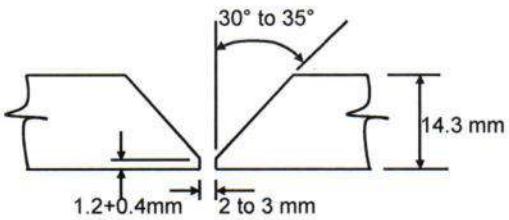
Welding Consumables

Filler Material

Make and Type	: LINCOLN
	: LINCOLN
Classification	: ER70S-2 & E 7018
AWS Specification	: GTAW:A 5.18, SMAW: A 5.1
Size(s)	: ER70S-2:Ø 2.4mm
	: E 7018:Ø 3.2 mm
Shielding Gas	Argon (GTAW without backing)
Make and Type	: NA
Composition	: NA

Weld Preparation (Dimensional Sketch)

6"Ø A106GR.B,Sch 120.



Test Results State 'Acceptable (with reason) or 'Not Acceptable'

Non Destructive Tests

Visual Inspection	Radiographic Test	Ultrasonic Test
Report No:SSGP/PWIR/SPREAD- 4/WQT-628	Report No: SSGP/SPRD- 4/WQT/RT-148	Report No: NA
Result: ACCEPTABLE	Result: ACCEPTABLE	Result: NA

Destructive Tests

Macro Examination	Hardness	Tensile	Charpy Impact	Nick Break
NA	NA	NA	NA	NA
Bend S1	**Bend S2**	**Bend S3**	**Bend S4**	**Others**
NA	NA	NA	NA	NA

REMARKS:

WE CERTIFY THAT THE STATEMENTS IN THIS RECORD ARE CORRECT AND THAT THE TEST WELDS WERE PREPARED, WELDED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF WPS NO : SSGP-WPS-043-A4 AND ASME SECTION IX LATEST EDITION

	PREPARED & CHECKED BY PDPC	WITNESSED / REVIEWED BY TPI	WITNESSED / REVIEWED BY PCSB
SIGN :			
NAME :	MD. ANEESH	HARD	
DATE :	18/12/2010	18/12/2010	18/12/2010



WELDER QUALIFICATION TEST CERTIFICATE

SABAH - SARAWAK GAS PIPELINE PROJECT

OWNER: PETRONAS CARIGALI SDN BHD
CONTRACTOR: PUNJLLOYD-DIALOG-PETROSAB CONSORTIUM

CERTIFICATE NO:	SSGP/PDPC/FACILITIES- 009	DATE OF TEST:	28-Mar-11
WELDER ID NO:	W-249	IC / PP NO:	J 1199513
WELDER'S NAME:	NIRANJAN KUMAR MAHTO		

Approved Welding Procedure No: **SSGP-WPS-049-A4 & SSGP-WPS-049A-A4**
Code: **ASME SECTION IX (LATEST EDITION)**

Details : As Tested		**Range Qualified**	
Welding Process	: GTAW (MANUAL)	Welding Process	: GTAW (MANUAL)
Backing	: NO	Backing Range	: With or Without backing
Parent Material	: P NO.1 to P NO. 1	Parent Material	: P-No. 1 through P-No. 15F,P-No. 34, and P-No. 41 through P-No. 49
Thickness	: 5.54 mm	Deposited weld metal thickness	: 11.08 mm
Joint Type	: Single V & Butt Joint	Joint Type	: All butt & fillet joint
Pipe Outside Diameter	: 2"Ø	Pipe Outside Diameter Range	: 1" OD and Above.
Welding Position	: 6G	Welding Position(s)	: ALL
F.No	: 6	F.No	: F No.6- with or without backing
Weld Progression	: Uphill	Weld Progression	: Uphill
Backing Gas	: N/A	Backing Gas	: N/A
Current	: DCEN	Current	: DCEN

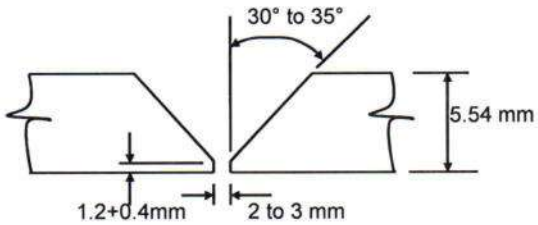
Welding Consumables

Filler Material

Make and Type	: LINCOLN
Classification	: ER70S-2
AWS Specification	: A 5.18
Size(s)	: ER70S-2:Ø 2.4mm
Shielding Gas	**Argon**
Make and Type	: NA
Composition	: NA

Weld Preparation (Dimensional Sketch)

2"Ø A106 Gr.B,Sch 80.



Test Results State 'Acceptable (with reason) or 'Not Acceptable'

Non Destructive Tests

Visual Inspection	Radiographic Test	Ultrasonic Test
Report No: SSGP/SPREAD4/WQT-015	Report No: PUNJLLOYD/CIT/2011-WQT-001	Report No: NA
Result: ACCEPTABLE	Result: ACCEPTABLE	Result: NA

Destructive Tests

Bend Tests:
Type of test: N/A Result: N/A

Macro Test: N/A Result: N/A

Fracture Test N/A Result: N/A

REMARKS:

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.

	PREPARED & CHECKED BY PDPC	WITNESSED / REVIEWED BY TPI	WITNESSED / REVIEWED BY PCSB
SIGN :			
NAME :	Bhack M		
DATE :	05.04.2011	15/04/2011	13/04/11

WELDER IDENTITY CARD	Larsen & Toubro ATCO Saudi L.L.C.

PROJECT NAME::FARABI PETROCHEMICALS



NAME : NIRANJAN KUMAR

WELDER ID No : G446-LTD-099

CERTIFICATE NO : G446-WQT-149

DATE OF TEST : 29.03.2019

POSITION QUALIFIED: 6G(ALL POSITION)

Application		
Tank	Piping	Struc.
√	√	√

CONTRACTOR	EMPLOYER / PMC / TPI
Name: T. Ramesh	Name:
Sign:	Sign:
Date: 5/4/19	Date:

Format No.:G446-0000-QA-FM124 Rev.01

Welder Qualification Details (: ASME SEC IX / ~~AWS D1.1~~)

Welder Name: Welder ID No.: G446-LTD-099

Process	Material	Filler metal	F No.	Range Thk(mm) Max.	Dia. Range	Validity up to Date	Validity up to Sign
GTAW	P NO:1 THROUGH P1-P15F,P34&P41-P49 TO SAME	ER70S-2	ALL F6 CLASS	Maximum 11.08 mm to be welded	1" OD ABOVE	UP TO SATISFACTORY PERFORMANCE	
G+S	P.No.1 thru P1 to P15F, P34 & P41-P49 to same	ER70S2 + E7018	All 6 with & without Backing 1 to 4 with Backing	G=8mm S=6.22 Max	2 7/8" OD & above	upto Satisfactory	

Welder is allowed to weld 3 production joints and RT performance to be verified.

production joint - RT.- L&T-AHS-0326, L&T-ISS-RP-0967, L&T-AHS-0299

Thk.-Thickness in "mm" & Dia.-Diameter in "inches"

CS

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EMPLOYER	Engineering, Procurement and Construction (EPC) Contract FARABI Normal Paraffin and Derivatives Complex Yanbu, Kingdom of Saudi Arabia	EPC CONTRACTOR
PMC thyssenkrupp	**WELDER QUALIFICATIONS RECORD (WQR)** **(Section IX, ASME Boiler and Pressure Vessel Code)**	Larsen & Toubro ATCO Saudi L.L.C.

Qualified Date:

Welder's name **NIRANJAN KUMAR** Welder ID No. **G446-LTD-99** Certificate No **G446/FARABI/L&T/WQT-149**

Welding process(es) used **GTAW** Type **Manual**

Identification of WPS followed by welder during welding of test coupon **FARABI/L&T/WPS/PIPE-01**

Base material(s) welded **ASTM A106** Thickness **5.54 mm**



Manual or Semiautomatic Variable for Each Process (QW-350)	Actual Values	Range Qualified
Backing (metal, weld metal, welded from both sides, flux, etc.) (QW-402)	N/A	N/A
ASME P-No **P1** to ASME P-No (QW-403)	P.No.1 to P.No. 1	P.No.1 thru 15F, 34, 41 thru 49
( ) Plate (√) Pipe center diameter, if pipe	Pipe OD 2"	Plate & Pipe OD 1" & Above
Filler metal specification (SFA) : **5.18** Classification (QW-404)	ER 70S-2	
Filler metal F-No.	6	All F. No. 6
Consumable insert for GTAW or PAW	N/A	N/A
Weld deposit thickness for each welding process	5.54 mm	11.08 mm maximum to be weld
Welding position (1G, 5G, etc.) (QW-405)	6G	All
Progression (uphill / downhill)	Uphill	Uphill
Backing gas for GTAW, PAW or GMAW : fuel gas for OFW (QW-408)	N/A	N/A
GMAW transfer mode (QW-409)	N/A	N/A
GTAW, SMAW welding current type / polarity	DCEN	DCEN

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualifies
Direct / remore visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 5G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guided Bend Tests Type ( ) QW-462.2 (Side)Results ( ) QW-462.3 (a) (Trans. R & F) Type ( ) QW-462.3 (b) (Long R & F) Results

		NA	

Visual examination results (QW-302.4) G446-WQT-6G-149

Radiographic test results (QW-304 and QW-305) L&T-ISS-RT-RP-0065 Date : 23-Mar-19

(For altenative qualification of groove welds by radiography)

Fillet Weld - Fracture test ----- Length and percent of defects -----

Macro test fusion ----- Fillet leg size ----- in x ----- in Concavity / convexity ----- in

+

Note:

PREPARED/CHECKED BY CONTRACTOR		REVIEWED/WITNESSED BY EMPLOYER / PMC / TPI
NAME:	G. Ramesh	NAME:
SIGNATURE:		SIGNATURE:
DATE:	5/4/19	DATE:

Format No.: G446-0000-QA-FM111 Rev.01

EMPLOYER	Engineering, Procurement and Construction (EPC) Contract FARABI Normal Paraffin and Derivatives Complex Yanbu, Kingdom of Saudi Arabia	EPC CONTRACTOR
FARABI YANBU PETROCHEMICALS		Larsen & Toubro ATCO Saudi L.L.C.
PMC thyssenkrupp	**WELDER QUALIFICATIONS RECORD (WQR)** (Section IX, ASME Boiler and Pressure Vessel Code)	

Qualified Date:

Welder's name: **NIRANJAN KUMAR** Welder ID No: **LTD-099** Certificate No.: **G446-WQT-152**

Welding process(es) used: **GTAW+SMAW** Type: **6G**

Identification of WPS followed by welder during welding of test coupon: **FARABI/L&T/WPS/PIPE-02**

Base material(s) welded: **ASTM A106 GR B** Thickness: **7.11 mm**



Manual or Semiautomatic Variable for Each Process (QW-350)	Actual Values	Range Qualified
Backing (metal, weld metal, welded from both sides, flux, etc.) (QW-402)	N.A	N.A
ASME P-No **P1** to ASME P-No (QW-403)	P.NO 1 TO P.NO 1	P.NO THRU 15F,34,41 THRU 49
( ) Plate ( ) Pipe center diameter, if pipe	6" OD	2 7/8 " OD & ABOVE
Filler metal specification (SFA) : **5.18 & 5.1** Classification (QW-404)	ER 70S2 + E7018	ER 70S2 + E7018
Filler metal F-No.	6 & 4	6 WITH & WITHOUT BACKING & 1 TO 4 WITH BACKING
Consumable insert for GTAW or PAW	N/A	N/A
Weld deposit thickness for each welding process	GTAW = 4mm & SMAW = 3.11mm	GTAW = 8mm MAX. & SMAW = 6.22 mm MAX.
Welding position (1G, 5G, etc.) (QW-405)	6G	ALL
Progression (uphill / downhill)	UPHILL	UPHILL
Backing gas for GTAW, PAW or GMAW : fuel gas for OFW (QW-408)	N/A	N/A
GMAW transfer mode (QW-409)	N/A	N/A
GTAW, SMAW welding current type / polarity	DECN + DECP	DECN + DECP

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualifies
Direct / remore visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 5G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guided Bend Tests Type ( ) QW-462.2 (Side)Results ( ) QW-462.3 (a) (Trans. R & F) Type ( ) QW-462.3 (b) (Long R & F) Results

		NA	

Visual examination results (QW-302.4): satisfactory

Radiographic test results (QW-304 and QW-305): satisfactory (Report No.: L&T-ISS-RT-RP-079) Date : 28-Mar-19

(For altenative qualification of groove welds by radiography)

Fillet Weld - Fracture test: ----- Length and percent of defects: -----

Macro test fusion: ----- Fillet leg size: ----- in x ----- in Concavity / convexity: ----- in

Note:

PREPARED/CHECKED BY CONTRACTOR	REVIEWED/WITNESSED BY EMPLOYER / PMC / TPI
NAME: Venkatachal, Mutt.	NAME:
SIGNATURE:	SIGNATURE:
DATE: 28/3	DATE:

L&T ATCO SAUDI LLC. QA / QC Farabi YNPC Project, YANBU

GASCO	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting

WELDER IDENTIFICATION CARD
(As per ASME SEC IX)



Name	**: Niranjan Kumar Mahto**
ID No.	**: WA-046**
Welding Process	: GTAW
Position	: 6G
Test Date	: 27.04.2014

	AI ASAB/TPI	COMPANY / TPI
Signature		AYYAPPAN R
Name		28/04/2014

Intertek

GASCO	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting

WPS No.	: 0300526-PP-GEN-99-163, Rev-0
Material Qualified	: P1 to P1 (WA-046)
Thickness Qualified	: GTAW-11.07 mm
Diameter Qualified	: 1 inch & Over
Filler Material & Dia.	: GTAW-2.4 mm / ER70S2
Qualified Positon	: All
Current & Polartity	: GTAW-DCEN
Welding Progression	: Uphill
Valid upto	: Six Month from the Date Qualified

Intertek
☐ Reviewed
☐ Witnessed
AYYAPPAN R
28/04/2014

GASCO	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting

WELDER IDENTIFICATION CARD
(As per ASME SEC IX)



Name	**: Niranjan Kumar Mahto**
ID No.	**: WA-046**
Welding Process	: GTAW + SMAW
Position	: 6G
Test Date	: 27.04.2014

	Al ASAB/TPI	**COMPANY/TPI**
Signature		AYYAPPAN.S
Name		28/04/2014

Intertek Witnessed (R)

GASCO	EPC WORKS FOR PROVISION OF NEW 24" LEAN GAS PIPELINE FROM BUHASA TO BAB & BAB TO THAMMAMA - C	AL ASAB Gen. Contracting

WPS No.	: 0300526-PP-GEN-99-163, Rev-0
Material Qualified	: P1 to P1 (WA-046)
Thickness Qualified	: GTAW-5.2 mm , SMAW-9.02 mm
Diameter Qualified	: 2.875 inch & Over
Filler Material & Dia.	: GTAW- ER70S2 & SMAW- E7018-1
Qualified Positon	: All
Current & Polartity	: GTAW-DCEN & SMAW-DCEP
Welding Progression	: Uphill
Valid upto	: Six Month from the Date Qualified

Intertek Reviewed (R) Witnessed
AYYAPPAN.S
28/04/2014

WELDER ID CARD

PUNJ LLOYD



Name : Niranjan Mahato

Welder ID : WP 018

Project : LBSB - 1194 Kazakhstan

PLK - QC

PFD - QC

Punj Lloyd

Qualified in accordance with the API 1104 & Spec 60-0000-W-SPE-0425

Date	WPS No	Process	AWS Class	Dia. Range Qlfd(inch)	Thk. Range Qlfd(mm)	Position Qlfd.	Passes Qualified
26.10.04	PL 01 TW	SMAW	E6010 + E8010P1	2.37-12.75"	4.8 to 19.1	5G	All Pass
28.07.05	24"-16 TN	SMAW	E6010 + E8010P1	>12.75"	4.8 to 19.1	5G	All Pass

Remarks: This card is valid till satisfactory perfromance of the welder

WELDER ID CARD

PUNJ LLOYD



Name : Niranjan Mahato

Welder ID : WP 018

Project : LBSB - 1194 Kazakhstan

PLK - QC

PFD - QC

Punj Lloyd

Qualified in accordance with the ASME SEC IX & Spec 60-0000-W-SPE-0421

Date	WPS No	Process	AWS Class	Dia. Range Qlfd(inch)	Thk. Range Qlfd(mm)	Position Qlfd.	Passes Qualified
15.03.05	PP-05	SMAW	E 7018-1	≥2 $^{7}/_{8}$" OD	Max	All	NA
15.09.05	PP-01	GTAW	ER 70 S-6	≥1" OD	Up to 11.08	All	NA

Remarks: This card is valid till satisfactory perfromance of the welder

PUNJ LLOYD	**WELDER PERFORMANCE QUALIFICATION RECORD** **QW-484 A** **(QW-301Section IX, ASME Boiler and Pressure Vessel Code)** **Project: TCO Asset Development, Large Bore and Small Bore Pipeline**	Doc No.: PLK/PFD/1194/ PIPING/001 Appendix 9

Welder's Name: Niranjan Mahato Date of Qualification: 15.03.05

Welder No : WP-018 **WQT No: 104**



Test Description

WPS followed: PP-05 [✓] Test coupon [X] production weld

Base metal(s) used: A333 Gr.6 Dia/ Thickness: 6"/Sch-120 (14.27mm)

Testing Conditions and qualification limits

Welding Variables(QW-350)	**Actual Value**	**Range Qualified**
Welding Process(es)	SMAW	SMAW
Type (i.e.manual, semi-auto) used	Manual	Manual
Backing(metal, weld metal, double-welded, etc)	Nil	Nil
[X] Plate [✓] Pipe(enter diameter if pipe or tube)	6"	Pipe(2-7/8" OD & above)and Plate
Base metal P-or S-Number to P-or S-Number	P-1 to P-1	P-1 thro' P-11,P-34, P-41 thro' P-47 and unassigned metals of these ch.composition
Filler metal or electrode specification(s) (SFA) (Info. Only)	5.1	---
Filler metal or electrode classification(s) (Info. Only)	E 7018-1	---
Filler metal F-Number(s)	4	F-1 to F-4 withbacking only
Consumable Insert (GTAW or PAW)	NA	NA
Filler type (Solid/metal or flux cored/powder) (GTAW or PAW)	NA	NA
Deposit thickness for each process	---	---
Process 1: **GTAW** 3 layers minimum [X] yes [X] No	NA	NA
Process 2: **SMAW** 3 layers minimum [✓] yes [X] No	12.77 mm	Max to be welded
Position qualified (2G,6G,3F,etc)	6G	All
Vertical progression (Uphill or Downhill)	Uphill	Uphill only
Type of Fuel gas (OFW)Inert gas backing (GTAW, PAW, GMAW)	NA	NA
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
GTAW current type/polarity (AC,DCEP,DCEN)	NA	NA

Results

Visual examination of completed weld (QW-302.4) : Satisfactory

[X] Bend Test: [X] Transverse root and face-QW-462.3(a): [X] Longitudinal root and face-QW-462.3(b): [X] Side (QW-462.2)

[X] Pipe bend specimen,corrosion-resistance overlay-QW-462.5(c): [X] Plate bend specimen,corrosion-resistance overlay-QW-462.5(d)

[X] Macro test for fusion-QW-462.5(b): [X] Macro test for fusion-QW-462.5(e)

Type	Result
NA	NA

Alternative radiographic examination result (QW-0191):Satisfactory, Report no. 1194PL/107 dt. 16.03.05

Fillet weld-fracture test(QW-180) : NA Length and percent of defects: NA

Macro examination(QW-184) : NA Fillet size(mm) NA X NA:Cocavity/convexity(mm) : NA

Other tests : NA

Specimen evaluated by: NA company:NA

Film revieved by: **H.Harte** company: PFD

Mechanical test conducted by: NA Laboratory test no: NA

welding supervised/ witnessed by: **Selvaraj M**

we certify that the statement in this record are correct and that the test coupons were prepared, welded and tested in accordance with the requirements of Section IX of ASME Boiler and Pressure Vessel Code.

	Prepared by(PLK)	Checked by (PLK)	Approved by (PFD)	
Sign	[signature] PUNJ LLOYD QA/QC KALAKHSTAN LLP	[signature] PUNJ LLOYD QA/QC KALAKHSTAN LLP	[signature] PFD Q.C. 133	
Date	23.03.05	23.03.05	23.3.05	
Name	**Desai Rakesh**	**Selvaraj M**		

PUNJ LLOYD

WELDER PERFORMANCE QUALIFICATION RECORD
QW-484 A
(QW-301Section IX, ASME Boiler and Pressure Vessel Code)
Project: TCO Asset Development, Large Bore and Small Bore Pipeline

Doc No.: PLK/PFD/1194/ PIPING/001 Appendix 9



Welder's Name: Niranjan Mahato Date of Qualification: 15.09.05

Welder No : WP-018 **WQT No: WP 018**

Test Description

WPS followed: PP-01 [V] Test coupon [X] production weld

Base metal(s) used: A333 Gr.6 Dia/ Thickness: 2"/Sch-80 (5.54 mm)

Testing Conditions and qualification limits

Welding Variables(QW-350)	**Actual Value**	**Range Qualified**
Welding Process(es)	GTAW	GTAW
Type (i.e.manual, semi-auto) used	Manual	Manual
Backing(metal, weld metal, double-welded, etc)	Nil	Nil
[X] Plate [V] Pipe(enter diameter if pipe or tube)	2"	Pipe(1"OD & above)and Plate
Base metal P-or S-Number to P-or S-Number	P-1 to P-1	P-1 thro' P-11,P-34, P-41 thro' P-47 and unassigned metals of these ch.composition
Filler metal or electrode specification(s) (SFA) (Info. Only)	5.18	---
Filler metal or electrode classification(s) (Info. Only)	ER 70S-6	---
Filler metal F-Number(s)	6	All F-6 with or with out backing
Consumable Insert (GTAW or PAW)	NA	NA
Filler type (Solid/metal or flux cored/powder) (GTAW or PAW)	NA	NA
Deposit thickness for each process	---	---
Process 1: **GTAW** 3 layers minimum [V] yes [X] No	5.54 mm	Up to 11.08 mm
Process 2: **SMAW** 3 layers minimum [X] yes [V] No	NA	NA
Position qualified (2G,6G,3F,etc)	6G	All
Vertical progression (Uphill or Downhill)	Uphill	Uphill only
Type of Fuel gas (OFW)Inert gas backing (GTAW, PAW, GMAW)	Argon	Argon
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

Results

Visual examination of completed weld (QW-302.4) : Satisfactory

[X] Bend Test: [X] Transverse root and face-QW-462.3(a): [X] Longitudinal root and face-QW-462.3(b): [X] Side (QW-462.2)

[X] Pipe bend specimen,corrosion-resistance overlay-QW-462.5(c): [X] Plate bend specimen,corrosion-resistance overlay-QW-462.5(d)

[X] Macro test for fusion-QW-462.5(b): [X] Macro test for fusion-QW-462.5(e)

Type	Result
NA	NA

Alternative radiographic examination result (QW-0191):Satisfactory, Report no. P-1376A dt. 14.09.05

Fillet weld-fracture test(QW-180) : NA

Length and percent of defects: NA

Macro examination(QW-184) : NA

Fillet size(mm) NA X NA:Cocavity/convexity(mm) : NA

Other tests : NA

Specimen evaluated by: NA company:NA

Film revieved by: **sudheer** company: PFD

Mechanical test conducted by: NA Laboratory test no: NA

welding supervised/ witnessed by: **Selvaraj M**

we certify that the statement in this record are correct and that the test coupons were prepared, welded and tested in accordance with the requirements of Section IX of ASME Boiler and Pressure Vessel Code.

	Prepared by(PLK)	Checked by (PLK)	Approved by (PFD)	
Sign				PFD Q.C. 133
Date	15.09.05	15.09.05	15.9.05	
Name	**Desai Rakesh**	**Selvaraj M**		

Punj Lloyd

QW -484 Welder Performance Qualification (WPQ)

(Reference: ASME BPV Code Section IX)



Contractor: Punj Lloyd Ltd Company No: OF1/UT1 Stamp No: PU 029

Welder Name: NIRANJAN KUMAR

Using WPS NO:PLL-YGS-YLNG-WPS-005 WQT No: 28A Date: 08.08.07

PLL-YGS-YLNG-WPS-006

PLL-YGS-YLNG-WPS-004 The above welder is qualified for the following ranges:

PUNJ LLOYD 8 QC YLNG PROJECT

Variable	Record Actual Values Used Qualification	Qualification Range
Process	GTAW+SMAW	GTAW+SMAW
Process Type	MANUAL	MANUAL
Backing[Metal,Weld metal,flux,etc.]	WITHOUT	WITHOUT
Material Spec	ASTM A333 GR 6 (P1)	P1-P8
Thick Ness		
Groove	7.11MM	14.22MM
Fillet	----	----
Diameter		
Groove	6"	2 7/8" & ABOVE
Fillet	----	All
Filler Metal		
Spec No	SFA 5.18 & 5.1	SFA 5.18 & 5.1
Class	ER70S-3 / E7018-1	ER70S-3 / E7018-1
F.No	6 & 4	6 & 4
Deposited Weld Metal Thickness		
Groove	7.11(3+4.11)MM	14.22MM
Fillet	----	ALL
Position	6G	6G
Weld Progression	UPHILL	UPHILL
Gas Type	ARGON	ARGON
Backing Gas	WITH OUT	WITH OUT
Electrical Charcteristics		
Current	DC	DC
Polarity	SP/RP	SP/RP

Visual Inspection Carried Out: **Found SatisFactory** Macro Examination: N/A

Guided Bend Test Results

Type and Figure No	Results
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

Radigraphic Results Satisfactory report No: PLL/RT-43

Fillet Weld Test Results

Fracture Test (Describe the location,nature and size of any crack or tearing of the specimen

Length and Percent of Defects mm % Macro Test Fusion: mm

Appearance-Fillet Size (leg) mm Convexity or Convexity

Test Coupon Welded on: 08.08.07 Test Witnessed By: U.AYYADURAI

Test Conducted By: Punj Lioyd Ltd Laboratory Test No: N/A

We Certify That The Statements in this record are correct and that the test coupons were Prepared Welded tested in accordance with the ASME SEC IX.

Prepared By	Checked By	Approved By	Approved By
M. Mathew			
PUNJ LIOYD LTD	PUNJ LIOYD LTD	TPI /YEM GAS	YLNG
Date: 19.08.07	Date: 19/08/07	Date:	Date:

PUNJ LLOYD 1 QC YLNG PROJECT

YEMGAS Quality Department 21

Punj Lloyd

QW -484 Welder Performance Qualification (WPQ)

(Reference: ASME BPV Code Section IX)



Contractor: Punj Lloyd Ltd Company No: OF1/UT1 Stamp No: PU029

Welder Name: NIRANJAN KUMAR

Using WPS NO:PLL-YGS-YLNG-WPS-003 ✓ Rev No: 0 Date: 17/7/2007

The above welder is qualified for the following ranges:

Variable	Record Actual Values Used Qualification	Qualification Range
Process	GTAW	GTAW
Process Type	MANUAL	MANUAL
Backing[Metal,Weld metal,flux,etc.]	WITHOUT	WITHOUT
Material Spec	ASTM A333 GR 6 (P1)	P1-P1
Thick Ness		
Groove	5.54MM	11.08MM
Fillet	---	----
Diameter		
Groove	2 "	1" OD & ABOVE
Fillet	---	---
Filler Metal		
Spec No	SFA 5.18	SFA 5.18
Class	ER70S-3	ER70S-3
F.No	6	6
Deposited Weld Metal Thickness		
Groove	5.54MM	11.08MM
Fillet	---	----
Position	6G	6G
Weld Progression	UPHILL	UPHILL
Gas Type	ARGON	ARGON
Backing Gas	WITH OUT	WITH / WITH OUT
Electrical Charcteristics		
Current	DC	DC
Polarity	SP	SP

Visual Inspection Carried Out: **Found SatisFactory** Macro Examination: N/A

Guided Bend Test Results

Type and Figure No	Results
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

Radigraphic Results Satisfactory Report No: PLL / RT - 39

Fillet Weld Test Results

Fracture Test (Describe the location,nature and size of any crack or tearing of the specimen

Length and Percent of Defects ____ mm ____ % Macro Test Fusion: ____ mm

Appearance-Fillet Size (leg) ____ mm Convexity or Convexity

Test Coupon Welded on: 17.07.07 Test Witnessed By: U.AYYADURAI

Test Conducted By: Punj Lloyd Ltd Laboratory Test No: N/A

We Certify That The Statements in this record are correct and that the test coupons were Prepared Welded tested in accordance with the ASME SEC IX.

Prepared By	Checked By	Approved By	Approved By
M. Mathew			
PUNJ LLOYD LTD	PUNJ LLOYD LTD	TPI /YEM GAS	YLNG
Date: 11.08.07	Date: 11-08-2007	Date:	Date:

WELDER IDENTITY CARD
VDPL PROJECT, SEC. B

KALPA-TARU

CLIENT: GAIL CONSULTANT: EIL

WELDER NAME: NIRANJAN MAHATO

WELDER ID No.: PPW-10

PIPE MATERIAL: P.No. 1 Gr.No. 1,2,3 TO P.No.1 Gr.No. 1,2,3
ASTM A106GR.B,API 5L GR. X52,API 5L GR.X65, API 5L GR.X70
ASTM A105,ASTM A350LF2,ASTM A333 GR.6,ASTM A234WPB,
MSS-SP-75 WPHY-65, MSS-SP-75 WPHY-70,ASTM A420WPL-6



POSITION: ALL, WELDING PROCESS: GTAW(ROOT), SMAW(FILL&CAP)

QUALIFICATION FOR: ZKPTL/VDPL/PP/WPS-02

APPROVAL OF WELDING: ALL PASSES

APPLICABLE CODE& SPEC. : ASME SEC.IX & EIL SPEC.

ZKPTL QA/QC VDPL PROJECT

ZG-KPTL EIL/~~GAIL~~

Dia of Test Piece:16"

Dia range qualified:2-7/8" O.D AND ABOVE

Test piece wall thickness: 22.2mm

Thickness range qualified: GTAW (1.5mm to 5mm) & SMAW (2.5mm to35.0mm)

Direction of welding: Uphill

Type of welding consumables: ER70S-2& E7018-1, F.NO.: 06(GTAW) & 04(SMAW)

NDT STATUS : Acc. RT Report no.: PP/WQT/08 Date:01.11.2009

validity: Till Satisfactory Performance

ZG-KPTL EIL/~~GAIL~~

AIR PRODUCTS

Welder Identification Card

L&T Hydrocarbon Saudi Company
شركة ال ار اند تي هيدروكربون السعودية

Project: Jubail IG Network
Contractor: L&T Hydrocarbon
Issue date: 02.10.2022
Welder Name: NIRANJAN KUMAR
Welder Symbol: LTAP-W-33
Ref WQT Report No: 20220717-04



This is the clearance for the individual to perform welding in above project. Unauthorised duplication or alteration is prohibited.

WIC No: LTHE-WIC- 187

Prepared By:
Contractor Representative

Approved by:
Dushyant kumar
AP Representative

Format No: EN-201833-MF-009 Rev_00

YEMGAS

Punj Lloyd

WELDER IDENTITY CARD

NAME: NIRANJAN KUMAR Welder No: PU: 029

PLL ID NO:YEMI/W/291

This is to certify that this person has been tested in accordance with the requirements of **ASME IX & YE-001-35-306-PRC-47012**



M.JOHN PETER
Punj Lloyd
Issue Date: 11.03.08

S.JAMES
YEMGAS / TPI.
Place:Bal Half

Orpic

DAELIM Petrofac

Petron

PETRON GULF LLC

WELDER IDENTIFICATION CARD

Welder Name : NIRANJAN KUMAR MAHTO

Welder No : W-554

Date of Issue 11-04-2016



Petron
D.KARMAKAR

DPJV

Orpic

DAELIM Petrofac

Petron

PETRON GULF LLC

WELDER IDENTIFICATION CARD

Welder Name : NIRANJAN KUMAR MAHTO

Welder No : W-554

Date of Issue : 11.04.2016



Petron
D.KARMAKAR

DPJV

CARIGALI

Punj Lloyd

DIALOG

SABAH - SARAWAK GAS PIPELINE PROJECT

CONTRACT NO. : CH2/C3/2007/DSL/048

WELDER IDENTITY CARD



NAME : NIRANJAN KUMAR MAHTO

ID NO. : W– 249

DATE QUALIFIED : 30-Oct-2010 (WPS-049 &049A)
03-Nov-2010 (WPS-043)

PDPC QA / QC MANAGER | TPI | PCSB REPRESENTATIVE

Suhaimi Mustaphar
Manager, Quality Assurance
Sabah Sarawak Gas Pipeline Proj

CARIGALI

Punj Lloyd

DIALOG

SABAH - SARAWAK GAS PIPELINE PROJECT

CONTRACT NO. : CH2/C3/2007/DSL/048

WELDER IDENTITY CARD



NAME : NIRANJAN KUMAR MAHTO

ID NO. : W-249

DATE QUALIFIED : 28-Mar-2011 (WPS-049)

PDPC QA / QC MANAGER | TPI | PCSB REPRESENTATIVE

CARIGALI

Punj Lloyd

DIALOG

SABAH - SARAWAK GAS PIPELINE PROJECT

CONTRACT NO. : CH2/C3/2007/DSL/048

WELDER IDENTITY CARD



NAME : NIRANJAN KUMAR MAHTO

ID NO. : W– 249

DATE QUALIFIED : 03-11-2010 (WPS NO: 043)

PDPC QA / QC MANAGER | TPI | PCSB REPRESENTATIVE

Suhaimi Mustaphar
Manager, Quality Assurance
Sabah Sarawak Gas Pipeline Project

AIR PRODUCTS

Welder Identification Card

L&T Hydrocarbon Saudi Company

Project: Jubail IG Network
Contractor: L&T Hydrocarbon
Issue date: 02.08.2022
Welder Name: NIRANJAN KUMAR
Welder Symbol:LTAP-W-33
Ref WQT Report No: 20220526-1



This is the clearance for the individual to perform welding in above project. Unauthorised duplication or alteration is prohibited.

WIC No: LTHE-WIC-146

Prepared By:
Contractor Representative

Approved by:
Dushyant kumar
AP Representative

Format No: EN-201833-MF-009 Rev_00

Attachment E: Form B-15E- Welder Identification Card (WIC)

AIR PRODUCTS	Welder Identification Card	L&T Hydrocarbon Saudi Company
Project: Jubail IG Network Contractor: L&T Hydrocarbon Issue date: 02.08.2022 Welder Name: NIRANJAN KUMAR Welder Symbol:LTAP-W-33 Ref WQT Report No: 20220526-1		
This is the clearance for the individual to perform welding in above project. Unauthorised duplication or alteration is prohibited.		WIC No: LTHE-WIC-146
Prepared By: Contractor Representative		Approved by: Dushyant Kumar AP Representative

Format No: EN-201833-MF-009 Rev_00

AIR PRODUCTS	Welder Identification Card	L&T Hydrocarbon Saudi Company
Material P Nos:	P-No 1 Through 15F, P-No34 & P-No 41 Through P-No 46	
Process:	GTAW + SMAW	
Electrode & F Nos:	ER70S-2(F NO.6) + E7018-1 (F NO.4)	
Position:	All Position	
Progression:	Vertical Uphill	
Thickness:	GTAW- 10 mm Max & SMAW- Unlimited	
Diameter:	2-7/8" (73mm) OD & Over	
Backing:	GTAW With or Without Backing & Gas Backing SMAW- With Backing only	
Qualification Code	ASME Sec IX	
WIC No: LTHE-WIC-146	Date: 02.08.2022	
Format No: EN-201833-MF-009 Rev_00		

AIR PRODUCTS	Welder Identification Card	L&T Hydrocarbon Saudi Company
Material P Nos:	P1 to P15F, P34 & P41 to P49	
Process:	GTAW	
Electrode & F Nos:	F No:6	
Position:	ALL POSITION	
Progression:	Vertical Uphill	
Thickness:	GTAW UPTO 11.08 mm	
Diameter:	1" (25 mm) OD & OVER	
Backing:	With/Without backing & With / Without Gas Backing	
Qualification Code	ASME SEC IX	
WIC No: LTHE-WIC- 187	Date: 2/10/2022	
Format No: EN-201833-MF-009 Rev_00		

WELDER PERFORMANCE RECORDS	
Qualifing Range	Welder No: PU-029
WPS:	3
Process:	GTAW
F.NO:	6
Base Metal :	P1-P1 EQUIVALENT
Electrode/Filler :	ER-70S-3
Pipe Dia Range :	1"& ABOVE
Qualified Position :	6G
Progression :	UP HILL
Groove Weld :	11.08mm
Weld type	BUTT WELD
Testing Date.	17/07/07

Process	GTAW		
Material	P-1 to P-15F, P-34 & P-41 to P-49		
F.No.	All F-6		
Position	>610 -All	≤610 - All	Fillet -All
Min.Dia Qualified mm	Plate & Pipe ≥25mm OD		
Dep.Weld Thick.Max	11.08mm		
Current /Polarity	DCEN		
Backing	GTAW-With & Without		
Uphill / Down Hill	Uphill		
Backing Gas	With & Without		

Process	GTAW + SMAW		
Material	P-1 to P-15F, P-34 & P-41 to P-49		
F.No.	F6 , F1 -F 4		
Position	>610 -All	≤610 - All	Fillet -All
Min.Dia Qualified mm	Plate & Pipe ≥73mm OD		
Dep.Weld Thick.Min	GTAW: 7 mm , SMAW: 14.94 mm		
Current /Polarity	GTAW-DCEN . SMAW-DCEP		
Backing	GTAW-With & Without, SMAW- With Only		
Uphill / Down Hill	Uphill		
Backing Gas	With & Without		

WELDER QUALIFICATION DETAILS
CODE: ~~API 1104~~ / ASME SEC. IX / ~~AWS D 1.1~~

PARAMETERS.	TESTED.	QUALIFIED RANGE
Material:	A 106/API 5L GR B.	P-No. 1 through P-No. 15F,P-No. 34, and P-No. 41 through P-No. 49
Process:	GTAW+SMAW (Manual)	GTAW + SMAW (Manual)
WPS No.:	SSGP-WPS-043-A4, SSGP-WPS-049-A4 & SSGP-WPS-049A-A4	
Diameter	Ø 3"	Ø 2⅜" and Above
Thickness	GTAW – 5.49 mm. SMAW – 11.3mm.	GTAW – 10.98 mm Max. SMAW- 22.6mm Max.
Position	6G	ALL (Groove & Fillet)
Weld Direction:	Uphill	Uphill
Filler Metal	ER70S-2 & E7018	F No. 1 to 4-with backing & F No.6-with or without backing

WELDER QUALIFICATION DETAILS
CODE: ~~API 1104~~ / ASME SEC. IX / ~~AWS D 1.1~~

PARAME-TERS.	TESTED.	QUALIFIED RANGE
Material:	A 106/API 5L GR B.	P-No. 1 through P-No. 15F,P-No. 34, and P-No. 41 through P-No. 49
Process:	GTAW (Manual)	GTAW (Manual)
WPS No.:	SSGP-WPS-049-A4 & SSGP-WPS-049A-A4	
Diameter	Ø 2"	1" OD and Above
Thickness	5.54 mm.	11.08 mm Max
Position	6G	ALL (Groove & Fillet)
Weld Direc-tion:	Uphill	Uphill
Filler Metal	ER70S-2	F No.6-with or without backing

WELDER QUALIFICATION DETAILS
CODE: ~~API 1104~~ / ASME SEC. IX / ~~AWS D 1.1~~

PARAMETERS.	TESTED.	QUALIFIED RANGE
Material:	A 106 GR B.	P NO.1 to P NO. 11
Process:	GTAW+SMAW	GTAW+SMAW(Manual)
WPS No.:	SSGP-WPS-043-A4	
Diameter	Ø 6"	Ø 2⅜" and Above
Thickness	GTAW– 3 mm. SMAW– 11.3mm.	GTAW– 6 mm Max. SMAW- 22.6mm Max.
Position	6G	ALL (Groove & Fillet)
Weld Direction:	Uphill	Uphill
Filler Metal	ER70S-2 & E7018	F No. 1 to 4-with backing & F No.6-with or without backing

AIR PRODUCTS	Welder Identification Card	L&T Hydrocarbon Saudi Company
Material P Nos:	P-No 1 Through 15F, P-No34 & P-No 41 Through P-No 46	
Process:	GTAW + SMAW	
Electrode & F Nos:	ER70S-2(F NO.6) + E7018-1 (F NO.4)	
Position:	All Position	
Progression:	Vertical Uphill	
Thickness:	GTAW- 10 mm Max & SMAW- Unlimited	
Diameter:	2-7/8" (73mm) OD & Over	
Backing:	GTAW With or Without Backing & Gas Backing SMAW- With Backing only	
Qualification Code	ASME Sec IX	
WIC No: LTHE-WIC-146	Date: 02.08.2022	
Format No: EN-201833-MF-009 Rev_00		

भारत गणराज्य / REPUBLIC OF INDIA

Y3295133



KUMAR

NIRANJAN

15/01/1986 M

MUZAFFARPUR, BIHAR

PATNA

Niranjan kumar

10/06/2024 09/06/2034

P<INDKUMAR<<NIRANJAN<<<<<<<<<<<<<<<<<<<<<<<<

Y3295133<8IND8601159M3406094107965371882 4<34

EMIGRATION CHECK REQUIRED

Y3295133

पिता/माता/कानूनीअभिभावक का नाम / Name of Father / Mother / Legal Guardian

BASUDEO MAHTO

माता का नाम / Name of Mother

SITAPATI DEVI

पति या पत्नी का नाम / Name of Spouse

RINA DEVI

पता / Address

AT BAIRIA MOHNA,PO KOLHUA PAIGAMBARPUR

PS AHIYAPUR,MUZAFFARPUR

PIN:843108,BIHAR,INDIA

पूर्व पासपोर्ट का नं., जारी करने की तारीख तथा स्थान / Old Passport No. with Date and Place of Issue

P2456973 19/12/2016 PATNA

फाइल नं. / File No.

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