

## **BIO - DATA**

<b>POST APPLIED</b>	WELDER(DOWN HILL) DOLLY MIX,ALL PASS
EXPERIENCE IN INDIA	10 YEAR'S
QUALIFICATION	09 <sup>TH</sup> PASSED
EXPERIENCE IN ABROAD	10 <sup>TH</sup> YEAR'S
LANGUAGE KNOWN	HINDI & ENGLISH
DATE OF BIRTH	25.11.1977
PLACE OF BIRTH	MUZAFFARPUR
RELIGION	HINDU
NATIONALITY	INDIAN



### **PARTICULARS AS PER PASSPORT**

NAME	RAM NARAYAN MAHTO
FATHER'S NAME	DEVLAL MAHTO
MOTHER'S NAME	SUMITRA DEVI
WIFE NAME	SHANTI DEVI
PASSWORD No.	Y 6608455
DATE OF Issue	20-12-2023
PLACE OF Issue	MUSCAT
DATE OF Expiry	19-12-2033

<b>Permanent Address :</b> Mr. RAM NARAYAN MAHTO VILL – SRI SIYA JAGDISH Post - SRISIYA JAGDISH P.s - KATHAIYA Dist – MUZAFFARPUR State – BIHAR Pin – 843127 Mob - 9525786837	<b>Present Address</b>

### **JOB DESCRIPTION**

<b>NAME OF COMPANY</b>	<b>POSITION</b>	<b>PERIOD</b>
ABNA CONSTRUCTION LTD. MKPL PROJECT.	SG WELDER	20.05.2004 TO 11.09.2004
JAI HIND PROJECT. LTD. TPPL PROJECT.	SG WELDER	08.12.2005 TO 15.03.2006
PUNJ LLOYD LTD. MDPL PROJECT.	SG WELDER	22.03.2006 TO 18.09.2006
GAMMON INDIA LTD. DUPL PROJECT	SG WELDER	15.12.2006 TO 17.05.2007
KALPATRU POWER LTD. VBPL PROJECT.	SG WELDER	12.09.2007 TO 21.12.2008
PUNJ LLOYD LTD. MUSCAT	SG WELDER	27.12.2007 TO 22.08.2008
L&T GSVC PROJECT. QATAR	SG WELDER	03.03.2009 TO 15.12.2010
KAZ STORY SERVICE. LTD. GGS PROJECT.	SG WELDER	12.08.2011 TO TILL DATE
MYANMAR-China oil & gas pipeline project	SG WELDER	15.10.2011 TO 12.02.2012
ROBT STONE(ME)LLC ABU DHABI U.A.E	SG WELDER	16.04.2013 TO 29.11.2015
KALPATRU POWER TRANSMISSION LTD.	SG WELDER	20.02.2015 TO 16.06.2016
All TRUKI Enterprise L.L.C Oman	SG WELDER	26.11.2016 TO 16.06.2017
AL MUASUR petroleum Servies PVT LTD India	SG WELDER	23.11.2018 TO TILL DATE
KALPATRU HMPL PIPELINE PROJECT	SG WELDER	05.10.2019 TO 10.03.2020
KALPATRU BARAUNI GUWAHATI PIPE LINE PROJECT	SG WELDER	05.1.2021 TO 26.06.2021
MEGHA RAJASTHAN REFINERY PROJECT	SG WELDER	15.07.2021 TO 18.12.2021
ARA BAIN INDUSTRIES PROJECT L.L.C	SG WELDER	14.01.2024 TO RUNNING
	SG WELDER	
	SG WELDER	
	SG WELDER	

वीज़ / VISA



भारत गणराज्य / REPUBLIC OF INDIA

टाइप / Type  
P

कोड / Code  
IND

चान्दीकारा / Nationality  
भारतीय / INDIAN

पासपोर्ट नं. / Passport No.  
**Y6608455**

उपनाम / Surname

**MAHTO**

दिया गया नाम / Given Name(s)

**RAM NARAYAN**

जन्मतिथि / Date of Birth

**25/11/1977**

लिंग / Sex

**M**

जन्म स्थान / Place of Birth

**MUZAFFARPUR, BIHAR**

जारी करने का स्थान / Place of Issue

**MUSCAT**

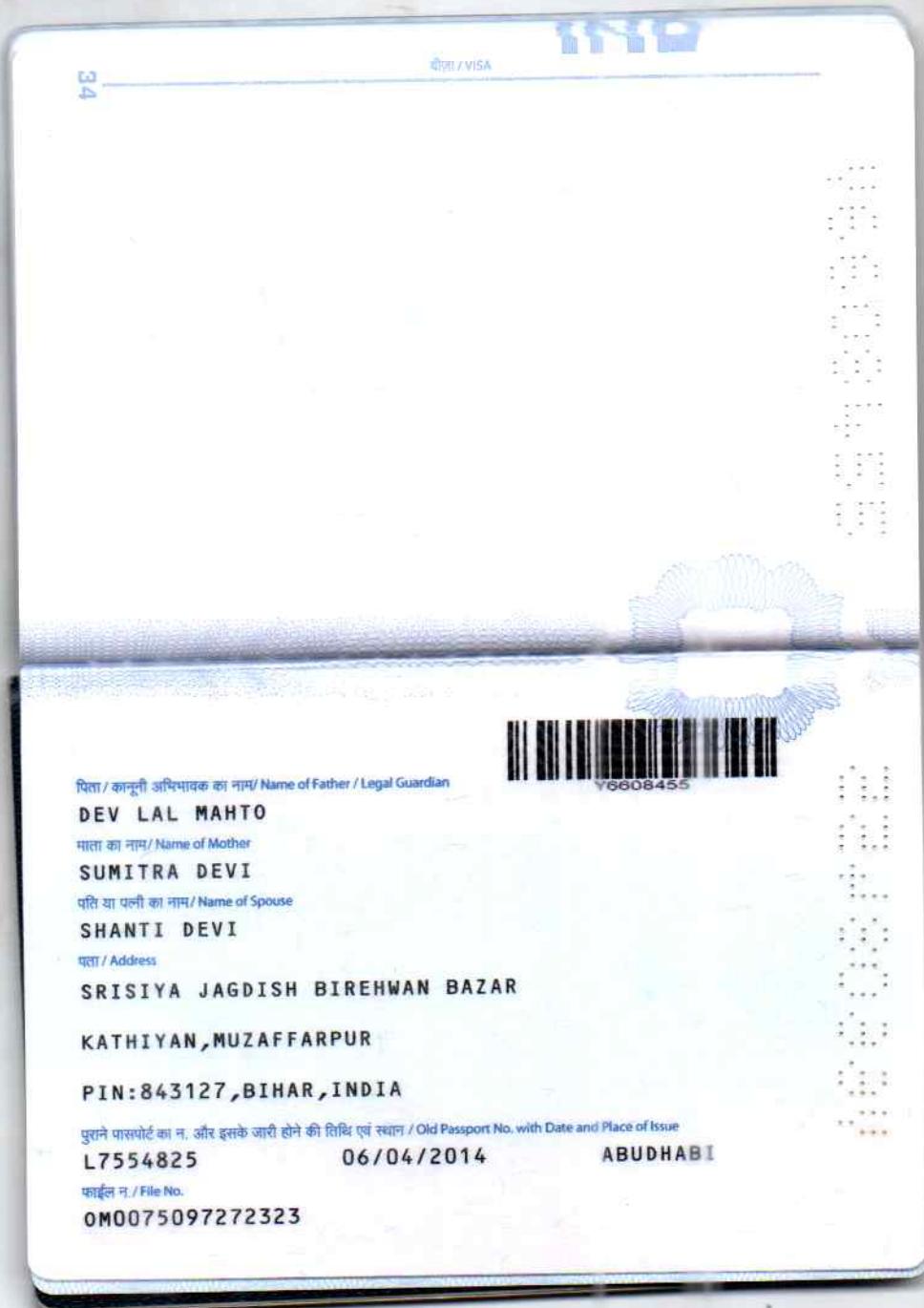
जारी करने की तिथि / Date of Issue

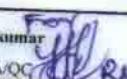
**20/12/2023**

तात्परि की तिथि / Date of Expiry

**19/12/2033**

P<INDMAHTO<<RAM<NARAYAN<<<<<<<<<<<<<  
**Y6608455<0IND7711259M33121970075097272323<90**



ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Welder Qualification Card</b>	
Name	Ramnarayan Mahto
ID:	AIP/BST/W-04
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p>	
Code /Specification	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00
WPS Tested	AIP-WPS-PL-005,K-05
WPS Qualified	P+P Tie In
Date	18/Dec/23
Signed By	
A.Sasikumar	
AIP QA/QC	RAVIKUMAR
E&I P025 Rev. 0	

ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Qualification Ranges</b>	
Name	Ramnarayan Mahto
ID:	AIP/BST/W-04
Process	SMAW
Progression	Root Uphill, Rest Downhill
Electrode	E6010 & E8010 P1
Test Coupon	20" PIPE
Dia Qualified	OD > 12.75" (323.9mm)
W.T Qualified	4.8 mm to 19.1 mm
Position	5G (Fixed)
TESTED	18/Dec/23
EXPIRY	15/Jun/24
A.Sasikumar RAVIKUMAR	

ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Welder Qualification Card</b>	
Name	RAMNARAYAN MAHTO
ID:	AIP/BST/W-004
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p>	
Code /Specification	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00
WPS Tested	AIP-WPS-PL-001,K-02
WPS Qualified	P+P Mainline
Date	14/Jan/22
Signed By	
Dixon Davis	
AIP QA/QC	Company Rep. / FP
E&I P025 Rev. 0	

ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Qualification Ranges</b>	
Name	RAMNARAYAN MAHTO
ID:	AIP/BST/W-004
Process	SMAW
Progression	DOWNSHILL-ALL PASSES
Electrode	E6010 & E8010 P1
Test Coupon	24" PIPE
Dia Qualified	OD > 12.75" (323.9mm)
W.T Qualified	4.8 mm to 19.1 mm
Position	5G (Fixed)
TESTED	14/Jan/22
EXPIRY	13/Jul/22
A.Sasikumar RAVIKUMAR	

ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Welder Qualification Card</b>	
Name:	Ramnarayan Mahto
ID:	AIP/BST/W-04
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p>	
Code /Specification	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00
WPS Tested	AIP-WPS-PL-013,K-02
WPS Qualified	P + P Mainline
Date :	14/Nov/23
Signed By	
Hariharabalan	
AIP QA/QC	Company Rep. / C
E&I P025 Rev. 0	

ARABIAN INDUSTRIES PROJECT L.L.C	
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48	
<b>Qualification Ranges</b>	
Name	Ramnarayan Mahto
ID:	AIP/BST/W-04
Process	SMAW
Progression	Root uphill others Downhill
Electrode	E6010 & E8010 P1
Test Coupon	10" PIPE
Dia Qualified	OD 2.375" to 12.75"
W.T Qualified	4.8 mm to 19.1 mm
Position	5G (Fixed)
TESTED	14/11/2023
EXPIRY	13/05/2024
M.Mohamed Hariharabalan	
AIP QA/QC	

mell		WELDER IDENTIFICATION CARD - PIPELINE	
   			
E&I P0-M PACKAGE FOR RAW WATER PIPELINE AND ASSOCIATED FACILITIES FOR RAJASTHAN REFINERY PRESCRIBED PURITY PART-II			
Name:	RAMNARAYAN MAHTO		
Welder No:	MEL-PL-001		
Date of Test:	28-Jun-21		
Valid Till:	Till Expiry Date		
Approver of Welding:	No Position		
Applicable Code:	ASME QWQW DR-1 & ECA Specification (E774-00-02-43-WPS-001) ASME DR-1 & ECA		
Pipe Material:	API 5L GR. B & PSL-1		
Size Range Qualified:	Qualified Dia > 26 in.		
Thickness Range Qualified:	2 MM Through-30 MM		

mell		WELDER IDENTIFICATION CARD - PIPELINE	
Identification No.: MEL-PL-001			
Approval Exp.: 03/07/2024			
A - All Tests, RH - Root Hot Pass Only, PC - Fill & Cap Only			
WPS No.	Welding Process	Direction of Welding	Date of Test / Qualification
WPS-01	SMAW	DOWNHILL	28-Jun-21
		Type of Consumables	Sign
		MEL	EL
		A	FIR
Date of Issue:		15-Jun-21	
Prepared by MEL		Approved by EL	
		FIR (Suresh Kumar)	

ARABIAN INDUSTRIES PROJECT L.L.C.		CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 6 & 49			<b>OQ</b>
		Qualification Ranges			
Name	Ramnarayan Mahto	ID:	AIP/BST/W-04		
Process	SMAW	TESTED	EXPIRY	OO	
Progression	Root uphill others Downhill	14/11/2023	13/05/2028	<i>2024-05-13</i>	
Electrode	E6010 & E8010 P1				
Test Coupon	10" PIPE				
Dia Qualified	OD 2.375" to 12.75"				
W. T Qualified	4.8 mm to 19.1 mm				
Position	5G (Fixed)				
<i>M. N. Mahto</i> Haribarabalan					
OQ-QA-04					

ARABIAN INDUSTRIES PROJECT L.L.C.		CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 6 & 49			<b>OQ</b>
		Qualification Ranges			
Name	RAMNARAYAN MAHTO	ID:	AIP/BST/W-004		
Process	SMAW	TESTED	EXPIRY	OO	
Progression	DOWNHILL-ALL PASSES	14/Jan/22	13/Jul/23	<i>2023-07-13</i>	
Electrode	E6010 & E8010 P1	14-1-22	12-1-23	<i>2023-01-12</i>	
Test Coupon	24" PIPE	14-1-23	13-7-23	<i>2023-07-13</i>	
Dia Qualified	OD > 12.75" (323.9mm)	14-7-23	13-1-24	<i>2024-01-13</i>	
W. T Qualified	4.8 mm to 19.1 mm	14-1-24	15-7-24	<i>2024-07-15</i>	
Position	5G (Fixed)				
<i>Haribarabalan</i>					
OQ-QA-04					

ARABIAN INDUSTRIES PROJECT L.L.C.		CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 6 & 49			<b>OQ</b>
		Qualification Ranges			
Name	Ramnarayan Matho	ID:	AIP/BST/W-04		
Process	SMAW	TESTED	EXPIRY	OO	
Progression	Root: Uphill, Rest: Downhill	18/Dec/23	15/Jun/24	<i>2024-06-15</i>	
Electrode	E6010 & E8010 P1				
Test Coupon	20" PIPE				
Dia Qualified	OD > 12.75" (323.9mm)				
W. T Qualified	4.8 mm to 19.1 mm				
Position	5G (Fixed)				
<i>Haribarabalan</i>					
A Sastikumar RAVENDRAN					
OQ-QA-04					

ARABIAN INDUSTRIES PROJECT L.L.C.							
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 48 & 49							
<b>Welder Qualification Card</b>							
Name: Ramnarayan Mahto	ID: AIP/BST/W-04						
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p> <table border="1"> <tr> <td>Code /Specification:</td> <td>API 1104-21st Edition &amp; Errata-5 &amp; BST-GEN-QAC-SPC-WPO-610-00001-00</td> </tr> <tr> <td>WPS Tested:</td> <td>AIP-WPS-PL-013.K-02 P+P Mainline</td> </tr> <tr> <td>WPS Qualified:</td> <td>AIP-WPS-PL-013.K-02 ALL PASS</td> </tr> </table> <p>Date: 14/Nov/23</p>		Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00	WPS Tested:	AIP-WPS-PL-013.K-02 P+P Mainline	WPS Qualified:	AIP-WPS-PL-013.K-02 ALL PASS
Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00						
WPS Tested:	AIP-WPS-PL-013.K-02 P+P Mainline						
WPS Qualified:	AIP-WPS-PL-013.K-02 ALL PASS						
<p>Signed By</p> <p><i>Haribarshan</i></p> <p>Haribarshan AIP QA/QC Est. JIP256 Rev. 0</p> <p><i>Mohamed</i></p> <p>Company Rep. / OQ</p>							

ARABIAN INDUSTRIES PROJECT L.L.C.							
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 48 & 49							
<b>Welder Qualification Card</b>							
Name: RAMNARAYAN MAHTO	ID: AIP/BST/W-004						
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p> <table border="1"> <tr> <td>Code /Specification:</td> <td>API 1104-21st Edition &amp; Errata-5 &amp; BST-GEN-QAC-SPC-WPO-610-00001-00</td> </tr> <tr> <td>WPS Tested:</td> <td>AIP-WPS-PL-001.K-02 P+P Mainline</td> </tr> <tr> <td>WPS Qualified:</td> <td>AIP-WPS-PL-001.K-02 ALL PASS</td> </tr> </table> <p>Date: 14/Jan/22</p>		Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00	WPS Tested:	AIP-WPS-PL-001.K-02 P+P Mainline	WPS Qualified:	AIP-WPS-PL-001.K-02 ALL PASS
Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00						
WPS Tested:	AIP-WPS-PL-001.K-02 P+P Mainline						
WPS Qualified:	AIP-WPS-PL-001.K-02 ALL PASS						
<p>Signed By</p> <p><i>Dixon Davis</i></p> <p>Dixon Davis AIP QA/QC Est. JIP256 Rev. 0</p> <p><i>APL</i></p> <p>Company Rep. / PP</p> <p><i>NO. 04</i></p>							

ARABIAN INDUSTRIES PROJECT L.L.C.							
CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 48 & 49							
<b>Welder Qualification Card</b>							
Name: Ramnarayan Mahto	ID: AIP/BST/W-04						
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification.</p> <table border="1"> <tr> <td>Code /Specification:</td> <td>API 1104-21st Edition &amp; Errata-5 &amp; BST-GEN-QAC-SPC-WPO-610-00001-00</td> </tr> <tr> <td>WPS Tested:</td> <td>AIP-WPS-PL-005.K-05 P+P Tie In</td> </tr> <tr> <td>WPS Qualified:</td> <td>AIP-WPS-PL-005.K-05 ALL PASS</td> </tr> </table> <p>Date: 18/Dec/23</p>		Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00	WPS Tested:	AIP-WPS-PL-005.K-05 P+P Tie In	WPS Qualified:	AIP-WPS-PL-005.K-05 ALL PASS
Code /Specification:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00						
WPS Tested:	AIP-WPS-PL-005.K-05 P+P Tie In						
WPS Qualified:	AIP-WPS-PL-005.K-05 ALL PASS						
<p>Signed By</p> <p><i>A.Sasikumar</i></p> <p>A.Sasikumar AIP QA/QC Est. JIP256 Rev. 0</p> <p><i>Ravikumar</i></p> <p><i>Ram</i></p> <p>Company Rep. / OQ</p>							



**ARABIAN INDUSTRIES PROJECT L.L.C**  
**WELDER PERFORMANCE QUALIFICATION (WPQ) PIPELINE**  
(Reference : API 1104 21st Ed.)



CLIENT	OQ EXPLORATION & PRODUCTION LLC		
CONTRACT	AB/2019-036		
CONTRACT TITLE :	CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 50 & 48		

Welder's Name	RAMNARAYAN MAHTO	AIP Employee No.	SBL	Stamp No.	AIP/BST/W-004
Welding process(es) used	SMAW	Type:			
W.P.S. No	AIP-WPS-PL-001	Rev:	K-02	Date	14-Jan-22
Base material(s) welded	API 5L/ISO 3183 X-60MS/L415MS	Weldolet Thickness:			NA

Variables	Actual values	Range Qualified
Welding Process	SMAW	SMAW
Base Material Group No :	API 5L/ISO 3183 X-60MS/L415MS	API 5L/ISO 3183 X-60MS/L415MS
( ) Plate, (X) Pipe (outside diameter if pipe)	24" PIPE	OD > 12.75" (323.9mm)
Filler metal/ Electrode AWS specification (SFA):	SFA 5.1 & SFA 5.5	SFA 5.1 & SFA 5.5
Filler metal or electrode classification	E6010 & E6010 P1	E6010 & E6010 P1
Filler Metal Group No.	NA	NA
Base metal Thickness (GTAW/SMAW)	14.27 mm	4.8 mm to 19.1 mm
Consumable insert for GTAW	NA	NA
Welding position	5G	5G
Progression (uphill / downhill)	DOWN-HILL-ALL PASSES	DOWNHILL-ALL PASSES
Backing gas for GTAW, PAW, or GMAW, fuel, gas for OFW	NA	NA
Welding current type/polarity	DCEP	DCEP
Code / Specifications:	API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00	
Note :		

**DETAILS OF TESTS & RESULTS**

Visual examination results	ACCEPT	Report No.	AIP-BST-WQT-01
Radiography examination results	ACCEPT	Report No.	AIP-BST-WQT-02
UT examination results	NA	Report No.	NA
MT/PT test results	NA	Report No.	NA
Transverse Tensile test results	ACCEPT	Report No.	LMMET-2200420 Rev 2
All Weld Tensile test results	NA	Report No.	NA
Nick Break results	ACCEPT	Report No.	LMMET-2200420 Rev 2
Root Bend results	NA	Report No.	NA
Side Bend results	ACCEPT	Report No.	LMMET-2200420 Rev 2
Macro examination results	NA	Report No.	NA
Hardness survey results	NA	Report No.	NA
Charpy Impact results	NA	Report No.	NA
Welding test conducted by	ARABIAN INDUSTRIES PROJECT L.L.C, BISAT		
Mechanical tests conducted by	Lonestar Alpha Laboratories, Muscat	Laboratory test no.	LMMET-2200420 Rev 2

We certify that the statements in this WPQD are correct and that the test coupons were prepared welded and tested in accordance with API 1104.

Test conducted by :



Exb.P025b Rev. 0

Test Witnessed by :



5-02-22

 <b>ARABIAN INDUSTRIES PRODUCT LLC</b> CONSTRUCTION AND WELDING EQUIPMENT MANUFACTURER		 <b>OCC</b>	
<b>Welder Qualification Card</b>			
Name:	RAMNARAYAN MAMTUO WI ALPBS/TW-4004		
We warrant that the above named welder has passed the required examination test and is qualified to perform the following tasks as indicated. All tests are conducted in accordance with API 1104-21st Edition & Errata J & HS7-1 Code: API 1104-21st Edition & Errata J & HS7-1 Specification: GL/NC-QC-SPE-AMPQD (04/2006)-d0 WPS Certified: ALPB-WPS-P1-4001-K-02 WPS Qualified: ALPB-WPS-P1-4001-K-02 WPS Approved: P-PM-K-01 Date: 14/Jan/22			
		Signed By:  Ramnarayan Mamtuo 	
			

ARABIAN INDUSTRIES PROJECT LLC CONTRACT NUMBER E-CONTRACT # 01 OF 06/06/2016		OQC	
<b>Qualification Ranges</b>			
Name:	RAMNARAYAN MAHTO	ID:	AIP/BS/TW-004
Process	SMAW	TESTED	EXPIRY
Preparation	DOWNHILL-ALL PASSES	14/06/22	13/06/22
Electrode	16/06.4 K E360 D/P	<u>14.7.22</u>	<u>13.1.23</u>
Test Cupons	24" PIPE		
Dia (Qualified)	60 > 12.75 (121.9mm)		
W.I Qualified	4.8 mm to 19.1 mm		
Position	G (fixed)		
 <b>Arabian Industries Project LLC</b> <b>Quality Control Department</b> <b>QA/QC Department</b> <b>01</b>			

Based on the satisfactory performance,  
Card renewed upto 13-01-2023

Card renewed upto 13-01-2003

14-04-2022-01  
SA-QC DEPARTMENT



**ARABIAN INDUSTRIES PROJECT L.L.C**  
**WELDER PERFORMANCE QUALIFICATION (WPQ) PIPELINE**

(Reference : API 1104 21st Ed.)



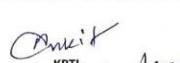
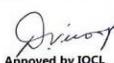
<b>CLIENT</b> <b>CONTRACT</b> <b>CONTRACT TITLE :</b>	: OQ EXPLORATION & PRODUCTION LLC : AB/2019-036 : CONSTRUCTION AND SERVICE CONTRACT (CSC) FOR BLOCK 60 & 48		
<b>Welder's Name</b> <b>Welding process(es) used</b> <b>W.P.S. No</b> <b>Base material(s) welded</b>	Ramnarayan Mahto SMAW API-WPS-PL-08 API 5L/ISO 3183 X-60MS/L415MS	<b>AIP Employee No.</b> SBL <b>Type:</b> NA <b>Rev:</b> K-01 <b>Welded thickness:</b> NA	<b>Stamp No.</b> AIP/BST/W-04 <b>Date</b> 3-May-22
<b>Variables</b>		<b>Actual values</b>	<b>Range Qualified</b>
Welding Process Base Material Group No : <input checked="" type="checkbox"/> Plate <input type="checkbox"/> Pipe (outside diameter if pipe)		SMAW API 5L/ISO 3183 X-60MS/L415MS	SMAW API 5L/ISO 3183 X-60MS/L415MS
Filler metal/ Electrode AWS specification (SFA) : Filler metal or electrode classification		SFA 5.1 & SFA 5.5 E8010 & E8010 P1	SFA 5.1 & SFA 5.5 E8010 & E8010 P1
Filler Metal Group No. Base metal Thickness (GTAW/SMAW)		1 & 2 06.35 mm	1 & 2 4.8 mm to 19.1 mm
Consumable insert for GTAW Welding position		NA SG	NA SG
Progression (uphill / downhill) Backing gas for GTAW, PAW, or GMAW, fuel, gas for OFW		DOWNHILL-ALL PASSES NA	DOWNHILL-ALL PASSES NA
Welding current type/polarity Joint Design		DCEP Single V	DCEP Single V
Code / Specifications: API 1104-21st Edition & Errata-5 & BST-GEN-QAC-SPC-WPO-610-00001-00 Note :			
<b>DETAILS OF TESTS &amp; RESULTS</b>			
Visual examination results Radiography examination results UT examination results MT/PT test results Cross Weld (transverse) Tensile test results All Weld Tensile test results Nick Break results Root Bend results Face Bend results Macro examination results Hardness survey results Charpy Impact results Welding test conducted by Mechanical tests conducted by			
ACCEPT Report No. AJ-PQR-894 ACCEPT Report No. WR09-X11-RT-02 ACCEPT Report No. NA ACCEPT Report No. NA ACCEPT Report No. LMMET-2202147 Rev 0 ACCEPT Report No. LMMET-2202147 Rev 0 ARABIAN INDUSTRIES PROJECT L.L.C , BISAT Lonestar Alpha Laboratories, Muscat Laboratory test no. LMMET-2202147 Rev 0			
We certify that the statements in this record are correct and that the test coupons were prepared welded and tested in accordance with API 1104.			
Test conducted by : Ex. P025b Rev. 0	Test Witnessed by : Ilyass Al kindi Client	Reviewed by Ilyass Al kindi 19-2-2027	

Name	Ramkrishna Mahato	ID:	AIP/BST/W-04
Process	SNAW	TESTED	EXPIRY
Possession	DOORSHILL-TALL PASSES	3/30/2022	3/30/2022
Expenditure	(HIGH & MEDIUM OPI)	3-1-22	1-5-23
Test Coupon	(D-X-6.35 MM)		
Dis Qualified	000-2.75% w 12.75%		
W.T. Qualified	4.8 mm to 19.1 mm		
Position	(G) (if needed)		

#### BASED ON THE SATISFACTORY PERFORMANCE

 <p>KALPATARU Power Transmission Ltd (Infrastructure Division)</p>		<b>HMPL PIPELINE PROJECT</b> (Group-A of PHDPL-AUG LPG Pipeline Project)	
		<b>Owner :</b> Indian Oil Corporation Limited (IOCL) <b>Contractor:</b> Kalpataru Power Transmission Ltd (KPTL)	
<b>WELDER IDENTIFICATION CARD</b>			
Welder Name	RAMNARAYAN MAHTO		
ID No.	W-52		
Pipe Material	API 5L X70 PSL 2		
Dia/Range Qualified	18 "/ ABOVE 12.75"		
Thk/Range Qualified	9.53 mm/ 4.8 to 19.1 mm		
Validity	Satisfactory Performance		
<b>Ref:</b> API 1104 latest edition & IOCL Spec IOCL-ML/HDD-WELD-SPEC <small>FORMAT No. KPTL/P/L/HMPL(A)/B-007/3 Rev.D</small>			

<b>Identification No. :</b> W - 52 * Approved For : <b>ALL PASS</b>						
<small>* A - All passes R/H, FC- Fill &amp; Cap only</small>						
WPS No.	Welding Process	Direction of Welding	Welding Position	Type of Consumables	Date of Test	Sign
WPS-01	SMAW	All Pass Downhill	5G	E6010+E8010P1	05-01-2021	

  
 Ankit  
 KPTL  
  
 Divyanshu  
 Approved by IOCL



QA/QC  
 KALPATARU POWER TRANSMISSION LTD  
 PHDPL (PHDPL) PROJECT

VIRGOOL DAWRA  
 विर्गोल डारा  
 Project Engineer (P.E.)  
 अधिकारी प्रैजेनर (पी.ई.)  
 IOCL, PHDPL, HALDIA

← W-28 Rammnaray...

		BARAUNI-GUWAHATI PIPELINE PROJECT, (SECTION-VI) WELDER IDENTIFICATION CARD Doc.No: KPTL-PI-BGPL-IP-06- Rev.00		KALPA TRAU Power Transmission Ltd. (Infrastructure Division)	
Name of Welder	Ramnarayan Mahto	Date of Test	04.10.2019	 	
Welder No	2B	WPS No	02		
Process	SMAW-MANUAL	Position	SG-Fixed Horizontal		
Electrode	For Root E-6010				
	For Others E-6010-P1				
Qualified as per API 1104 (LATEST EDITION) & MECON. Spec					
WPS	02	Material	API 5L GR. X-70 PSL-2		
Pipe Dia / Thickness Range	Dia: <12.750 Thk. 4.8 TO 19.1 MM	Direction of Welding	Root Uphill & Other Passes Downhill		
Root	E-6010 (3.2 mm)	Other Passes	(Hot Pass, Fill & Cap) E-6010-P1 (4.0 mm)		
Date of Acceptance	05.10.2019	Valid Upto	Till Satisfactory Performance		
FOR KPTL		FOR MECON/GAIL			
Sign:		Sign:			
Name:	Dhamendra Kumar	Name:	AYUSH BANSAL		
Date:	05/10/19	Date:			

← W-28 Rammnaray...



		BARAUNI-GUWAHATI PIPELINE PROJECT, (SECTION-VI) WELDER IDENTIFICATION CARD Doc.No: KPTL-PI-BGPL-IP-06- Rev.00		KALPA TRAU
Name of Welder	Ramnarayan Mahto			Power Transmission Ltd. (Infrastructure Division)
Welder No	2B			 
Date of Test	04.10.2019			
WPS No	02			
Process	SMAW-MANUAL			
Position	SG-Fixed Horizontal			
Electrode	For Root E-6010			
	For Others E-6010-P1			
Qualified as per API 1104 (LATEST EDITION) & MECON. Spec				
WPS	02			
Material	API 5L GR. X-70 PSL-2			
Pipe Dia / Thickness Range	Dia: <12.750 Thk. 4.8 TO 19.1 MM			
Direction of Welding	Root Uphill & Other Passes Downhill			
Root	E-6010 (3.2 mm)			
Other Passes	(Hot Pass, Fill & Cap ) E-6010-P1(4.0 mm)			
Date of Acceptance	05.10.2019			
Valid Upto	Till Satisfactory Performance			
FOR KPTL		FOR MECON/GAIL		
Sign:		 Sign: 		
Name:	Dhamendra Kumar	Name: AYUSH BANSAL		
Date:	05/10/19	Date:		

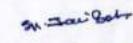
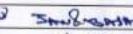
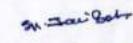
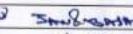
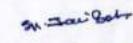
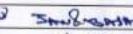
← W-28 Rammnaray...

		BARAUNI-GUWAHATI PIPELINE PROJECT, (SECTION-VI) WELDER IDENTIFICATION CARD Doc.No: KPTL-PI-BGPL-IP-06- Rev.00		KALPA TRAU Power Transmission Ltd. (Infrastructure Division)	
Name of Welder	Ramnarayan Mahto	Date of Test	04.10.2019	 	
Welder No	2B	WPS No	02		
Process	SMAW-MANUAL	Position	SG-Fixed Horizontal		
Electrode	For Root E-6010				
	For Others E-6010-P1				
Qualified as per API 1104 (LATEST EDITION) & MECON. Spec					
WPS	02	Material	API 5L GR. X-70 PSL-2		
Pipe Dia / Thickness Range	Dia: <12.750 Thk. 4.8 TO 19.1 MM	Direction of Welding	Root Uphill & Other Passes Downhill		
Root	E-6010 (3.2 mm)	Other Passes	(Hot Pass, Fill & Cap) E-6010-P1 (4.0 mm)		
Date of Acceptance	05.10.2019	Valid Upto	Till Satisfactory Performance		
FOR KPTL		FOR MECON/GAIL			
Sign:		Sign:			
Name:	Dhamendra Kumar	Name:	AYUSH BANSAL		
Date:	05/10/19	Date:			

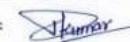
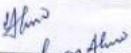
Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							
Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							
FOR MECON/GAIL								
EDITION: 6 & MECON, SPEC								
Project No.:	WPTL-PL-BGPL-JP-06							
Section No.:	VI							
Project Name:	KALPATARU POWER TRANSMISSION LTD							
Client Name:	GAIL (INDIA) LIMITED							
Consultant Name:	MECON LIMITED							
Contractor Name:	M/s KALPATARU POWER TRANSMISSION LTD							
Report No.:	WQT-21							
Date:	26.10.2019							
SPREAD:	VI							
Appendix:	4							
Report No.:	Res. 98							
RECORD FOR WELDER OR WELDING OPERATOR QUALIFICATION TESTS								
Welder Name:	Ramnarayan Mahto	WPS No.:	03					
Welder I.D No:	28	Test date:	19.10.2019					
Welder Address:	As per Aadhar Card	Test Record No.:	WQT-21					
Applicable Code:	API 1104	Type of welding:	Butt Weld					
Welding Process:	SMAW	Diameter range Qualified:	≥ 12.75" (323.9MM)					
Pipe material:	API 5L X-70 PSL-2	Thickness range Qualified:	4.8 MM To 19.1MM					
Pipe out side diameter:	24"	Joint Design:	Single Bevel Butt Weld					
Pipe wall thickness:	12.2 MM							
Weld Layer:	Direction Of Welding:	Filler Metal:		Travel Speed (mm / min.):	Amps (A):	Volt (V):	Remarks:	
ROOT	UpHill	SFA 5.1	E-6010 (Bohler)	3.2	DCEP	63	72-84	26-28
HOT	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	114	95-120	30-31
FILL-1	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	112	110-115	27-29
FILL-2	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	114	114-122	29-30
FILL-3	Downhill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	119	115-120	26-31
CAPPING (MultiLayer)	Downhill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	140	111-117	26-30
Electrical characteristics:			Reason of failure:					
Weld Position:			N/A					
Filter Metal Range:			Non Destructive Examination:					
Direction of Welding:								
Root Pass:	UPHILL		Butt weld:	Groove				
Hot Pass:	DOWNHILL		Radiography report No.:	228				
Subsequent Passes:	DOWNHILL		Accepted date and time:	26.10.2019				
Visual Inspection:			Type of penetrant:	Wire type.				
Accepted date and Time:			Essential wire accepted for film side viewing:	12" Wire				
Validity: Till Satisfactory Performance								
Note: The statement in this record is correct. The welder has completed the weld in accordance with applicable WPS, API 1104 20 <sup>th</sup> EDITION								
KPTL		MECON/GAIL						
Sign:		Sign:						
Name:	S. K. MISHRA	Name:	S. K. MISHRA					
Date:	27/10/2019	Date:	27/10/2019					

Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							
Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							
FOR MECON/GAIL								
EDITION: 6 & MECON, SPEC								
Project No.:	WPTL-PL-BGPL-JP-06							
Section No.:	VI							
Project Name:	KALPATARU POWER TRANSMISSION LTD							
Client Name:	GAIL (INDIA) LIMITED							
Consultant Name:	MECON LIMITED							
Contractor Name:	M/s KALPATARU POWER TRANSMISSION LTD							
Report No.:	WQT-21							
Date:	26.10.2019							
SPREAD:	VI							
Appendix:	4							
Report No.:	Res. 98							
RECORD FOR WELDER OR WELDING OPERATOR QUALIFICATION TESTS								
Welder Name:	Ramnarayan Mahto	WPS No.:	03					
Welder I.D No:	28	Test date:	19.10.2019					
Welder Address:	As per Aadhar Card	Test Record No.:	WQT-21					
Applicable Code:	API 1104	Type of welding:	Butt Weld					
Welding Process:	SMAW	Diameter range Qualified:	≥ 12.75" (323.9MM)					
Pipe material:	API 5L X-70 PSL-2	Thickness range Qualified:	4.8 MM To 19.1MM					
Pipe out side diameter:	24"	Joint Design:	Single Bevel Butt Weld					
Pipe wall thickness:	12.2 MM							
Weld Layer:	Direction Of Welding:	Filler Metal:		Travel Speed (mm / min.):	Amps (A):	Volt (V):	Remarks:	
ROOT	UpHill	SFA 5.1	E-6010 (Bohler)	3.2	DCEP	63	72-84	26-28
HOT	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	114	95-120	30-31
FILL-1	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	112	110-115	27-29
FILL-2	DownHill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	114	114-122	29-30
FILL-3	Downhill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	119	115-120	26-31
CAPPING (MultiLayer)	Downhill	SFA 5.5	E-6010 P-1 (Bohler)	4.0	DCEP	140	111-117	26-30
Electrical characteristics:			Reason of failure:					
Weld Position:			N/A					
Filter Metal Range:			Non Destructive Examination:					
Direction of Welding:								
Root Pass:	UPHILL		Butt weld:	Groove				
Hot Pass:	DOWNHILL		Radiography report No.:	228				
Subsequent Passes:	DOWNHILL		Accepted date and time:	26.10.2019				
Visual Inspection:			Type of penetrant:	Wire type.				
Accepted date and Time:			Essential wire accepted for film side viewing:	12" Wire				
Validity: Till Satisfactory Performance								
Note: The statement in this record is correct. The welder has completed the weld in accordance with applicable WPS, API 1104 20 <sup>th</sup> EDITION								
KPTL		MECON/GAIL						
Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							
Sign:								
Name:	S. K. MISHRA							
Date:	27/10/2019							

SECTION-VI	प्राप्ति पत्र
	Power Transmission Ltd. (Infrastructure Division)
प्राप्ति पत्र	
(Section VI) Form No. 1	
EDITION & MECON Spec	
D 19.1 MM	
Bens Downhill	
E=60 10.1  (4.0 mm)	
since	
FOR MECONGAIL	
I/P:	S. S. Bandy
Name:	S. S. BANDY
Date:	26/01/19
	

PROJECT : BARAUNI-GUWAHATI PIPELINE PROJECT, (SECTION-VI)		Report No.: WQJ-21														
CLIENT : GAIL (INDIA) LIMITED	Date : 26.10.2019															
CONSULTANT : MECON LIMITED	SPREAD : VI															
CONTRACTOR : M/s KALPATARU POWER TRANSMISSION LTD	Appendix-4															
Format No. : KPTL-PL-BGPL-JP-06	Rev.: 08															
<b>RECORD FOR WELDER OR WELDING OPERATOR QUALIFICATION TESTS</b>																
Welder Name : Ramnaryan Mahto	WPS No. : 03															
Welder I.D No. : 28	Test date. : 19.10.2019															
Welder Address : As per Aadhar Card	Test Record No. : WQJ-21															
Applicable Code : API 1104	Type of welding : Butt Weld															
Welding Process : SMAW	Diameter range Qualified : ≥ 12.75" (323.9MM)															
Pipe material : API 5L X-70 PSL-2	Thickness range Qualified : 4.6 MM To 19.1MM															
Pipe out side diameter : 24"	Joint Design : Single Bevel Butt Weld															
Pipe wall thickness : 12.2 MM																
 																
WELD LAYER	Direction Of Welding	FILLER METAL						REMARKS								
ROOT	Uphill	SFA 5.1	E-6010 (Boiler)	3.2	DCEP	63	72-84	26-28								
HOT	Downhill	SFA 5.5	E-6010 P-1 (Boiler)	4.0	DCEP	114	95-120	30-31								
FILL-1	Downhill	SFA 5.5	E-6010 P-1 (Boiler)	4.0	DCEP	112	110-115	27-29								
FILL-2	Downhill	SFA 5.5	E-6010 P-1 (Boiler)	4.0	DCEP	114	114-122	29-30								
FILL-3	Downhill	SFA 5.5	E-6010 P-1 (Boiler)	4.0	DCEP	119	115-120	28-31								
CAPPING (Multi-layer)	Downhill	SFA 5.5	E-6010 P-1 (Boiler)	4.0	DCEP	140	111-117	26-33								
Electrical characteristics			Reason of failure : N/A													
Weld Position	DC		Non Destructive Examination													
Filter Metal Range	SF 5 Fixed.		Groove													
Group 1 to Group 2			Radiography report No. : 228													
Direction of Welding																
Root Pass	UPHILL		Accepted date and time : 26.10.2019													
Hot Pass	DOWNHILL		Type of penetrant : Wire type													
Subsequent Passes	DOWNHILL		Essential wire accepted for fillet side viewing : 12 <sup>th</sup> Wire													
Visual Inspection																
Accepted date and Time : Accepted (19.10.2019)																
Validity : Till Satisfactory Performance																
<p>Note: The statement in this record is correct. The welder has completed the weld in accordance with applicable WPS, API 1104 20<sup>th</sup> EDITION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">KPTL</td> <td style="width: 50%;">MECON/GAIL</td> </tr> <tr> <td>Sign: </td> <td>Sign: </td> </tr> <tr> <td>Name: S. K. M. Shrestha</td> <td>Name: </td> </tr> <tr> <td>Date : 27/10/2019</td> <td>Date : 27/10/2019</td> </tr> </table>									KPTL	MECON/GAIL	Sign: 	Sign: 	Name: S. K. M. Shrestha	Name: 	Date : 27/10/2019	Date : 27/10/2019
KPTL	MECON/GAIL															
Sign: 	Sign: 															
Name: S. K. M. Shrestha	Name: 															
Date : 27/10/2019	Date : 27/10/2019															

W-28 RAMNARA...

 		BARAUNI-GUWAHATI PIPELINE PROJECT, (SECTION-VI) WELDER IDENTIFICATION CARD Doc.No: KPTL-PL-BGPL-IP-06- Rev.00		 <b>KALPATRU</b> Power Transmission Ltd. (Infrastructure Division)
Name of Welder	Ramnarayan Mahto	Date of Test	19.10.2019	
Welder No	28	WPS No	03	
Process	SMAW-MANUAL	Position	5G-Fixed Horizontal	
Electrode	For Root E-6010		For Other E-6010-P1	
				 
Qualified as per API 1104 (LATEST EDITION) & MECON. Spec				
WPS	03	Material	API 5L GR. X-70 PSL-2	
Pipe Dia / Thickness Range	Dia: <12.750 Thk: 4.5 TO 19.1 MM			
Direction of Welding	Root Uphill & Other Passes Downhill			
Root	E-6010(3.2 mm)			
Other Passes	(Hotpass , Fill & Cap ) E-6010-P1 (4.0 mm)			
Date of Acceptance	28.10.2019			
Valid Upto	Till Satisfactory Performance			
FOR KPTL		FOR MECON/GAIL		
Sign:			Sign:	
Name:	Dhammenatha Kumar		Name:	Anupam Ahluwalia
Date:	26/10/19.		Date:	26/10/19
				



2/2

<b>KALPATARU</b>									
PROJECT : BAHUANI-GUWAHATI PIPELINE PROJECT, (SECTION-VI)	Report No.: WQT-19								
CLIENT : GAIL (INDIA) LIMITED	Date : 05.10.2019								
CONSULTANT : MECON LIMITED	SPREAD : V1								
CONTRACTOR : MAIS KALPATARU POWER TRANSMISSION LTD	Apprentice: 4								
Format No. : KPTL-PI-BGPL-JP-06	Rec.: 99								
<b>RECORD FOR WELDER OR WELDING OPERATOR QUALIFICATION TESTS</b>									
Welder Name : Ramnarayan Mahto Welder ID No : 28 Welder Address : As per Aadhar Card Applicable Code : API 1104 Welding Process : SMAW Pipe material : API 5L X-70 PSL Pipe out side diameter : 24" Pipe wall thickness : 12.2 MM		 							
WELD LAYER	Direction Of Welding	FILLER METAL	WPS No.	Test date.	Test Record No.	Type of welding	Diameter range Qualified	Thickness range Qualified	Joint Design
ROOT	UpHill	SFA 5.1 E-6010 (Sohler)	3.2	DCEP	43	77-82	28-30		
HOT	DownHill	SFA 5.5 E-6010 P-1 (Soher)	4.0	DCEP	139	112-120	30-32		
FILL-1	DownHill	SFA 5.5 E-6010 P-1 (Soher)	4.0	DCEP	108	106-116	29-31		
FILL-2	DownHill	SFA 5.5 E-6010 P-1 (Soher)	4.0	DCEP	95	111-119	29-31		
FILL-3	DownHill	SFA 5.5 E-6010 P-1 (Soher)	4.0	DCEP	99	115-123	29-30		
CAPPING (MultiLayer)	DownHill	SFA 5.5 E-6010 P-1 (Soher)	4.0	DCEP	127	110-119	29-31		
Electrical characteristics : DC Weld Position : SG Fixed. Filler Metal Range : Group 1 to Group 2		Reason of failure : N/A Non Destructive Examination Butt weld : Groove Radiographic report No. : 200 Accepted date and time : 05.10.2019 Type of penetrant : Wire type. Essential wire accepted for film side viewing : 12 <sup>th</sup> Wire							
Direction of Welding Root Pass : UPHILL Hot Pass : DOWNHILL Subsequent Passes : DOWNHILL									
Visual Inspection Accepted date and Time : Accepted (04.10.2019) Validity : Till Satisfactory Performance									
Note: The statement in this record is correct. The welder has completed the weld in accordance with applicable WPS, API 1104 20 <sup>th</sup> EDITION									
KPTL		MECON/GAIL							
Sign.:		Sign : Arvind Bansal							
Name: Dhamendra Kumar		Name: Arvind Bansal							
Date : 05.10.2019		Date :							

<b>KALPATARU</b>		
Project Transmission Ltd. (Infrastructure Division)		
SECTION-VI	20	T EDITION & MECON Spec.
		TO 19.1 MM
		uses Downhill
		E-6010 P-1 (4.0 mm)
		Time
		FOR MECON/GAIL
		Sign: 
		Name: Arvind Bansal
		Date:

2/2

<b>KALPATARU</b>							
PROJECT : BAHUANI-GUWAHATI PIPELINE PROJECT, (SECTION-VI)	Report No.: WQT-19						
CLIENT : GAIL (INDIA) LIMITED	Date : 05.10.2019						
CONSULTANT : MECON LIMITED	SPREAD : V1						
CONTRACTOR : MAIS KALPATARU POWER TRANSMISSION LTD	Apprentice: 4						
Format No. : KPTL-PI-BGPL-JP-06	Rev.: 00						
<b>RECORD FOR WELDER OR WELDING OPERATOR QUALIFICATION TESTS</b>							
Welder Name : Ramnarayan Mahto Welder ID No : 28 Welder Address : As per Aadhar Card Applicable Code : API 1104 Welding Process : SMAW Pipe material : API 5L X-70 PSL Pipe out side diameter : 24" Pipe wall thickness : 12.2 MM		 					
WPS No. : 02 Test date. : 04.10.2019 Test Record No. : WQT-19 Type of welding : Butt Weld Diameter range Qualified : ≥ 12.75" (323.9MM) Thickness range Qualified : 4.8 MM To 19.1MM Joint Design : Single Bevel Butt Weld							
<b>WELD LAYER</b>  ROOT HOT FILL-1 FILL-2 FILL-3 CAPPING (Multi-layer)  Weld Position : SG Fixed. Fill Metal Range : Group 1 to Group 2 Direction of Welding : <input checked="" type="checkbox"/> UPHILL <input type="checkbox"/> DOWNHILL <input type="checkbox"/> DOWNHILL Hot Pass Subsequent Passes	<b>FILLER METAL</b> AWS CLASS : SFA5.1 TYPE : E-6010 (Sohner) Diameter (MM) : 3.2 POLARITY : DCEP TRAVEL SPEED (mm/min) : 43 AMPS (A) : 77-82 VOLT (V) : 26-30						
	Test Record No. : WQT-19 Type of welding : Butt Weld Diameter range Qualified : ≥ 12.75" (323.9MM) Thickness range Qualified : 4.8 MM To 19.1MM Joint Design : Single Bevel Butt Weld						
	Electrical characteristics : DC Reason of failure : N/A Non Destructive Examination Butt weld : Groove Radiographic report No. : 200 Accepted date and time : 05.10.2019 Type of penetrant : Wire type. Essential wire accepted for film side viewing : 12" Wire						
	Visual Inspection Accepted date and Time : Accepted (04.10.2019) Validity : Till Satisfactory Performance						
	Note: The statement in this record is correct. The welder has completed the weld in accordance with applicable WPS, API 1104 20 <sup>th</sup> EDITION						
	KPTL Sign: 		MECON/GAIL Sign: 				
	Name: Dhamendra Kumar Date : 05.10.2019		Name: AVISH BANSAL Date :				

<b>KALPATARU</b>		
Powered Transmission Ltd. (Infrastructure Division)		
SECTION-VI	TO : 19.1 MM	FOR MECON/GAIL
10	uses Downhill	Sign: 
	E-6010-P1 (4.0 mm)	Name: Avish Bansal
	Time:	Date:
<b>T EDITION &amp; MECON Spec.</b>		

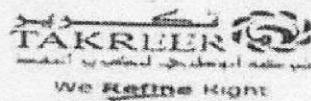
 <b>TAKREER</b> We Refine Right	 <b>TEBODIN</b> Consultants & Engineers	<b>Welder Qualification Test Certificate</b> <b>INTER REFINERIES PIPELINES (IRP-II) PROJECT</b>	 <b>GS E&amp;C</b>  <b>KSS</b>  <b>ROBT STONE</b>
<b>Welder Qualification Test Certificate</b>			
Client :	TAKREER		
Contractor :	GS E & C		
Sub Contractor :	KSS/RSME		
Location :	AI FALAH YARD		
WPS No. :	KSS / IRP / 005A (MAIN LINE WELDING)		
Code :	API 1104, DGS-PU-319		
Welding Position :	5G (FIXED)		
Welder Name :	RAM NARAYAN MAHTO		
Welding Time :	10.00 AM TO 11.20 AM		
Mean Temperature :	31°C		
Weather Condition :	SUNNY		
Welding Machine Type :	Miller Electric - Big Blue 500x CC		
		Pipe Size & Grade : Ø16" x 6.4 mm, API 5L Gr. X65	
<b>TEST FOR</b>		<b>QUALIFIED FOR</b>	
Welding Process : SMAW		Welding Process : SMAW	
Direction of Welding : ALL PASS - DOWNHILL		Direction of Welding : ALL PASS - DOWNHILL	
Filler Metal : Lincoln Electric E - 6010 & E - 8010-P1 (GROUP 1& 2)		Filler Metal : Lincoln Electric E - 6010 & E - 8010-P1 (GROUP 1& 2)	
External Diameter : Ø 406 mm (16")		External Diameter : >12.750" AND ABOVE	
Wall Thickness : 6.4 mm		Wall Thickness : 0.188 in (4.8 mm) Through 0.750 in.(19.1mm),	
Position : 5G Fixed		Position : 5G Fixed	
Joint Design : "V" Bevel Butt		Joint Design : "V" Bevel Butt	
Reinforcement Size :		1.6 ± 0.75 mm	
Acceptable Visual Inspection Report No. :		WQT-04	
Radiographic Testing Result :		Accepted	
Acceptable Radiography Report No. :		KSS/RSME-RT-001	
Ultrasonic Testing Result :		N / A	
Acceptable Ultrasonic Report No. :		N / A	
Magnetic Particle Testing Result :		Accepted	
Acceptable Magnetic Particle Report No. :		006	
Tensile Test Result		Accepted	PHY-RPT-40114-01
Bend Test Result		Accepted	PHY-RPT-40114-01
Nick Break Test Result		Accepted	PHY-RPT-40114-01
Name	KSS/RSME 	GS E & C 	COMPANY / TPI L. Mani
Signature	M. RAYAN MAHTO 	Joseph Ruth 	L. Mani
Date	27/05/13	01-06-20	31/05/13

		<b>WELDER ID CARD</b>		
<b>IRP-II PIPELINE PROJECT</b>				
Name: RAM NARAYANAN MAHTO			ID: IRP/KSS/RSW-061	
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification</p> <p>Specification: API 1104 &amp; DGS-PU-319</p> <p>WPS Tested: KSS/IRP/005A(Mainline Welding)</p> <p>Qualified FOR: Root , Hot, Fill &amp; Cap</p> <p>Date: 18.05.2013</p>				
Signed By	Sub Cont.	Contractor	PMC/TPI	
Name:	M. RAMESH	J. Raju.	HIMANI	
Signature	M. Ramkrishna	18.05.2013	W.M. 31013	

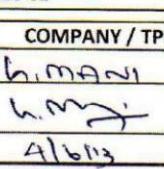


GSE&amp;C

WELDER ID CARD  
IRP-II PIPELINE PROJECT



Name: RAM NARAYANAN MAHTO				ID: IRP/KSS/RSW-061		
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	All Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	12.750 and above <sup>^ 6.350</sup>	4.8 to 19.1	SG Fixed	"V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M·RAMESH	J·Rash	J·MADANI		
Signature		M·Madani	20106113	J·MADANI		

 TAKREER We Refine Right	 TEBODIN Consultants & Engineers	Welder Qualification Test Certificate	
		INTER REFINERIES PIPELINES (IRP-II) PROJECT	 GS E&C
<b>Welder Qualification Test Certificate</b>			
Client :	TAKREER		
Contractor :	GS E & C		
Sub Contractor :	KSS/RSME		
Location :	AI FALAH YARD		
WPS No. :	KSS / IRPM 006 (TIE-IN WELDING)		
Code :	API 1104, DGS-PU-319		
Welding Position :	5G (FIXED)		
Welder Name :	RAM NARAYAN MAHTO		
Welding Time :	9.15 AM TO 10.45 AM		
Mean Temperature :	31°C		
Weather Condition :	SUNNY		
Welding Machine Type :	Miller Electric / Big Blue 500x CC		
	Welder ID :		IRP II/KSS/RSW - 061
	Date :		20.05.2013
	Wind Shield :		N.A
	Pipe Size & Grade :		16" API 5L Gr. X65
TEST FOR		QUALIFIED FOR	
Welding Process :	SMAW	Welding Process :	SMAW
Direction of Welding :	ROOT : UP HILL & Remaining Down Hill	Direction of Welding :	ROOT : UP HILL & Remaining Down hill
Filler Metal :	Lincoln Electric E - 6010 & E - 8010-P1 (GROUP 1&2)		
External Diameter :	16"	External Diameter :	>12.750" and above
Wall Thickness :	6.4 mm	Wall Thickness :	4.8 mm TO 19.1 mm
Position :	5G (FIXED)	Position :	5G (FIXED)
Joint Design :	"V" Bevel Butt	Joint Design :	"V" Bevel Butt
Reinforcement Size :	1.6 ± 0.75 mm		
Acceptable Visual Inspection Report No. :	WQT-22		
Radiographic Testing Result :	OK		
Acceptable Radiography Report No. :	KSS-RSME-RT-003		
Ultrasonic Testing Result :	N / A		
Acceptable Ultrasonic Report No. :	N / A		
Magnetic Particle Testing Result :	OK		
Acceptable Magnetic Particle Report No. :	013		
Tensile Test Result	Accepted	PHY-RPT-40126-01	
Bend Test Result	Accepted	PHY-RPT-40126-01	
Nick Break Test Result	Accepted	PHY-RPT-40126-01	
Name	KSS/RSME	GS E & C	COMPANY / TPI
Signature			
Date	20.05.13	01-06-2013	41613

Sample output to test PDF Combine only

10-RAM NARAYAN

(REPLACEMENT OF FLOW

## Welder Qualification

ADCO

Robt Stone (ME)LLC

ctor :

AI FALAH YARD

RSME-P91-PL-WPS-001(Pipeline W

API 1104, DEP 61.40.20.30-Ge

ADCO DOC. No. 30-99-00-0041

sition :

5G (FIXED )

ne :

RAM NARAYAN MAHTO

ne :

8AM TO 11:30AM

perature :

38° C

dition :

SUNNY

achine Type :

Miller Electric -Big Blue 500 X C

### TEST FOR

cess :

SMAW

Welding : Root-Uphill & Remaining Pass DOWNHILL

: Lincoln Electric E - 6010 & E 7010-P1

meter: Ø 168.3 mm (6")

Sample output to test PDF Combined Only



**PROVISION OF WELDING AND PIPELINE  
MAINTENANCE SERVICES  
(REPLACEMENT OF FLOW LINES)**



**Welder Qualification Test Certificate**

Client :	ADCO	Contractor :	Robt Stone (ME)LLC
Site :	AI FALAH YARD		
Job No.:	RSME-P91-PL-WPS-001(Pipeline Welding)		
Date :	API 1104, DEP 61.40.20.30-Gen, ADCO DOC. No. 30-99-00-0041-1		
Weld Position :	5G (FIXED)		
Name :	RAM NARAYAN MAHTO		
Time :	8AM TO 11:30AM		
Temperature :	38° C		
Weather Condition :	SUNNY		
Machine Type :	Miller Electric -Big Blue 500 X CC		
Welder ID :	RSW-061		
Date :	17.05.2014		
Wind Shield :	N.A		
Pipe Size & Grade :	6"API 5L Gr.B PSL 2		
TEST FOR	QUALIFIED FOR		
Process :	SMAW		
Direction of Welding :	Root-Uphill & Remaining Pass DOWNHILL		
Filler Metal :	Lincoln Electric E - 6010 & E 7010-P1		
Diameter :	Ø 168.3 mm (6")		
Thickness :	14.27 mm		
Position :	5G Fixed		
Joint Design :	"V" Bevel Butt		
Joint Size :	1.6 ± 0.75 mm		
Visual Inspection Report No. :	WQT-15 DT:17-05-14		
Non-Destructive Testing Result :	Accepted		
Radiography Report No. :	022 DT:18-05-14		
Magnetic Particle Testing Result :	Accepted		
Magnetic Particle Report No. :	013 DT:17-05-14		
Destructive Test	Result	Report No	
Test Result	Accepted	PHY-RPT-48725-01-Dated 21.05.2014	
Test Result	Accepted	PHY-RPT-48725-01-Dated 21.05.2014	
Test Result	Accepted	PHY-RPT-48725-01-Dated 21.05.2014	
RSME	COMPANY		
M. RAMESH M. Ramesh 28/05/14	 		

Sample output to test PDF Combine only

10-RAM NARAYAN MAHTO RSW-061



روبوت. ستون (ام ايه) - ذمم

ROBT. STONE (ME) LLC



P.O.Box : 39588  
Abu Dhabi, U.A.E  
Tel. : +971 2 6767415  
Fax : +971 2 6767943  
E-mail: contact@robstone.ae

ص.ب: ٢٩٥٨٨  
أبوظبي - ا.م.م  
تلفون: +٩٧١ ٢ ٦٧٦٧٤١٥  
فاكس: +٩٧١ ٢ ٦٧٦٧٩٤٣  
بريد الكتروني: contact@robstone.ae

Ref: P&A/SER/RS/381/207/14

Date: 29<sup>th</sup> November 2014

**SERVICE CERTIFICATE**

Name : Ram Narayan Mahto  
Employment Number : RS381  
Designation : Welder  
Passport Number : L7554825  
Period of Service : 16<sup>th</sup> May 2013 to 29<sup>th</sup> November 2014  
Basic Salary : Dhs.3,000/- per Month  
Overtime : Actual  
Reason for Leaving : Completion of the Project  
Character : Good  
Productivity : Good

for Robt. Stone (ME) LLC

Authorized Signatory



"An ISO 9001, ISO 14001 & OHSAS 18001 Certified Company"

Sample output to test PDF Combine only

106 - Bin Awdah Tower - Next to Eldorado Cinema - Electra Street - Abu Dhabi  
Mileffah Office • Tel : +971 2 6629550 • Fax : +971 2 6629550 • [www.robstone.ae](http://www.robstone.ae)



IndianOil

## ETBPNMTPL R-LNG PIPELINE PROJECT



CLIENT : INDIAN OIL CORPORATION LIMITED	DOC. NO. : WQTR - 05
CONTRACTOR : AL MUASER PETROLEUM SERVICES PVT LTD	Weather : SUNNY

## WELDER IDENTIFICATION CARD

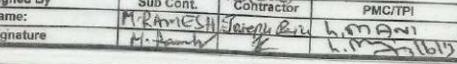
WELDER NAME :	RAM NARAYAN MAHTO		
WELDER IDENTIFICATION NO. :	W-25		
DATE OF TEST :	23.11.18		
Valid Upto	SATISFACTORY PERFORMANCE		
WPS OF WELDING :	WPS-01 (R/H), WPS-02 All Passes	TYPE OF WELDING CONSUMABLES:	ROOT E8010-3.2MM
WELDING POSITION :	SG FIXED HOT E8010-P1, 4.0MM		
WELDING PROCESS :	SMAW FILL & CAP E8010-P1, 4.0MM		
DIAMETER RANGE QUALIFIED :	ABOVE 12.75"		THICKNESS RANGE APPROVED 4.8MM TO 19.1MM
MATERIAL :	API 5L Gr. X70	DIAMETER 18"	WALL THICKNESS 12.7MM
FOR VERIFIED BY AMPS		Approved By IOCL	
Sign: N. Sudhakar			
Name: N. Sudhakar			
Date: 23/11/2018	D. Al Meleek D. Al Meleek PTE, IOCL		

<b>ATE</b> <b>AL TURKI ENTERPRISES L.L.C.</b> <b>WELDER QUALIFICATION CARD</b>	
NAME : KAMNABAYAN MAHATO CONTRACT NO: C31/1164 EMPLO. : WELDER ID : GICC-1	
 <p>We Certify that the welder has undergone the required performance test and has met all the requirements of the ASME Section-IX; API 1104 and</p> <p>Test Taken by:  PDO ENRSP 174 VER 2.0  ATE : Virendra Singh Date : 25/05/2016  PDO MR. MAHMOOD Place: NIMR  Date: 21/12/2016</p> <p>Property of and Revocable by PDO Al Turki  CARD RENEWAL</p>	
<p style="text-align: right;">ATE-4.3-011 Rev1</p>	

Record of Renewals			
Welder ID: GICC-15	QUALIFIED WPS No.: ATE/ODC/15/002-1 ATE/ODC/15/002-1		
PDO Spec: 117-L	QUALIFIED FOR		
PROCESS	SMAW		
BASE METAL	1303183-3 L360 MG/VA		
BASE METAL "T" (mm)	4-8 mm TO 10-7 mm		
PIPE Dia (mm)	2-375 mm TO 12-75 mm		
ELECTRODE	E6010 & E7010P1		
F / GROUP No. LIMIT	(A) ND - 01		
WELD T (mm) Max.	11-7 mm (MAX)		
POSITION	5 (U)		
PROGRESSION	ROOT DOWNHILL, REST DOWNHILL		
CURRENT & POLARITY	DCEP		
BACKING	WITH & WITHOUT		
GAS BACKING	N/A		
25/5/17	25/11/17	10/10/18	10/10/2019
2.4 m t.c. 0.6	2.5 m t.c. 0.6	1 m t.c. 0.6	1 m t.c. 0.6
Tested on	Expires on	ATE Rep	PDO Rep

Sample output to test PDF Combine only

**WELDER ID CARD**  
IRP-II PIPELINE PROJECT

Name: RAM NARAYAN MAHTO		ID: IRP/KSS/RSW-061
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification</p>		
Specification: API 1104 & DGS-PU-319 WPS Tested: KSS/IRP/001A (Mainline Welding) Qualified FOR: Root, Hot, Fill & Cap Date: 18.05.2013		
Signed By	Sub Cont.	Contractor
Name:	M RAMESH	Jayaram
Signature		

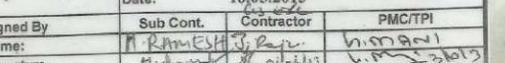
**WELDER ID CARD**  
PROVISION OF WELDING AND PIPELINE MAINTENANCE SERVICES (REPLACEMENT OF FLOW LINES)

Name: RAM NARAYAN MAHTO		RSW-061
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification</p>		
Specification: API 1104 & DGS-PU-319 ADCO DOC: NO. 38-92-08-004-1 WPS Tested: KSMC-197 PL-WB-001 (Pipeline Welding) Qualified FOR: Root, Hot, Fill & Cap Date: 17.05.2014		
Signed By	RSME	ADCO
Name:	RAMESH	
Signature		

**WELDER ID CARD**  
IRP-II PIPELINE PROJECT

Name: RAM NARAYAN MAHTO		ID: IRP/KSS/RSW-061
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification</p>		
Specification: API 1104 & DGS-PU-319 WPS Tested: KSS / IRP/II / 006 (Tie-In Welding) Qualified FOR: Root, Hot, Fill & Cap Date: 20.05.2013		
Signed By	Sub Cont.	Contractor
Name:	NITESH	Jayaram
Signature		

**WELDER ID CARD**  
IRP-II PIPELINE PROJECT

Name: RAM NARAYAN MAHTO		ID: IRP/KSS/RSW-061
 <p>We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification</p>		
Specification: API 1104 & DGS-PU-319 WPS Tested: KSS/IRP/005A (Mainline Welding) Qualified FOR: Root, Hot, Fill & Cap Date: 18.05.2013		
Signed By	Sub Cont.	Contractor
Name:	M RAMESH	Jayaram
Signature		

Sample output to test PDF Combine only

WELDER ID CARD						ID: IRPIKSS/RSW-061
Name: RAM NARAYAN MAHTO						
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	All Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	2.375 to 12.75	4.8 to 19.1	5G Fixed	"V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M RAMESH	Jayesh Ray	L M B M		
Signature		M RAMESH Jayesh Ray				

WELDER ID CARD						ID: RSW-061
Name: RAM NARAYAN MAHTO						
REPLACEMENT OF FLOW LINES PROVISION OF WELDING AND PIPELINE MAINTENANCE SERVICES						
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	Root Up Hill Other Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	12.750 and above	4.8 to 19.1	5G Fixed	Single "V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M RAMESH	Jayesh Ray	L M B M		
Signature		M RAMESH Jayesh Ray				

WELDER ID CARD						ID: IRPIKSS/RSW-061
Name: RAM NARAYAN MAHTO						
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	Root Up Hill Other Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	12.750 and above	4.8 to 19.1	5G Fixed	Single "V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M RAMESH	Jayesh Ray	L M B M		
Signature		M RAMESH Jayesh Ray				

WELDER ID CARD						ID: IRPKSS/RSW-061
Name: RAM NARAYAN MAHTO						
REPLACEMENT OF FLOW LINES PROVISION OF WELDING AND PIPELINE MAINTENANCE SERVICES						
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	All Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	12.750 and above	4.8 to 19.1	5G Fixed	"V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M RAMESH	Jayesh Ray	L M B M		
Signature		M RAMESH Jayesh Ray				

Sample output to test PDF Combine only

中缅油气管道工程（缅甸段）焊工上岗证

Myanmar-China Oil & Gas Pipeline Project (Myanmar Section)  
WELDER IDENTIFICATION CARD

证书编号 Identification No.: CMOG-PLL-579

姓名 Full Name: Ram Narayan Mahto

性别 Sex: 男 Male

护照号 Passport NO.: E6929271

单位 Company: Punj Lloyd Ltd

业主 Owner: 东南亚天然气管道有限公司  
South-East Asia Gas Pipeline Company Limited

东南亚原油管道有限公司  
South-East Asia Crude Oil Pipeline Company Limited

执行标准 Standard: CMOG-PJ-TE-RP-04

考试合格项目 Approved for:

WPS-ZMJD-01 (5G) (Root)



主考人:  
Examiner:

承包商代表:  
Contractor's Rep.:

发证日期 Issued on: 2011-10-15

发证单位: 中国石油管道焊接培训中心

Issued by: China Petroleum Pipeline Welding Training Center

监理代表:  
Supervision's Rep.:

业主代表:  
Owner's Rep.:





EPIC OF GAS SUPPLY TO STATION V  
AND FACILITY C (GSVC)



WELDER QUALIFICATION RECORD

Ref. Doc. NO: API 1104 & QP-STD-R-006

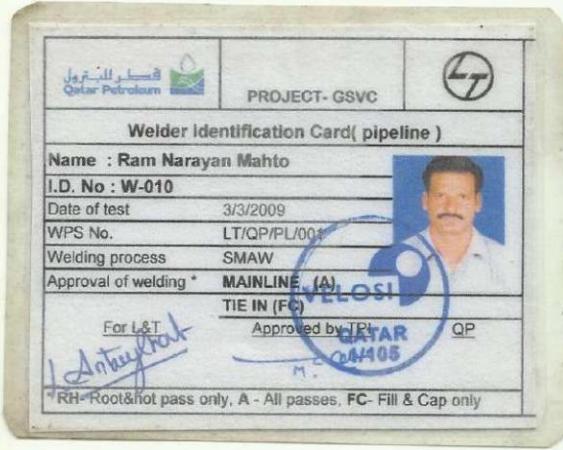
A. Welder Name	Ram Narayan Mahto		
B. Welder Identification No.	W-010		
C. WPS No.	LT/QP/PL/01 Rev-4		
D. Qualified for	Mainline Welding		
E. Welding Process & Type	SMAW / Manual		
Root	Group-2	A5.5	E8010-P1
Fill & Cap	Group-2	A5.5	E8010-P1
F. Pipe Material	API 5L X65 to API 5L X65		
G. Pipe Diameter / Wall thickness	36" / 17.5 mm		
Dia. qualified range	Group No. 4 -- O.D>323.9 mm (12 <sup>3/4</sup> " in)		
Wall thk. qualified range	Group No. 1 -- (13.125 to 21.875) mm		
H. Joint Design	As per WPS		
I. Electrical Characteristics	DCEP		
J. Position	5G Fixed Position		
K. Direction of welding	All passes vertical downhill		



Bead No.	Electrode Type	Electrode Make/Brand Name	Dia of Electrode (mm)	Polarity	Amps	Volts	Travel speed (mm/min)	Remarks
RP	E8010-P1	Pipeliner 8P+	3.2	DCEP	95	23	102.50	
HP	E8010-P1		4		118	24	119.58	
F-1	E8010-P1		4		129	26	119.58	
F-2	E8010-P1		5		168	30	119.58	
C-1	E8010-P1		4		127	26	159.44	
C-2	E8010-P1		4		121	23	130.45	
C-3	E8010-P1		4		125	24	130.45	

L. Date of tested	: 3/3/2009		
M. Visual	: Found ok	Report No/Date : WQT - 19	03/03/2009
N. Radiographic inspection	: Found ok	Report No/Date : 22	05/03/2009
O. Mechanical Test	: Found ok	Report No/Date : Q900687	09/03/2009
P. Hardness	: Found ok	Report No/Date : Q900687	09/03/2009
Q. Welder qualified/disqualified	: QUALIFIED - MAINLINE ALL PASSES AND TIE-IN FILL & CAP ONLY		

COMPANY	L&T	TPI	CLIENT(QP)
Date	9/3/09	10.03.09	
Name	L.A.CHARLD	M.YELDAM	
Signature			QATAR PETROLEUM 1/105



Sample output to test PDF Combine only



Sample output to test PDF Combine only



Sample output to test PDF Combine only

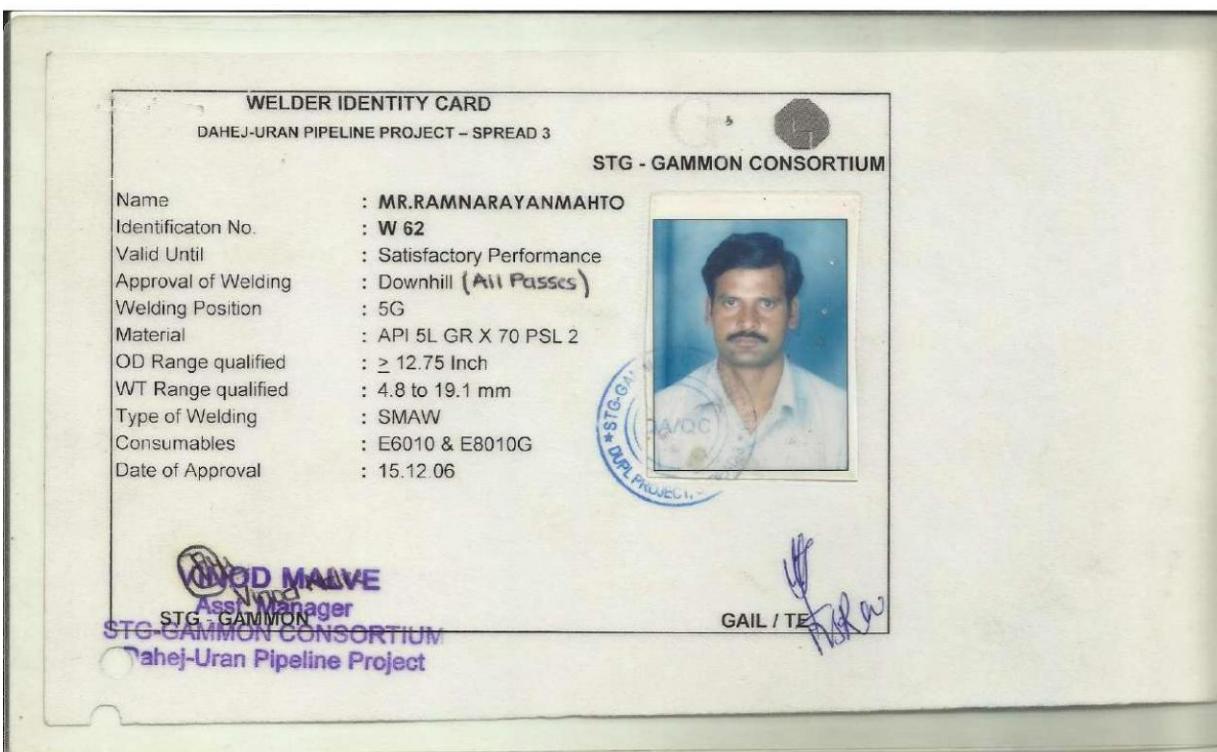
Tested On: 30/01/08		Expires on: 29/07/08
Variable:	Welded on	Qualified on
WPS no	PLL-OGC-WPS-01Rev 1	PLL-OGC-WPS-01Rev 1
Process	SMAW	SMAW
Base Material	API 5L- Gr X 65	API 5L- Gr X 65
Pipe Dia	32"	16" and above
Thickness	11.9 mm	8.925 mm to 17.85 mm
Filler Metal	Group no1& 2	Group no1& 2
Pass	ALL	ALL
Welding Position	5G	5G
Progression	Downhill	Downhill
Ct Type & Polarity	DCEP	DCEP

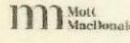
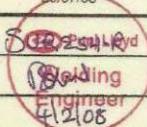
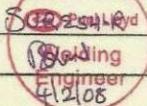
Sample output to test PDF Combine only



## VADINAR BINA PIPELINE PROJECT PART.B

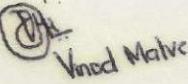
	WPS - 01	WPS - 02	WPS - 03	WPS - 04
Date of Testing	19/09/07			
Valid till	Satisfactory Performance			
Approval of Welding	YES			
Welding Position	5G / 81H ONLY			
Material	API 5L Gr X70			
Diameter	24"			
Diameter Range Approved	OD ≥ 12.75"			
Wall Thickness	7.1 MM			
Thickness Range Qualified	4.8 MM – 13.1MM			
Type of Welding Consumables	E6010, E8010G			
Approved By				



 <b>EPC OF OGC PIPELINES</b> <b>CONTRACT NO.: OGC/35/2007</b> Project: 32" - Loopline From Saini-Rawli to BVS-09		 <b>GC</b> 																																																									
<b>Certificate No :PLL-OGC-CER-WEL-M010</b>		<b>Rev 0</b>	<b>Date:</b> 04/02/08																																																								
Welders Name: Ram narayan matho		Welder no: W 013																																																									
WPS PLL-OGC-WPS-01Rev 1 <table border="1"> <thead> <tr> <th>Variable</th> <th>Tested On</th> <th colspan="2">Qualified</th> </tr> </thead> <tbody> <tr> <td>Welding Process</td> <td>SMAW</td> <td colspan="2">SMAW</td> </tr> <tr> <td>Type</td> <td>MANUAL</td> <td colspan="2">MANUAL</td> </tr> <tr> <td>Base Material Specification</td> <td>API 5L - X 65</td> <td colspan="2">API 5L - X 65</td> </tr> <tr> <td>Thickness</td> <td>11.9 mm</td> <td colspan="2">8.925 mm to 17.85 mm</td> </tr> <tr> <td>Diameter</td> <td>32"</td> <td colspan="2">16" and above</td> </tr> <tr> <td>Filler Material Spec. No</td> <td>A 5.5</td> <td colspan="2">A 5.5</td> </tr> <tr> <td>Filler Material AWS Classification</td> <td>E 6010-G E 8010-G</td> <td colspan="2">E 6010-G E 8010-G</td> </tr> <tr> <td>Welding Position</td> <td>5G</td> <td colspan="2">5G</td> </tr> <tr> <td>Progression (Uphill/Downhill)</td> <td>Root</td> <td>Down hill</td> <td>Down hill</td> </tr> <tr> <td></td> <td>Hot</td> <td>Down hill</td> <td>Down hill</td> </tr> <tr> <td></td> <td>Fill</td> <td>Down hill</td> <td>Down hill</td> </tr> <tr> <td></td> <td>Cap</td> <td>Down hill</td> <td>Down hill</td> </tr> <tr> <td>Welding Current Type&amp; Polarity</td> <td>DCEP</td> <td colspan="2">DCEP</td> </tr> </tbody> </table>				Variable	Tested On	Qualified		Welding Process	SMAW	SMAW		Type	MANUAL	MANUAL		Base Material Specification	API 5L - X 65	API 5L - X 65		Thickness	11.9 mm	8.925 mm to 17.85 mm		Diameter	32"	16" and above		Filler Material Spec. No	A 5.5	A 5.5		Filler Material AWS Classification	E 6010-G E 8010-G	E 6010-G E 8010-G		Welding Position	5G	5G		Progression (Uphill/Downhill)	Root	Down hill	Down hill		Hot	Down hill	Down hill		Fill	Down hill	Down hill		Cap	Down hill	Down hill	Welding Current Type& Polarity	DCEP	DCEP	
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RT Report No:	WQT - 005	Date:	20/01/08																																																								
Welding Test Conducted on:		19/01/08	Test witnessed by: Mr.J.P.Nayak-PMC Mr.D.Vilvanathan-PMC																																																								
Welding Test Conducted by		Punj Lloyd Ltd																																																									
We certify that the statements in this record are correct and that the test coupons were prepared welded and tested in accordance with API 1104, 19 th edition & SP1177 oct 2005																																																											
Valid Upto	29/07/08	1st renewal	2nd renewal																																																								
PLL welding engr Name																																																											
Sign																																																											
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Name of PMC / OGC Authority																																																											
Sign																																																											
Date	26/06/2008																																																										

PLL-OGC-INS-NF-003 Rev 00 Dated 05/01/08

Sample output to test PDF Combine only

WELDER QUALIFICATION TEST RECORD						
CONTRACTOR: STG - GAMMON CONSORTIUM		DAHEJ-URAN PIPELINE PROJECT - SPREAD 3				
CLIENT: GAIL (INDIA) LIMITED		WPS NO: STG - GAMMON/DUPL/WPS NO: STG-GAMMON/DUPL/WPS NO: 18" MM3AEV 00				
CONSULTANT: TRACTEBEL ENGINEERING		SUPPORTING PQR NO: STG - GAMMON/DUPL/PQR NO: 18" MM3AREV. 00				
QUALIFICATION IN ACCORDANCE WITH API 1104 19th EDITION, SEPT 1999, GTS & PTS						
WELDER NAME: RAMNARAYAN MAHTO		WELDER ID NO: 62				
PIPE MATERIAL		API 5L X 70 PSL 2				
MANUAL VARIABLE		ACTUAL VALUES		RANGE QUALIFIED		
BASE METAL DIAMETER		18"		> 12.75" OD		
BASE METAL THICKNESS		7.1mm		4.80 mm - 19.10 mm		
FILLER METAL GROUP NO.		1		1 & 2		
FILLER METAL SFA NO.		A5.1 & A5.5		A5.1 & A5.5		
WELDING PROCESS(ES) USED		MANUAL (SMAW)		MANUAL (SMAW)		
WELDING POSITION		5G		5G		
Weld Layer	Direction of Welding	Filler Metal (AWS Class)	Electrode Dia. (mm)	Current		Voltage (Volts)
				Pol.	Amp.	
Root	Down Hill	E 6010	3.2	DCEP	93	30
Hot pass	Down Hill	E 8010 G	4.0	DCEP	178	30
Filler Passes	Down Hill	E 8010 G	4.0	DCEP	135-148	28-29
Capping	Down Hill	E 8010 G	4.0	DCEP	142	27
QUALIFIED FOR		ROOT/HOTPASS/ FILLER & CAPPING				
VISUAL EXAMINATION		SATISFACTORY				
NDT RESULT		ACCEPTABLE RT Report No: WQT 53/ Dtd. 15.12.06				
DT RESULT						
NO. OF ATTEMPTS		1				
TEST MADE AT		VITTALWADI WORK SHOP				
DATE OF TEST		14.12.06				
DATE OF QUALIFICATION		15.12.06				
DATE OF RELEASE						
FOR STG - GIL		FOR TE / GAIL				
 Vinod Malve		 Tejpal Singh				

15:43:13  
JEWEL METALLOCHEM LABORATORY PVT LTD  
A-12, Ghatkopar Indl Estate, Off LBS Marg, Ghatkopar(W), Mumbai-86

PHYSICAL TEST RECORD

Date : January 04, 2007  
Messrs. : STG-GAMMON CONSORTIUM ST  
Client Ref : STG-GIL/DUPL/BAC-26 Date : 19/12/2006  
Description : Test Sample of Welded Pipe  
Material : API 5L GR 70 FSL 2  
Welder Name : Ram Narayan Mahato  
Encloseur : M/s. Gail(India) Limited /M/s. Tracebel Engg. spec  
Lab Ref : D-3718  
Size : 18"MM3A  
Id Mark : WPS-WGT 280

\* \* \* : Results of Transverse Tensile (Weld) : \* \* \*

T1 T2

Test Method : API 1104-1999

Width	mm :	25.80	25.90
Thickness	mm :	7.13	7.00
Initial Area	sq mm :	183.95	181.30
Maximum Load	KN :	111.00	110.50
UTS	MPa :	603.41	609.48
Fracture	:	In FM	In FM

Smt Smt

\* \* \* Results of Bend Test on Welded Plate \* \* \*

Test Method : API 1104-1999

Bend Angle : 180 Deg.  
Dia. of former : 90 mm

Location	Observation	Remark
----------	-------------	--------

Face Bend-1	No Cracks/Fissures	Passes the test
Root Bend-1	No Cracks/Fissures	Passes the test
Face Bend-2	No Cracks/Fissures	Passes the test
Root Bend-2	No Cracks/Fissures	Passes the test

\* \* \* : Results of Nick Break Test : \* \* \* : API 1104-1999

No. of Test	Observation	Remark
-------------	-------------	--------

1.	No Weld Defects Observed	Satis
2.	No Weld Defects Observed	Satis

WITNESSED BY : MR.MAHENDRA PATEL OF GLI & MR.P.K.MISHARA  
OF GAMMON ON 04/01/2007

Patel  
Excell

Dinesh  
(M.S. Patel)  
Date/Ref

For JEWEL METALLOCHEM LABORATORY PVT LTD

	WELDER QUALIFICATION TEST RECORD (API 1104 LATEST EDITION & EIL Spec 6-77-0007 Rev 01)				
	PROJECT: VADINAR BINA PIPE LINE PROJECT / PART-B				
CLIENT: BPCL		CONTRACTOR: KPTL		WPS NO. :- 01	
WELDER NAME: Ram Narayan Mahto				EIL INSPECTOR NAME: Girish Kumar Kushwaha	
WELDER ID No: W-17				DATE / TIME: 12.09.2007	
ADDRESS: KPTL, UJJAIN, M.P.				WELDING M/C TYPE: Ador	
PASSPORT / I/C No. NA				TEST No.: WQT-19	
NATIONALITY: INDIAN				LOCATION: Rajgarh	
WEATHER CONDITIONS: SUNNY					
WELDING PROCESS: SMAW					
PIPE AND FITTING MATERIALS: Line pipe - API 5L X-70 TO API 5L X-70					
PIPE OUTSIDE DIAMETER: 24"			Range Qualified: OD > 12.75"		
PIPE WALL THICKNESS: 7.1 mm			Range Qualified: 4.8mm-19.1mm		
JOINT DESIGN: SINGLE "V" BUTT WELD					
Pass	Make and Type of Filler Material	Diameter mm	Current (Amps)	Voltage (Volts)	Travel Speed (mm/Minute)
Root	LINCOLN - E6010	3.2	90-110	22-28	98-110
Hot	LINCOLN - E8010G	4.0	112-135	27-32	190-240
Filler -1	LINCOLN - E8010G	4.0	130-145	25-30	160-175
ELECTRICAL CHARACTERISTICS: DC			ELECTRODE: Positive		
WELD POSITION: 5G			SHIELDING FLUX: NA		
DIRECTION OF WELDING: Down Hill					
Root Pass: Vertical Down Hill					
Hot Pass: Vertical Down Hill					
Subsequent Passes: Vertical Down Hill					
Minimum Number of runs before joint is allowed to cool: Min 50% of thickness					
Maximum time between commencement and completion of weld: 01 hrs 15 minutes.					
TYPE OF LINE UP CLAMP: INTERNAL					
Removal of clamp after: After 100% of Root Deposition					
CLEANING: Power Brushing & Grinding					
INSPECTION / NON DESTRUCTIVE EXAMINATION		Applicable code		Required	Remarks
Visual Inspection: Accepted		API 1104, EIL Spec. no. 6-77-0007-Rev-01		Yes	Accepted
Radiography Result: Accepted / Ref. Report No. 02/ 18.09.2007		QUALIFIED FOR: WPS-01, Root & Hot pass only			
THE STATEMENTS IN THIS RECORD ARE CORRECT. THE WELDER HAS COMPLETED THE W.Q.T. IN ACCORDANCE WITH THE REQUIREMENTS OF THE W.P.S., API 1104 LATEST EDITION.					
Prepared By 	Checked By 		Approved By 		
For KPTL 	For KPTL 		For EIL		

### WELDING QUALIFICATION RECORD

Project : Thulendi - Phulpur Pipeline Project (Spread - II)		 <small>2017/01/25</small>						
Client : GAIL (INDIA) Ltd	Consultant : Tractebel Engineering							
Contractor : Jaihind Projects Limited								
Location : Jaihind Stores, Pratapgarh.								
Welder Name : Ram Narayan Mahoto								
Welder ID. No. : W 37								
Date of Welding : 8.12.05								
Time of Welding : 12.20 - 12.40 PM								
Wind Shield Used : YES								
WPS No. : Filler and Capping								
Welding M/c./Make & Serial No. : Miller Duop								
Qualified for : Filler and Capping								
<b>Welding Process Type</b>								
Root : N.A.								
Other Passes : SMAW Manual								
<b>Pipe Material</b>								
API 5L Gr X 70 ≥ 65,000 psi								
<b>Pipe Dia &amp; Thickness</b>								
18" OD & 7.14 mm Thickness								
<b>Filler Material</b>								
Other Passes - AWS A 5.5 E8010 P1 Batch No: 678 B								
<b>Range Qualified</b>								
Diameter : OD > 12 3/4" (> 323.8 mm)								
Thickness : 4.78 < t < 19.05 mm								
<b>Joint Design</b>								
Position : Single 'V' Groove								
<b>Direction of Welding</b>								
Root : N.A.								
Other Passes : Down Hill								
Bead	Electrode Type	Electrode Make / Brand Name	Dia in mm	Polarity	Current (A)	Volts (V)	No. of Electrodes	Travel Speed mm/Sec
Root	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Hot	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Filler - I	E 8010 P1	Lincoln Electric / Shield - Arc 70	4.0	"+" VE	105 - 142	16 - 28	3	4.51 - 4.65
Filler - II	E 8010 P1	Lincoln Electric / Shield - Arc 70	4.0	"+" VE	100 - 141	18 - 26	4	4.60 - 4.85
Capping	E 8010 P1	Lincoln Electric / Shield - Arc 70	4.0	"+" VE	100 - 149	18 - 28	5	3.80 - 4.20
<b>Visual Inspection</b>		:- Satisfactory						
<b>Radiography Inspection</b>		:- Satisfactory Acceptance Report No : WQT 03/07						
For JPE : <i>R. B. Bhat</i> R. B. Bhat 38 A.C. Banya		For TE : <i>A. Bhat</i>						

**Punj Lloyd Ltd**  
P O Box 704, Postal Code 133, Al Khuwair, Muscat, Sultanate of Oman  
T +968 2449 0967 F +968 2449 0869  
[www.punjlloyd.com](http://www.punjlloyd.com)

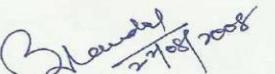


Ref : PLL/68/2008  
Date : 22/08/2008

## SERVICE CERTIFICATE

NAME	: MR. RAMNARAYAN MAHTO
EMPLOYEE NO	: OGC/W/074
DESIGNATION	: WELDER
SALARY	: USD 1050.00
PASSPORT NO	: F 2304509
DATE OF JOINING	: 27-12-2007
DATE OF LEAVING	: 22-08-2008
REASON FOR LEAVING	: COMPLETION OF PROJECT
CONDUCT / BEHAVIOUR	: GOOD

For Punj Lloyd Ltd.

  
Brahma Dev  
Manager – HR & Admin



**Registered Office**  
Punj Lloyd House, 17-18 Nehru Place, New Delhi 110 019, India



**Up-gradation of Konaban GGS and Pipeline  
Grid Project of Tripura Asset**



Client:-ONGC

**Welder Identification Card**

Doc. No.-UKon-PGP/FP-065, Rev.-1

Contractor-KSSIPL

Identification No. : W-052

Welder Name : RAM NARAYAN MAHATO

Validity : Till Satisfactory Performance

Pipe Material : API 5L X60 PSL 2

Pipe Dia &amp; Thk. : 6" X 14.3mm

Welding position : 5G ( Fixed )



Identification No.: W-052

## Approved For: Pipeline Welding

Welding Process	Welding Direction	Filler Metal type	Thickness Group in MM	Diameter Group in MM	Approved WPS No.	Date of Qualification	Sign
SMAW – All Pass	Downhill	E6010 , E7010-P1/G	4.8 – 19.1mm	2.375" (60.3mm) – 12.750" (323.9mm)	7	12.08.11	

KSSIPL

ONGC/TPA

Name

Pradeep Kr. Singh



Sign

A. PAUL



Date

15.08.2011

15/08/2011



KALPATARU POWER TRANSMISSION LIMITED  
INFRASTRUCTURE DIVISION

Project Office : VBPL Project, Hotel Sumangal Mahakal,  
Vanjiya Kendra, Near Nana Kheda Bus Stand,  
Ujjain, (MP) - 456 010. Phone : 0734-2533032

## SERVICE CERTIFICATE

ML.No VBPL/W/296

Date: 30.12.2007

NAME : MR.RAM NARAYAN MAHATO  
ADDRESS (Permanent) : VILL & POST- SRISAI JAGDISH,  
VIA : BIRHAMA BAZAR,  
DIST-MUZAFFARPUR  
BIHAR  
FATHER'S NAME : MR. DEVЛАL MAHATO  
DATE OF BIRTH / AGE : 25.11.1980  
DESIGNATION : WELDER WPS-1.  
PERIOD OF SERVICE : 12.19.2007 TO 21.12.2007  
RATE OF PAY : BASIC : Rs-4950/-  
FIELD ALLOW : Rs.14850.  
Sp.Ail. : Rs.500  
REASON FOR LEAVING : COMPLITION OF WORK  
CONDUCT : SATISFACTORY  
EFFICIENCY : SATISFACTORY  
P.F. A/c NO : GJ/15884/19190  
REMARKS : NIL

For KALPA-TARU POWER TRANSMISSION LTD

SIGNATURE OF HOLDER

  
*Rakesh Kumar*

(RAKESH KUMAR)  
MANAGER HR / P&A

Corporate Office : 81, Kalpataru Synergy, Opp. Grand Hyatt, Santacruz (E), Mumbai - 400 055. India.

Tel. : + 91 22 3064 5000 / Fax : + 91 22 3064 3131 / [www.kalpatarupower.com](http://www.kalpatarupower.com)

Regd. Office : 101, Part III, G.I.D.C. Estate, Sector 28, Gandhinagar - 382 028. India.



**GAMMON INDIA LIMITED**  
DUPL PROJECT, 12/13/14 Sai Chambers,  
Sector-11, CBD Belapur Navi Mumbai-400614  
Ph. No.: 022-32540529 Fax: 022-27566887  
E-Mail: pipeline\_dup@gammon india.com



**SERVICE CERTIFICATE**

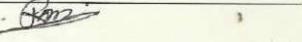
DATE: 17.05.07

NAME : MR. RAMNARAYAN MAHATO  
ADDRESS : Vill : SHIRISIYA GADISH  
P.O.: SHIRISIYA GADISH  
Dist: MUZAFFARPUR  
BIHAR-843127  
FATHER'S NAME : SHRI DEVLAL MAHATO  
AGE/DATE OF BIRTH : 25.11.1977  
DESIGNATION : WELDER  
DATE OF JOINING : 03.12.06  
DATE OF RELEASE : 17.05.07  
RATE OF PAY : Basic : 4250/-  
Site Allow : 5000/-  
Spl. Allow : 7500/-  
Personal Allow: NIL

REASON FOR LEAVING : RESIGNED

CONDUCT : SATISFACTORY

P.F. ACCOUNT NUMBER : MH/20898-J/1089

SIGNATURE OF HOLDER : 

For GAMMON INDIA LIMITED

  
(G.S.SINGH)  
SR.GENERAL MANAGER

**GAMMON INDIA LIMITED**

An ISO 9001 Company

GAMMON HOUSE, VEER SAVARKAR MARG, P. O. BOX NO. 9129, PRABHADEVI, MUMBAI-400 025, INDIA.  
Telephone : 91 - 22 - 6661 4000 • 2430 6761 • Fax : 91 - 22 - 66614196  
E-Mail : [gammongammonindia.com](mailto:gammongammonindia.com) • Website : [www.gammonindia.com](http://www.gammonindia.com)



**PUNJ LLOYD LTD**

Ref. No. : PLL/SITE / PIIN09/060/W – 106  
Date : 18.09.2006

PROJECT OFFICE :  
M. D. P. L. PROJECT  
VILLAGE : MACHWA  
KALWAR ROAD  
JAIPUR-302 012  
RAJASTHAN  
TEL. 0141 320 8668  
0141 320 8703  
0141 320 8696

**SERVICE CERTIFICATE**

Name : **RAM NARAYAN MAHATO**  
Father's Name : Sh. Dev Lal Mahato  
Designation : Welder  
Emp. Code : W – 106  
Permanent Address : VPO : Srisiyani Jagdish  
Via : Birhema Bazar,  
Disstt : Muzafpur,  
BIHAR – 843 127  
Phone No. 9931404586  
Date of Birth / Age : 27 Year  
Net Payment : Rs. 12,000/-PM  
Period of Service : From 22.03.2006 to 18.09.2006  
P.F. Number : DL/10589/NEW  
Performance : Satisfactory  
Reason For Leaving : Resignation.

Signature of Staff/Workmen  
**(Ram Narayan Mahato)**

*Ram*  
S. MANAGER (HR Admin.)

	WELDER QUALIFICATION TEST RECORD ( API 1104 TWENTIETH EDITION, 2005)			DP QC F 20 REV. NO.: 0
PROJECT: MUNDRA DELHI PIPE LINE				
CLIENT : HPCL	CONTRACTOR	WPS NO.: 01 B		
WELDER NAME: RAMNARYAN MAHATO				
WELDER I/D No: W-106				
ADDRESS: 17-18 Nehru Place New Delhi				
PASSPORT / I/C No.: NA				
NATIONALITY: INDIAN				
WELDING PROCESS: SMAW				
PIPE AND FITTING MATERIALS: Line pipe API 5L X 65 TO API 5L 65				
PIPE OUTSIDE DIAMETER: 18 " OD		Range Qualified : 12.75" OD & Above		
PIPE WALL THICKNESS: 8.7 MM		Range Qualified: .4.8 MM to 19.1 MM		
JOINT DESIGN: Single 'V' Butt joint				
Pass	Make and Type of Filler Material	Diameter mm	Current (Amps)	Voltage (Volts) Travel Speed mm/Minute
2 <sup>nd</sup> FILL	E8010G, SHIELD ARC 70+	4.0 Ø	125-135	25-34 250-280
3 <sup>rd</sup> FILL	E8010G, SHIELD ARC 70+	4.0 Ø	130-140	25-30 240-270
CAP	E8010G, SHIELD ARC 70+	4.0 Ø	100-108	25-33 180-195
ELECTRICAL CHARACTERISTICS:		DC	ELECTRODE :	Positive
WELD POSITION: 5G (Fixed)			SHIELDING FLUX:	Cellulose
DIRECTION OF WELDING : Filler Metal Range :				
Root Pass :	NA			
Hot Pass :	NA			
Subsequent Passes :	Vertical Down	Qualified	*Strike through as applicable	
Minimum Number of runs before joint is allowed to cool NA				
Maximum time between commencement and completion of weld				
TYPE OF LINE UP CLAMP : NA				
Removal of clamp after : NA				
CLEANING : *Power Brushing / Grinding / Chipping				
INSPECTION / NON DESTRUCTIVE EXAMINATION		Applicable code	Required	Remarks
Visual Inspection - Report No WQT-11 Date 22.03.06		API 1104 (Section 6)	Yes	ACCEPTABLE
Radiography : Report No WQT-RT-09 Date 23.03.2006		API 1104 (Section 8)	Yes	ACCEPTABLE
THE STATEMENTS IN THIS RECORD ARE CORRECT. THE WELDER HAS COMPLETED THE W.Q.T. IN ACCORDANCE WITH THE REQUIREMENTS OF THE W.P.S., API 110420TH EDITION 2005.				
PUNJ LLOYD LTD.	PUNJ LLOYD LTD.		INSPECTING AUTHORITY	
SIGN. :	SIGN. :		SIGN. :	
NAME: SAUMENDRA DASH	NAME: SUDIPTA NANDY		NAME: K.V. CHALAPATI	
DATE : 25.03.2006	DATE : 25.03.06		DATE : 25.03.06	
Manager (Insp) GINEERS INDIA LIMITED				

C:\DOCUMENTS AND SETTINGS\PLLCOM\DOCUMENTS\WELDING RELATED DOCUMENT-MDPL\WQT RECORD FOR FILLER  
&CAPPINGMDPL\RAMNARYAN MAHATO-FC-18 WPS-01B.DOC

## **WELDING QUALIFICATION RECORD**

<b>Project</b>	: Thulendi – Phulpur Pipeline Project (Spread – II)					
<b>Client</b>	: GAIL (INDIA) Ltd					
<b>Consultant</b>	: Tractebel Engineering					
<b>Contractor</b>	: Jaihind Projects Limited					
<b>Location</b>	:- Jaihind Stores, Pratapgarh.					
<b>Welder Name</b>	:- Ram Narayan Mahoto					
<b>Welder ID. No.</b>	:- W 37					
<b>Date of Welding</b>	:- 8.12.05					
<b>Time of Welding</b>	:- 12.20 – 12.40 P.M.					
<b>Wind Shield Used</b>	:- YES					
<b>WPS No.</b>	:-WPS 2					
<b>Welding M/c./Make &amp; Serial No.</b>	:- Miller Duop					
<b>Qualified for</b>	:- (All Pass)					
<b>Welding Process Type</b>						
Other Passes	:- SMAW Manual					
<b>Pipe Material</b>	:- API 5L Gr X 70 > 65,000 psi					
<b>Pipe Dia &amp; Thikness</b>	:- 18" OD & 7.14 mm Thikness					
<b>Root</b>	:- E 6010					
<b>Range Qualified</b>						
Diameter	:- OD > 12 $\frac{3}{4}$ " (> 323.8 mm)					
Thikness	:- 4.78 < t < 19.05 mm					
<b>Joint Design</b>	:- Single 'V' Groove					
<b>Position</b>	:- Pipe Horizontally Fixed; 5G					
<b>Direction of Welding</b>						
Root	:- Upfill					
Other Passes	:- Down Hill					
<b>Bead</b>	<b>Electrode Type</b>	<b>Electrode Make / Brand Name</b>	<b>Dia in mm</b>	<b>Polarity</b>	<b>Current(A)</b>	<b>Volt</b>
Root	E6010	Lincoln Electric / Shield – Arc 70	3.2	"+"VE	86-95	2
Hot	E8010P1	Lincoln Electric / Shield – Arc 70	4	"+"VE	120-130	2
Filler-I	E8010P1	Lincoln Electric / Shield – Arc 70	4	"+"VE	105-142	1
Filler-II	E8010P1	Lincoln Electric / Shield – Arc 70	4	"+"VE	100-141	1
Capping	E8010P1	Lincoln Electric / Shield – Arc 70	4	"+"VE	100-149	1



### **Visual Inspection**

### **-Satisfactory**

## Radiography Inspection

Satisfactory Acceptance Report No. WQT 04

For JPI



For TE

 <b>TAKREER</b> <i>We Refine Right</i>	 <b>TEBODIN</b> Consultants & Engineers	<b>Welder Qualification Test Certificate</b>	
		INTER REFINERIES PIPELINES (IRP-II) PROJECT	
<b>Welder Qualification Test Certificate</b>			
Client :	TAKREER		
Contractor :	GS E & C		
Sub Contractor :	KSS/RSME		
Location :	AI FALAH YARD		
WPS No. :	KSS / IRP2/ 001A (MAINLINE WELDING)		
Code :	API 1104, DGS-PU-319		
Welding Position :	5G (FIXED)		
Welder Name :	RAM NARAYAN MAHTO		
Welding Time :	11.10 AM TO 12.05 PM		
Mean Temperature :	33°C		
Weather Condition :	SUNNY		
Welding Machine Type :	Miller Electric - Big Blue 500X CC		
	Pipe Size & Grade : 10" API 5L Gr. X60		
<b>TEST FOR</b>		<b>QUALIFIED FOR</b>	
Welding Process :	SMAW		
Direction of Welding :	ALL PASS - DOWNHILL		
Filler Metal : Lincoln Electric E - 6010 & E - 8010-P1(GROUP 1 & 2)	Filler Metal : Lincoln Electric E - 6010 & E - 8010-P1(GROUP 1 & 2)		
External Diameter : Ø 273.10 mm (10")	External Diameter : 2.375" (60.3 mm) Through : 12.750" (323.9 mm)		
Wall Thickness : 7.8 mm	Wall Thickness : 0.188 in (4.8 mm) Through 0.750 in (19.1 mm)		
Position : 5G Fixed	Position : 5G Fixed		
Joint Design : "V" Bevel Butt	Joint Design : "V" Bevel Butt		
Reinforcement Size :	1.6 ± 0.75 mm		
Acceptable Visual Inspection Report No. :	WQT-09		
Radiographic Testing Result :	Accepted		
Acceptable Radiography Report No. :	KSS/RSME-RT-WQT-001		
Ultrasonic Testing Result :	N / A		
Acceptable Ultrasonic Report No. :	N / A		
Magnetic Particle Testing Result :	Accepted		
Acceptable Magnetic Particle Report No. :	011		
Tensile Test Result	Accepted		PHY-RPT-40091-01
Bend Test Result	Accepted		PHY-RPT-40091-01
Nick Break Test Result	Accepted		PHY-RPT-40091-01
	KSS/RSME	GS E & C	COMPANY / TPI
Name	H. RAMA RAY	Joseph	h. mani
Signature	H. RAMA RAY	GS E & C	h. mani
Date	28/05/2013	28/05/2013	31/05/2013



WELDER ID CARD  
IRP-II PIPELINE PROJECT



Name: RAM NARAYAN MAHTO

ID: IRP/KSS/RSW-061



We certify that this welder has undergone the required performance test and has met all of the requirements of the relevant specification

Specification: API 1104 & DGS-PU-319

WPS Tested: KSS/IRP/001A(Mainline Welding)

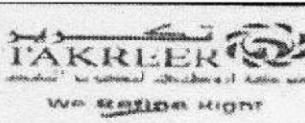
Qualified FOR: Root , Hot, Fill & Cap

Date: 18.05.2013  
*OS(15)*

Signed By	Sub Cont.	Contractor	PMC/TPI
Name:	M.KAMESH	<i>E.Saiyeli Rani</i>	<i>L.M.Anni</i>
Signature	<i>M. Ramu</i>	<i>K</i>	<i>L.M.Anni (b/w)</i>



**WELDER ID CARD**  
**IRP-II PIPELINE PROJECT**



Name: RAM NARAYAN MAHTO				ID: IRP/KSS/RSW-061		
Process	Direction	Filler Material	Dia (Inch)	W.T (mm)	Position	Joint Design
SMAW	All Pass Down Hill	AWS A5.1 & A5.5 E-6010 & E-8010 P1 Group 1 & 2	2.375 to 12.75 <i>(154-ae)</i>	4.8 to 19.1	5G Fixed	"V" Bevel Butt
Signed By		Sub Cont.	Contractor	PMC/TPI		
Name:		M.RAMMESH	Joseph Rayz	<i>Ramani</i>		
Signature		M. Ramy	<i>R</i>	<i>R. M.</i>		

WELDER QUALIFIED FOR			
<b>WPS No.</b>	1		
<b>Pass Qualified for</b>	Filler & Capping		
<b>Material Specification</b>	API 5L Gr X70		
<b>Pipe Dia &amp; Thickness</b>	18" & 7.14 mm		
<b>Electrode</b>	Root		
	Other Passes	E 8010 P1	
<b>Date of Test</b>	8.12.05		
<b>For JPL</b>	R. SABAT, 58. Q.C. Broggs.		
<b>For Tractebel Engg.</b>	A. M. D. S.		

**WELDER IDENTITY CARD**

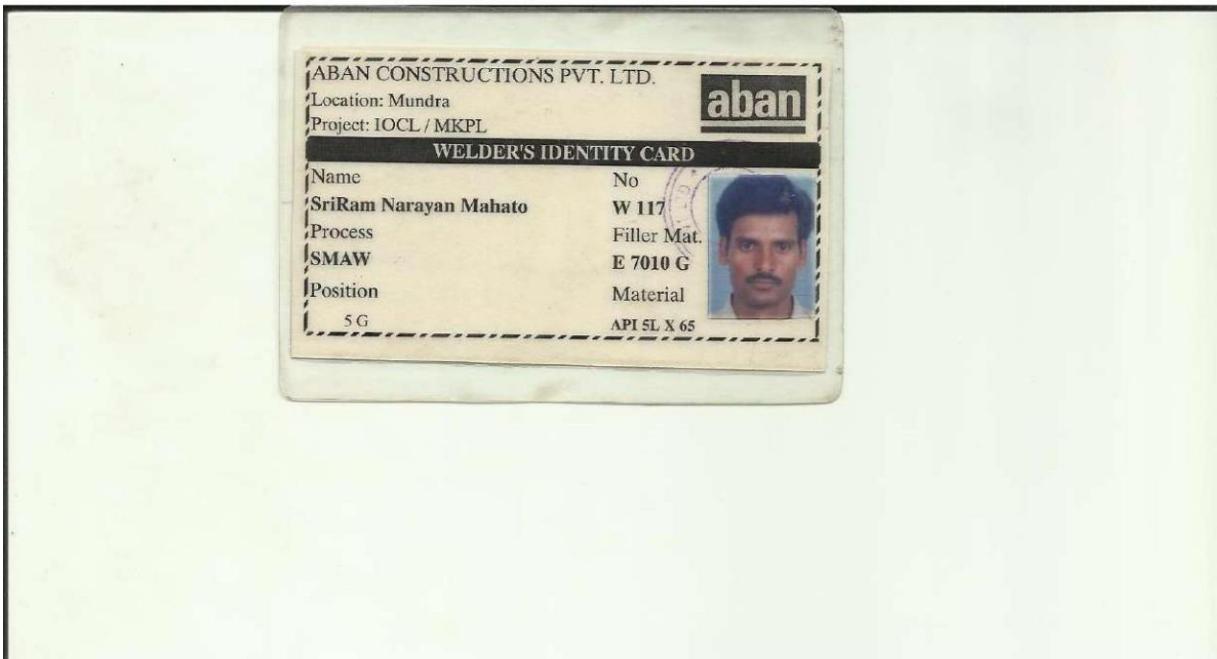
Client : GAIL (INDIA) LTD  
Contractor : Jaihind Projects Ltd  
Project : Thulendi Phulpur Pipeline Project  
**Welder Name** : Ram Narayan Mohato  
**Welder No.** : W 37  
**Valid Up to** : Till Completion of the Project



457504658

Tractebel Engg

2004-05  
JPL R. 6/3/04



Sample output to test PDF Combine only



Sample output to test PDF Combine only

