



## UMESH KUMAR

AYODHYA PRASAD 120,MAHRAJSINGH NAGAR PRATAPPUR  
MIHINPURWA BAHRAICH UTTARPRADESH 271855  
7234052729 | umeshkumar55682@gmail.com

### Experience

- **LARSEN&TOUBRO LTD** OCT2011 - JUL2014  
2F,3F GMAW WELDER  
THARMAL POWER RAJPURA PUNJAB
- **LARSEN&TOUBRO LTD** AUG2014 - DEC2016  
3F,3G GMAW+FCAW WELDER  
THARMAL POWER CHHABDA RAJSTHAN
- **GAMMON INDIA LTD** MAR2017 - OCT2017  
3G,4G FCAW WELDER  
NUCLEARPOWER RAWATBHATA RAJSTHAN
- **LARSEN&TOUBRO POWER LTD** OCT2017 - MAR2019  
3G FCAW WELDER  
NUCLEAR POWER RAWATBHATA RAJSTHAN
- **BGR ENERGY SISTEM LTD** JUL2019 - MAR2019  
2G,3G GMAW WELDER  
THARMAL POWER KANPUR U.P.
- **PRIYA CONSTRUCTION** SEP2020 - MAR2021  
3G GMAW WELDER  
NTPC THARMAL POWER MAUDA NAGPUR
- **LARSEN&TOUBRO LDT** MAR2021 - MAR2022  
3G,4G FCAW WELDER  
MTHL PROJECT PACKAGE ONE MUMBAI MAHARASTRA
- **FABTECH ENGEENIRING** MAY2022 - JUN2024  
3G,4G FCAW WELDER  
FABTECH ENGEENIRING DIC UAE

### Education

- **8th** 2008

### Personal Details

- Date of Birth : 01/01/1991
- Nationality : IINDIA
- Passport : U5931927

REMARKS :

S/C NAME : M/S. ESSEM

QUALIFICATION VALID TILL SATISFACTORY PERFORMANCE




LARSEN & TOUBRO LIMITED-TPPC-BU  
2X700 MW THERMAL POWER PROJECT

RAJPURA  
WELDER ID CARD

NAME Mr. UMESH KUMAR

WELDER No. WS-130

APPROVED BY :

  
L&T -TPPC





SR. NO.	DATE OF TEST	WPS NO.	P.NO. to P. NO.	MATERIAL - PLATE/PIPE		FILLER METAL	POSITION	QUALIFIED IN RANGE			POSITION	
				SIZE / DIA	THK. In mm			DIA	THK. In mm	POSITION	QA	NPCIL-QA
1.	04-03-2017	WPS-007	P1 to P1	Plate	16.0 mm	E71T-1M	3G*	2 7/8" & Above	32 mm	1G, 2G, 1F, 2F, 3F	QA	NPCIL-QA
2.	04-03-2017	WPS-007	P1 to P1	Plate	16.0 mm	E71T-1M	4G*	2 7/8" & Above	32 mm	1G, 4G, 1F, 2F, 4F	QA	NPCIL-QA

\* with Backed ship.

Remarks :- This is to Certify that this person has been tested in accordance with requirement of welding code

Format No. : GIL

Revision No.

Revision Date :

### WELDER'S IDENTIFICATION CARD

Project : Rajasthan Atomic Power Project - 7&8

Client : Nuclear Power Corporation of India Ltd.

Company : Gammon India Ltd.

Procedure No. : P&R/007

Welder Name : UMESH KUMAR ✓

Welder ID No./Pass No. : GJW-40

Design Process : FCAW

Validity : TILL SATISFACTORY PERFORMANCE

Remarks :- This is to Certify that this person has been tested in accordance with requirement of welding code : ASME Sec. IX



*(Signature)*  
GIL QA

*(Signature)*  
NPCIL QA

Format No. : GIL

Revision No.

Revision Date :



**GAMMON**  
*Excellence in the nation*

**GAMMON INDIA LIMITED**

NDCT & CWPH INCLUDING ALLIED WORKS @ RAPP - 7 & 8

FCAW (CS - CS)

**QW-484 Welder Performance Qualification (WPQ)**

PAGE: 1 OF 1

Welder Name : Umesh Kumar

Welder Number : GW-40

Identification of WPS followed : GIL/RAPP/NDCT/WPS/007

Test Coupon  Production Weld

Specification and type/grade or UNS Number of base metal(s) : IS 2002 Gr 2

Thickness : 20 mm



**Testing Variables and Qualification Limits**

Welding process(es)	Welding Variables ( QW - 360)	Actual	Qualified
Type (i.e.: manual, semi-automatic) used		FCAW	FCAW
Backing (with/without):		MANUAL WITH	MANUAL WITH
Base metal P-Number to P-Number	Pipe (center diameter if pipe or tube)	16 mm Thk	Upto 32 mm Thk
Filler metal or electrode specification(s) (SFA) (info. only)		P1	P1
Filler metal or electrode classification(s) (info. only)		E71T-1M	E71T-1M
Filler metal F-Number(s)		F6	F6
Consumable insert (GTAW or PAW)		NA	NA
Filler Metal Product Form (solid/metal or flux cored/powder) (GTAW or PAW)		Solid/Metal	Solid/Metal
Deposit thickness for each process			
Process 1	3 layers minimum Yes	5 MM	No limit
Process 2	3 layers minimum	4G	1G,4G,1F,2F,4F
Position qualified (2G, 6G, 3F, etc.)		UPHILL	UPHILL
Vertical progression (uphill or downhill)		NA	NA
Type of fuel gas (OF-W)		NA	NA
Shielding gas backing (GTAW, PAW, SMAW)		NA	NA
Transfer mode (spray/globular or pulse to short circuit-GMAW)		NA	NA
GTAW current type/polarity (AC, DCEP, DCEN)		DCEP	DCEP

**Results**

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

Transverse face and root bends (QW-462.3(a)) Longitudinal bends (QW-462.3(b))

Side bends (QW-462.2)

Type	Result	Type	Result	Type	Result
		RT	<input checked="" type="checkbox"/>	UT	

Alternative Volumetric Examination Results (QW-191):

Film or specimens evaluated by Mr. R. K. Verma (NPCL)

Mechanical tests conducted by

Welding Witnessed by

Mr. B. Mishra (NPCL), Mr. Vivek Kumar Sharma (GIL)

RT

UT

(Check One)

Company Gammon India Limited  
RT Report No: RT-28 Dtd 18-03-2017

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.

*Umesh Kumar*  
GIL (D&Mech)

*R. K. Verma*  
NPCL (QA) 21/3/17



**oubro Ltd - POWER**  
**Island Package, RAPP7&8**  
**Corporation India Limited**  
**r's Identity Card**



(PLATE)

**अनुराग सिंह शर्मा**  
**Anurag Singh Bhadauriya**  
**अनुराग अफसर - डी. आ. (म)**  
**Scientific Officer - D. OA (M)**  
**एन.पी.सी. (ए)**

**एन.पी.सी. (ए)**  
**Nuclear Power Corporation Ltd.**  
**राजस्थान राज्य, राईए. ३००००३**  
**Rawalbhata Rajasthan Site Unit- 7&8**

Date	Welding Process
04-10-2017	FCAW

Qualified for: (A) 3G (A)1G,3G

(B) 1F,2F,3



Larsen & Toubro Ltd - POWER  
Balance of Turbine Island Package, RAPP7&8  
Nuclear Power Corporation India Limited

**QW 484 WELDER PERFORMANCE QUALIFICATION**

QW 301, Section IX, ASME Boiler & Pressure Vessel Code

Welder Name:- UMESH KUMAR

Stamp No W 136



Using WPS No: RAPP7&8/L&T/BOTIP/MECH/WPS: 220 Rev 0

Base Metal Specification: IS 2062 - GR - B

Thickness: 25mm

Test coupon

Production weld

The above welder is qualified for the following ranges.

Variable	Record Actual Values	Qualification Range
Process	FCAW	FCAW ✓
Process Type	SEMI AUTOMATIC	SEMI AUTOMATIC ✓
Backing ( With/With out )	BACK WITH SMAW WELD METAL	BACK WITH SMAW WELD METAL ✓
Materials Spec.	IS 2062 GR - B	IS 2062 GR - B ✓
P no to P no	P1 to P1	P1 to P1 ✓
Thickness (mm)		
Groove	25mm	Max to be weld
Fillet		ALL
Diameter		
Groove	N/A	V (FOR >600NB) AND F (FROM 73 NB AND ABOVE)
Fillet	N/A	F,H,V (FOR PLATE AND PIPE)
Filler Metal		
Spec. No.	E71T -1M	E71T -1M
Class	SFA5 20	SFA5 20
A. No	1	1
F. No.	6	6
Position	3G	1G,3G,1F,2F,3F
Welding Progression	Up-hill	Up-hill ✓
Gas Type	ARGON +CO2	ARGON +CO2 ✓
Electrical Characteristics		
Current	D.C	D.C ✓
Polarity	DCEP	DCEP ✓

**Guided Bend Test Results**

Report No: NA

Type and Fig. No.	Result
FACE BEND=NA	NIL
ROOT BEND=NA	NIL

**Radiographic Test Results**

For alternative qualification of groove welds by radiography

Radiographic Results: ACC

130 & 4/10/2017 ✓

**Fillet Weld Test Results**

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

Length and Per Cent of Defects N/Inches: N/A %

Macro Test-Fusion: N/A

Appearance - Fillet Size (mg): N/A

Convexity or Concavity: N/A


Test Conducted by : TP SINGH DATE: 03/10/2017

We certify that the statements in this records are correct and that the test welds were prepared, welded and tested in accordance with the requirements of section IX of ASME Boiler & Pressure Vessel Code.


Signature		
Name	MAS	Anurag Singh
Date	12/10/17	12/10/17

अनुराग सिंह भदौरिया  
Anurag Singh Bhadauriya  
Scientific Officer -D, QA (M)  
Nuclear Power Corporation of India Ltd.  
130 & 4/10/2017

		02	01	Sl. no.
		GMAW	GMAW	Process
		03	03	WPS No.
		ERT55	ER705	Electrode
		3G	2G	Position
		PLATE	PLATE	Plate/ pipe
		25MM	25 MM	Thickness
		MAX THK.	MAX. THK.	Range Qualified
		09/04/19	09/04/19	Date of Qualification
				BGRESL FQA
				NUPPL FQA



**BGR ENERGY SYSTEMS LTD**  
3X660 MW GHATAMPUR THERMAL POWER PROJECT,  
UTTAR PRADESH



**BGR ENERGY**

**WELDER IDENTIFICATION CARD**

Welder Name: UMESH KUMAR

Welder Identification No.: BGR/PROJ/57A-05/19-23


Sub Contractor Name: ASP WATER SYSTEMS

Valid upto: SATISFACTORY PERFORMANCE

Sub Contractor

FQA

BGRESL



FQA

NUPPL

## QUALITY SYSTEM RECORD

MOUDA

Title : Welder's Qualification Record (NON IBR Category)

Reg. : 00

Ref. FQA/MECH

Page 1 of 1

1	Sl. No/ Date	2074
2	Welder Name	UMESH KUMAR
3	Name of Agency	PRIYA CONSTRUCTIONS
4	Identification	1085/MHPS/Priyacont.
5	Welding Process	GMAW
6	Type of Qualification	WQT
7	Date of Test	03/09/2020
8	Type of Joints/Position	SINGLE - V 3G (BUTT WELD)
9	Material Specification	IS2062 GR.B
10	Type of Electrode	ER70S-6
11	NDT Test Result	ACCEPT R.N. 02
12	Bend Test Tensile Test Result	-
13	Date of Issue	03-09-2020
14	Valid upto	31-12-2020



### RENEWALS

FORM	TO	Approved By

*Umesh Kumar*  
Welder's  
Signature

*[Signature]*  
Issued By  
MHPS-(FQA)

*[Signature]*  
Approved By  
(NTPC FQA)



LARSEN & TOUBRO LIMITED - HCI IC  
Mumbai Trans Harbour Link project (Package-1)


### WELDER IDENTITY CARD - OSD WORKS

NAME	Umesh Kumar
CONTRACT	Ajwa
WELDER NO	MTHL-01/OSD/WD-05
PROCESS	FCAW
BASE METAL	All OSD material (Up to Yield strength of 620 Mpa)
FILLER METAL	Qualified all FCAW filler metal (with backing)
POSITION	Groove & Fillet : All Position




THICKNESS	Groove & Fillet - Unlimited
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Certified by

  
30/03/21  
(S. SAMPATH KUMAR)

## Welder's Performance Qualification Record (WPQ)

Welder's Name	Mr. Umesh Kumar		
Identification #	FE 112		
WPS Followed	300-15		
Qualification conducted on	Test coupon <input checked="" type="checkbox"/>	Production weld <input type="checkbox"/>	
Qualified to - Code / Testing Standard	AWS D1.1/D1.1M :2020		
Specification of base metal	S355J2+N, Cast No. 290893-1		
Thickness of test coupon	25 mm		
Test Date	15 <sup>th</sup> Aug 2022		

Welding variables		
Variables	Actual values	Range qualified
<b>FCAW</b>		
Welding Process(es)	FCAW	FCAW
Type (Manual, semiautomatic, Etc.)	Semi Automatic	Semi Automatic
Joint Type & Backing ( With / Without)	Groove -With backing	Groove & Fillet - With backing, Back gouging or Both
Qualification conducted on	Plate <input checked="" type="checkbox"/> Pipe <input type="checkbox"/>	Plate <input checked="" type="checkbox"/> & Pipe <input checked="" type="checkbox"/> (Pipe OD >= 24" (600 mm))
Pipe Diameter for Groove Weld	Plate -3G + 4G	Weld Position ( F,H,V), Not Qualified for Weld having groove angle less than 30° For T, K,Y – Groove, PJP Only
Base metal	S355J2 + N	Any AWS D1.1 Qualified Base Metal & Similar Unlisted Metal
Filler metal / electrode (SFA) specification	A5.20	All Classification
Filler metal or electrode classification	E 71T-1C	All Classification
Addition/Deletion of filler metal	NA	NA
Consumable insert	NA	NA
Filler type ( Solid /metal or flux cored / powder)	Flux Core wire	Solid Wire & Flux Core Wire
Deposit thickness for Single/Multiple process	16 mm	Groove & Fillet : 3 mm to 32 mm, Plug & Slot Weld : All
Welding position	3G+4G	Groove: - All Fillet: All
Vertical progression ( Uphill / Down hill)	Up Hill	Up Hill
Single / Multiple Electrode	Single	Single
Gas / Flux type	CO2	All, A5.xx Approved
Transfer mode (spray/globular, pulse/ Short circuit-GMAW)	Globular	Spray, Globular, Pulse
Current type and polarity (AC, DCEP, DCEN)	DCEP	Any

### Inspection / Testing


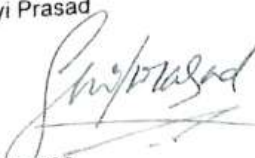

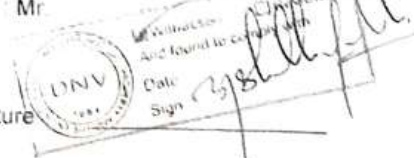
Visual examination of completed weld Satisfactory per Aws D1.1: D1.1 M:2020, Clause 6 10.1

### Destructive / Non Destructive Testing

Alternative radiographic examination Result Acceptable -Report No: GPTI-WQT-RT-0393  
GPTI-WQT-RT-0404

Welding witnessed by : Mr. Chintan Raval ( Fabtech Engineering LLC) & Mr. Harshit Solanki (DNV)

We, the undersigned 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 Clause 6 of AWS D1.1/D1.1M :2020 Structural Welding Code – Steel.

Prepared by: Sr. Welding Engg. FABTECH ENGINEERING L L C  Name: Chintan Raval  Signature:   Date: 19.08.2022	Certified By: QA/QC MANAGER FABTECH ENGINEERING L L C  Name: Sayi Prasad  Signature:   Date: 19.08.2022	Witnessed & Reviewed by DNV  Name: Mr.   Signature:   Date:
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EMIGRATION CHECK REQUIRED

Name / Name of Applicant or any Name of Family / Legal Guardian

AYODHYA PRASAD

Name of Spouse / Name of Mother

MEENA DEVI

Name of Child or any / Name of Spouse

REKHA DEVI

Age / Address

120

MAHARAJ SINGH NAGAR,BAHRAICH

PIN:271855,UTTAR PRADESH,INDIA

Special comment or a note given with this ID card on receipt of Applicant's Visa with Date and Place of Issue

Machine / Visa No.

LK3065335578421



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