
Name : Mohamed Adel Ghazal Hashw

Address : Elbehera, Damanhour

Phone : 01019242272

E_mail : mmmmmoh8063@gmail.com

Date of birth : 25/1/1986

Military services : Exempted

Education :

- Industrial high school (2007)

Jop title:

- TIG Welder

Experience

- ERC Refinery Project (GS).
 - EME (Elkorom Middle East)
 - Energia (Elshabab power plant)
 - EME (Elqata power plant)
 - KAHROMIKA (Cairo west thermal power plant)
 - MEGA(Elbrolos power plant)
-

ARESCO

QW-404 RECORD OF WELDER QUALIFICATION TESTS

AC BOILERS

Record No. : ARE - N73

Rev: 00

WEST DAMIETTA PROJECT PHASE II

Date : 27/4/2017

Job No. : 3062

Welder Name : Mohamed Adeel Hashw

Specification : ASME SEC IX

Stamp No. ARE- N310

WPS No: ARE-DEM-A1

Date of Test : 21/4/2017



Variable	Actual Values	Qualification Range
Welding Process (es) (QW-350)	GTAW	GTAW
Process Type (Manual, Semi Auto)	Manual	Manual
Backing (Metal, Weld Metal ect.) (QW-402.4)	Without	Without & With Backing
Material Spec. (QW-103)	P. No. 1 Through P. No. 15F, P. No. 34 and P. No. 41 Through P. No. 49	
Thickness		
Groove	8 mm	16 mm
Fillet	N/A	All Thickness
Diameter (QW-403.16)		
Groove	2.5 inch	≥ 2 1/8" Inch
Fillet	N/A	all Diameter
Filler Metal (QW-404)		
F. No.	F.No.6	F.No.6
Classification	ER 70S-3	
Deposited Weld Metal Thickness (QW-404.30)		
Groove	8 mm	16 mm
Fillet	N/A	All sizes
Consumable Insert		
Filler Metal Product Form (QW-404.23)	Bare (solid electrode)	No
Position Qualified (QW-105)		Bare
Weld Progression	Up Hill	Up Hill Only
Gas Type (QW-408)	N/A	N/A
Backing Gas		
Electric Characteristics (QW-409.4)		
Current	DC	DC
Polarity	Straight Polarity (EN)	Straight Polarity (EN)
Tungsten Electrode	EWTh-2	All

Visual Examination Result (QW - 302) : Acceptable

(Report No. : QC-WD-ARE-VT-15)

Guided Bend Test Result QW - 462.2 (a), QW 462.3(a), QW 462 (b)- N/A

Guided Bend Test Results

Side / Face Bend -

N/A

Macro Examination -

N/A

N/A

Radiographic Test Result (QW - 304 & QW - 305)

Reports No: QC-WD-ARE-RT-00

Fillet Weld Test Results (See QW - 462.4(a), QW - 462.4(b)) - N/A

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

Length and Percent of DefectsN/... mm

Appearance - Fillet Size (log).....N/A ...m X ...N/A...mm ; Convexity

.....N/A.....% ; Macro Test- FusionN/A.....

We certify that the statements in this record are correct and the coupons were prepared, welded and tested as per requirements

of ASME SEC IX

Signature:

Name:

Designation:

Date:

AC BOILER

PGESCO



MEGA

FOR CONSTRUCTION & INDUSTRIES

Q.C Department

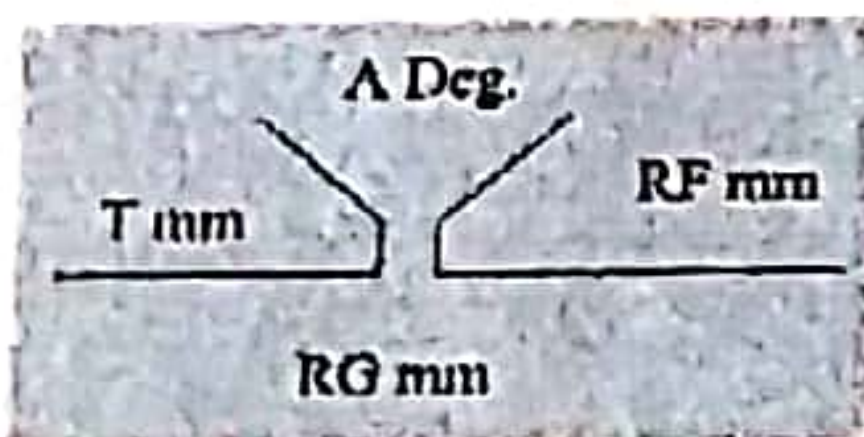
Welder Performance Qualification (WPQ)



Code:	ASME 1X	CERT:290
Company Name:	MEGA	
Welder Name:	MOHAMED ADEL GHAZAL	Identification No.:M347
Test Description		
WPS Followed:	001	Rev. No.: 0
Welding Process:	GTAW	Process Type: Manual
Test Coupon Size:	2" Pipe	Base Metal: P NO. 1
Test No.:	M347	Base Metal Thickness: 5.54mm
Qualification Date:	25-09-17	Supported PQR No.: 025

Testing Condition and Qualification limits

Joint Preparation and Welding Variable	Actual Values	Range Qualified
Base Metal P number	P1	All P No.1 through P-No.15F, P-No.34, and P-No.41 through P-No.49 material welded to itself & any unassigned metals of similar chemical comp.
Pipe / Plate Thickness	5.54 mm	up to 11.08 mm
Pipe Outer Diameter	2" pipe	1" to Unlimited
Joint Design	groove butt weld	groove and fillet
Backing	without	With and Without
Backing Metal	Without	With and Without
Filler Spec.No.SFA	5.18	5.18
Filler metal Classify.	ER 70S-6	F6
F Number	F6	All F6
Process 1/number of Passes	3Passes	Single/Multiple passes
Process 2/number of Passes	NA	NA
Consumable Insert (GMAW or PAW)	N.A.	N.A.
Filler type (GMAW, GTAW or PAW)	N.A.	N.A.
Gas Type	N.A.	N.A.
Gas Backing (GTAW, PAW or GMAW)	without	With and Without
Weld Deposit Thickness	5.54mm	11.08 mm
Transfer Mode (GMAW)	N.A.	N.A.
Test Positions	6G	ALL
Vertical Progression	UP	UP
Electrical Chart	DCEN	DCEN



T = 5.54 mm
A = 70 Deg.
RF = 1-2mm
RG = 2-4mm

Test Results

Non-Destructive test results

Radiographic Test	Accept report No.WQT-066
VT	Report -61

Destructive test results

Macro Test	Root Test	Face Test	Side Bend	Fillet weld Fracture
N.A.	N.A.	N.A.	N.A.	N.A.

We certify that the statement in this record are correct and that the test weld coupon were prepared, welded and tested in accordance with the requirements / ASME 1X

MEGA QC Engineer	MEGA Quality Manager
Name: MOUSTAFA ABDOL	Name: AHMED ABD ELMONEM
Date: 1 / 120	Date: 1 / 120
Signature: [Signature]	Signature: [Signature]

ORASCON	ORASCON
name: CONSTRUCTION	name: CONSTRUCTION
date: 28/9/17	date: 28/9/17
Signature: [Signature]	Signature: [Signature]



RECORD OF WELDER QUALIFICATION TESTS WPQR

WPQR NO.

Welder Name

Mohamed Adeel Hashw

Using WPS No.

STP

Stamp No.

KGP42

Rev.

The above welder or welding operator is qualified for the following

Variables Used In Qualification

Variables Qual

Process

GTAW

Type MANUAL

GTAW

Type of Joint

GROOVE

GROOV

Backing

WITHOUT

WITH AND W

Base Metal

Spec. type & Grade

SA106GR.B

To Spec. Type & Grade

SA106GR.B

P.No. 1

Gr.No 1

To P.No. 1

Gr.No 1

From P.No. 1

To P.No. 8

Thickness

3 MM

UP TO 6MM

Pipe Dia

2"

1" TO UNLIMITED

FILLER Metal

Spec. No.

SFA5.18

AWS No. (Class)

ER70S/6

F. No.

6

Deposite Weld Metal Thick.

3MM

ALL F6 ASME CLASS EQUIV.

Position

6G

UP TO 6MM

Welding Progression

UPHILL

ALL

Backing Gas (GTAW)

NONE

UPHILL

Electrical Characteristics

Current DC

Polarity DCN

DCN

Transfer Mode (GMAW)

NA

NA

Other

GUIDE BEND TEST RESULTS QW 462.2 - QW 462.3 (a) - QW462.3 (b)

Type and Fig. No.

Results

For Alternative Qualification of Groove Welds (QW 304 - QW 305)

Visual Examination

OK

Radiographic Test Results

RT001(BY MASSA)

Fracture Test

Fillet Weld Test Results QW 462.4 (b)

Macro Test

Test conducted by

Fillet Size

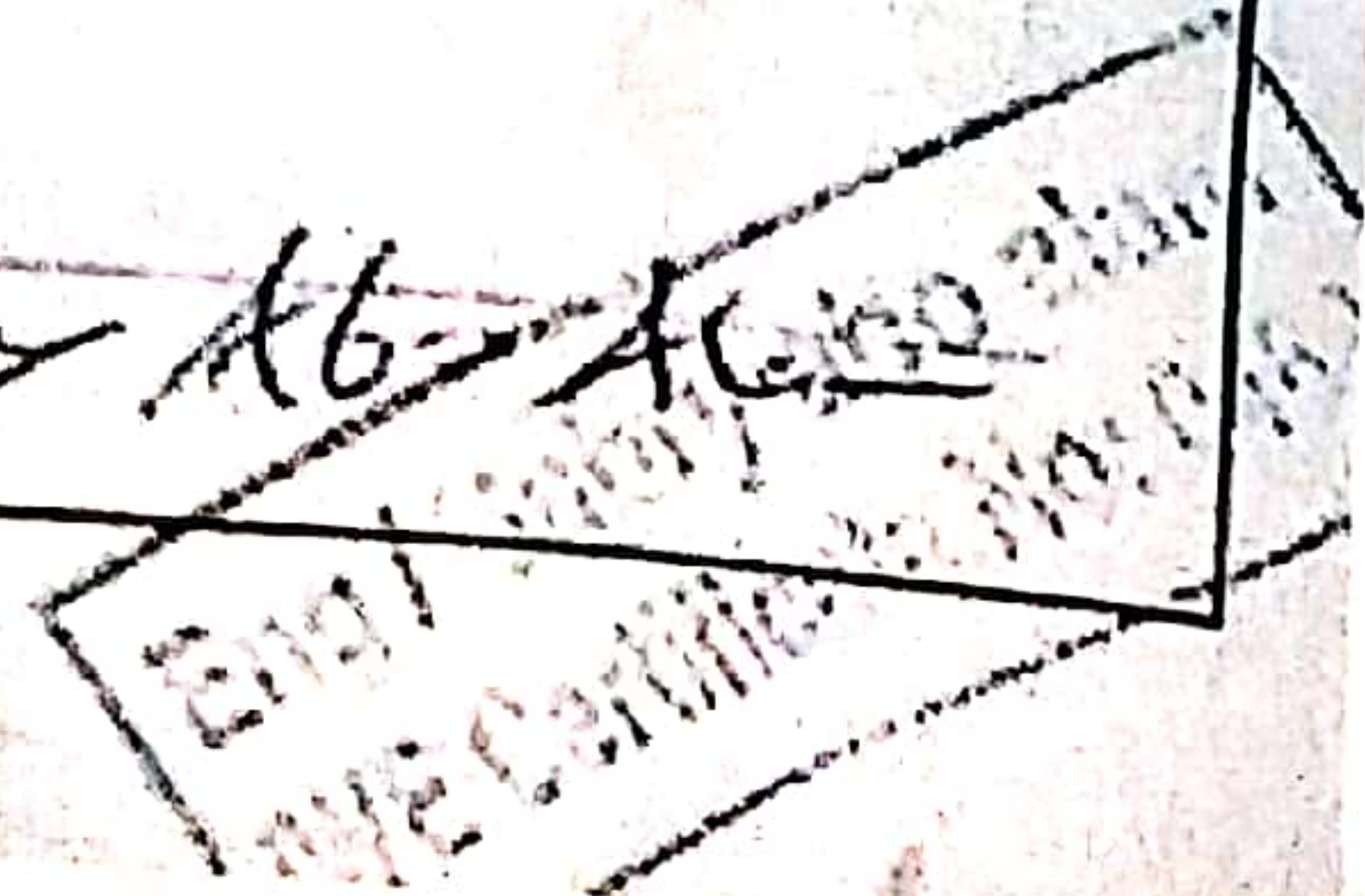
Laboratory Test No.

Date

We certify that the statement in this record are correct and test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code.

ALI ALI ELSOUDY

SABRY ABO ALAM



CAIRO WEST THERMAL POWER PLANT

CODE/ASME IX

WELDERS QUALIFICATION RECORD

FORM NO.: FM-10051-1006

REVISION: 0

Welder Name

Mohamed Adeel Hashw

WQT #65

W 86

Welding Process Used

GTAW

Type

MANUAL

Identification of WPS followed by welder during welding of test coupon

Base Material Welded

A106 Gr B

Manual Or Semi Automatic Variables For each Process (QW-350)

Backing (Metal, Weld Metal, Welded from both sides, flux etc)

P-No P2 To P-No P2

Plate

Pipe (enter diameter if pipe)

Filler Metal Specification (SFA)

A5.18

Classification

Filler Metal F Number

Consumable Insert for GTAW and PAW

Weld Deposition Thickness for each welding process

Weld Position (1G, 5G etc)

Progression (Uphill, Downhill)

Backing Gas for GTAW, PAW or GTAW, Fuel Gas for OFW

GMAW Transfer Mode

Welding Current Type / Polarity

GTAW Filler Metal Type (Flux Cored /bar(Solid) or Metal Cored / Power)

Machine Welding Variables for Ulo Process Used

Direct / Remote Visual Control (GTAW)

Automatic Voltage Control (GTAW)

Automatic Joint Tracking

Welding position (1G, 5G etc)

Consumable Insert

Backing (Metal, Weld metal Welded from both sides, Flux, etc)

Guided Bend Test Result

Type of guided bend test	Side Results	Trans R & F Results	Long R & F Results
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Visual examination results (QW-302.4): ACCEPTABLE
Radiographic Test results (QW-101): ACCEPTABLE
(For alternative qualification of groove welds by radiography)

Fillet weld Fracture Test: N/A

Macro Test fusion: N/A

Welding Test conducted by:

Mechanical Tests Conducted by:

We certify that the statements in this record are true and that the test coupons were prepared, and test in accordance with the requirements of Section IX of ASME Boiler and Pressure Vessel Code.

Record Acceptance

Name

Signature

Date

MOHAMAD GALAL

M. GALAL

A. A. RAHMAN

PGECHO

A. Hussein

A. Hussein

Miss Company For Mechanical & Electrical
KAHROMIKA
QW/QC Passed Date
Cairo Wwst Power Plant Cp 105

GTAW - WITHOUT

WITH/WITHOUT

P2

From P2 To P11

57mm

PLATE, PIPE OD
57mm

ER 70S-3

F6

F6

NONE

NONE

GTAW - 5.5mm

GTAW - 11mm

6G

ALL

Uphill

Uphill

N/A

N/A

N/A

N/A

GTAW - DCSP

GTAW - DCSP

GTAW - Solid

GTAW - Solid

Actual Values

Range Values

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A



RECORD OF WELDER QUALIFICATION TEST

WQR
WQT 091

WELDER NAME Mohamed Adeel Hashw

STAMP P 133

DATE OF BIRTH

NATIONALITY EGYPTIAN

HAS BEEN QUALIFIED USING WPS NO. P 00A 11.1.1

REV.01

PROCESS GTAW

TYPE MANUAL



VARIABLES	ACTUAL VALUES USED IN QUAL.	QUALIFICATION RANGE
BACKING	NA	NA
BASE METAL (P-NO)	P-1	P-NO.1 TO 11 EXCEPT PHO B, 10H
PLATE OR PIPE (Enter diameter if pipe)	PIPE - 2"	PIPE > 1"
GROOVE	GROOVE	GROOVE
FILLET		ALL
WELD THICKNESS		
GROOVE	4 MM	6 MM
FILLET		ALL
FILLER METAL		
SPEC & CLASS	ER 70 S3	ER XX S
F-NO	F 6	F 6
FILLER METAL VARIETY (GTAW)		
CONSUMABLE INSERT (GTAW)	FWTH2	FWTH2
POSITION	6 G	ALL
WELDING PROGRESSION	UPHILL	UPHILL
BACKING GAS	NA	NA
GMAW TRANSFER MODE	NA	NA
CURRENT & POLARITY		

GUIDED BEND TEST RESULTS

TYPE	RESULTS	TYPE	RESULTS
NA	NA	NA	NA

RADIOGRAPHIC TEST RESULTS ACCEPT

RT REPORT NO WQT 36 VT REPORT

FILLET WELD TEST RESULTS

FRACTURE TEST NA

MACROTEST NA

APPEARANCE N/A

NOTES N/A

TEST CONDUCTED BY P.T.T. (C)

LENGTH & PERCENT DEFECTS N/A

FILLET LEG SIZE N/A



CERTIF. No 091

WE CERTIFY THE STATEMENTS IN THIS RECORD ARE CORRECT AND THAT THE TEST WELDS WERE PREPARED, WELDED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 ASME SEC. IX

Signature
Mohamed Eassa

Signature
T.C.M. 06

Signature

ARESCO
WELDING & FABRICATION

**WELDER QUALIFICATION
CARD**

AC
WELDING & FABRICATION

Project Title : West Damietta Power Station

Job No. : 3062

Rev. : 00

Welder's Name : Mohamed Adeel Hashw

Stamp No : ARE-N 310

Date : 27/4/2017



Owner:

Owner Rep:

Contractor:

MEGA

FOR CONSTRUCTION & HOLDINGS

WELDER IDENTIFICATION CARD (ASME IX)

MOHAMED ADEL GHAZAL

Welder ID:

M347

Qualified Position:

All Position

Qualified Process:

GTAW

Qualification Date

25-09-17

Qualified Thick:

up to 11.08mm



Enppi



RETROJET

Max.C2C3
PROJECT

ID CARD FOR
WELDER & WELDING OPERATOR

NAME Mohamed Adeel Hashw

STAMP NO P 180

PTJ QA/QC

AHAMED QUTUB



MOHAMMED A. R

CWI 0601

DCI EXP

AUTH. ENPPI COMPANY MOHAMED A.ELFATTAH

Welder Qualified for Welding on :

PROCESS	POSITIONS	FILLER	WPS NO.
GTAW (CS)	6G	ER70S-3	05 04-12-08



- This Card is valid until end of the project.
- This Card may be cancelled by QC Inspector if weld quality is not satisfactory
- This Card canceled in case if add or scratched after stamping

WPQR NO. 10
Welder Name Mohamed Adeel Hashw
Using WPS No. STF

Stamp No. KGPE30
Rev.

The above welder or welding operator is qualified for the following variables

Variables Used in Qualification

Process SMAW Type MANUAL
Type of joint GROOVE
Backing WITHOUT
Base Metal
Spec. type & Grade SA106GR.B
To Spec. Type & Grade SA106GR.B
P.No. 1 Gr.No. 1 To P.No. 1 Gr.No. 1
Thickness 7.11MM
Pipe Dia 6"

FILLER Metal

Spec. No. SFA5.1
AWS No. (Class) E7018
F. No. 4
Deposit Weld Metal Thick. 7.11MM
Position 6G
Welding Progression UPHILL
Backing Gas / GTAW NONE

Electrical Characteristics

Current DC Polarity DC(+)
Transfer Mode (GMAW) NA
Other

Variables Qualification Range

SMAW Type MANU
GROOVE AND FILLET
WITH AND WITHOUT
From P.No. 1 To P.No.
U P TO 6MM 14.22MM
2 7/8" TO UNLIMITED

ALL F4 ASME CLASS EQUIV.
UP TO 6MM 14.22MM
ALL
UPHILL
DC(-)
NA

GUIDE BEND TEST RESULTS QW 462.2 - QW 462.3 (a) - QW 462.3 (b)

Type and Fig. No.	Results

For Alternative Qualification of Groove Welds (QW 304 - QW 305)

Visual Examination OK
Radiographic Test Results RT001(BY MASSA)

Fillet Weld Test Results QW 462.4 (b)

Fracture Test
Macro Test
Test conducted by Fillet Size
Laboratory Test No. Date

We certify that the statement in this record are correct and test welds were prepared , welded and tested in accordance with the requirements of Section IX of the ASME Code.

ALALI ELSOUFY
ELKROM MIDDLE EAST
SITE MANAGER

SABRY ABO ALAN