

CURRICULUM VITAE

MR. SAMORN PROMTHONG

PERSONAL PARTICULAR

Sex	:	*Male*
Date Of Birth	:	*December 18, 1982*
Age	:	*43 Year Old*
Weight	:	*70 Kg*
Height	:	*167 Cm.*
Nationality	:	*Thai*
Race	:	*Thai*
Religion	:	*Buddhism*
Blood Group	:	*A*
Marital Status	:	*Married*
ID-Card No.	:	*3-4117-00501-96-9*
Education	:	*High School*
Passport No.	:	*AC8172964*
Date Of Issue	:	*11 Dec 2025*
Date Of Expiry	:	*10 Dec 2035*
Health	:	*Excellent*
Emergency Call	:	*+6697 049 0972, Thailand*

EXPERIENCE SUMMARY CAREER SPECIALZATION

Had more than 15 Years for the field and fabrication job with in.

-TIG WELDER 6G ALL

ALL IN THE PROJECT CONSTRUCTION FOR

-Oil Refinery Plant.

-Gas Field Separation Plant.

-Power Plant

-Petro Chemical Construction Project Plant.

-Maintenance Shutdown & Turnaround Plant.(Replacement , Equipment)

EXPERIENCE

Period	:	***June 11, 2023 to June 30, 2025***
Employer	:	***CHEMO AHRARON LTD. (ISRAEL)***
Position	:	*Welder Gtaw + Smaw 6G*
Project	:	*Intel Sparrow Project*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***June 16, 2021***
Employer	:	***Caz (Thailand) Co., Ltd***
Position	:	*Welder Gtaw + Smaw*
Project	:	*Thai Oil Clean Fuel Project (TOP)*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***June 01, 2021***
Employer	:	***RNC***
Position	:	*Welder Gtaw + Smaw*
Project	:	*430205 (Oman)*
Job Type	:	*Schmidt + Clemens*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***September 21, 2020***
Employer	:	***Caz (Thailand) Co., Ltd***
Position	:	*Welder Gtaw*
Project	:	*Thai Oil Clean Fuel Project (Top)*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

EXPERIENCE

Period	:	***January 30, 2019***
Employer	:	***RNC***
Position	:	*Welder Gtaw + Smaw*
Project	:	*430205 (Oman)*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***February 27, 2018***
Employer	:	***RNC / SCG CHEMICAL***
Position	:	*Welder Gtaw*
Project	:	*Rayong Olefins Company Limited*
Job Type	:	*Furnance Revamp H+120R ROC*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***September 27, 2017***
Employer	:	***PTT Global Chemical Public Co., Ltd***
Position	:	*Welder Gtaw*
Project	:	*Repairing Of Centerpipe*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***November 10, 2016***
Employer	:	***Mitsubishi Hitachi Power Systems Africa***
Position	:	*Tig Welder*
Project	:	*Kusile Power Station*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

EXPERIENCE

Period	:	***June 25, 2014 – March 31, 2015***
Employer	:	***Hyunwoo (Thailand) CO., Ltd***
Position	:	*Welder 6G*
Project	:	*Heavy Gas to Olefins Feedstock Project*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***June 09, 2015***
Employer	:	***PTT Phenol / Bechtel / Posco Engineering***
Position	:	*Welder Gtaw + Smaw*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

Period	:	***September 17, 2013***
Employer	:	***PTT Maintenance Engineering Co., Ltd***
Position	:	*Welder Gtaw*
Project	:	*TAC Thai Alliance*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*
Period	:	***July 02, 2012***
Employer	:	***POSCO Engineering***
Position	:	*Welder Gtaw All*
Project	:	*PG & DPG Project*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*
Period	:	***August 13, 2011***
Employer	:	***Bechtel***
Position	:	*Welder Gtaw + Smaw*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*

EXPERIENCE

Period	:	***January 19, 2010***
Employer	:	***(CIS) Cooper International Engineering & Services Co., Ltd***
Position	:	*Welder Gtaw*
Project	:	*430205 (Oman)*
Job Type	:	*Schmidt + Clemens*
Role/Responsibility	:	*Welding the job as per welding assign.*
	:	*Welding the job follow WPS.*


Passport No.
AC8172964
OFFICIAL OBSERVATIONS
The holder of this passport has previously travelled on Passport No. AD0604413 issued by the Ministry of Foreign Affairs in Bangkok on 09 JAN 2023.
Passport Division, Bangkok
KINGDOM OF THAILAND
ราชอาณาจักรไทย
PASSPORT
หนังสือเดินทาง
Type / ชนิด
PP
Country Code / รหัสประเทศ
THA
Passport No. / หนังสือเดินทางเลขที่
AC8172964
Surname / นามสกุล
PROMTHONG
Title / Name / คำนำหน้าชื่อ / ชื่อ
MR. SAMORN
Name in Thai / ชื่อภาษาไทย
นาย สมร พรมทอง
Nationality / สัญชาติ
THAI
Date of Birth / วันเกิด
18 DEC 1982
Identification No. / เลขประจำตัวประชาชน
3411700501969
Sex / เพศ
M
Place of Birth / สถานที่เกิด
UDON THANI
Height / ส่วนสูง
1.65M
Date of Issue / วันที่ออก
11 DEC 2025
Issuing Authority / ออกให้โดย
MINISTRY OF FOREIGN AFFAIRS
Holder's Signature / ลายมือชื่อผู้ถือหนังสือเดินทาง
Date of Expiry / วันที่หมดอายุ
10 DEC 2035
PPTHAPROMTHONG<<SAMORN<<<<<<<<<<<<<<<<<<<<<<
AC81729649THA8212188M3512104341700501969<06

ใบสำคัญการสมรส

แสดงว่า

นายสมร พรมทอง

กับ

น.ส.พรรณภา ไชยมงคล

ได้จดทะเบียนสมรส

ณ สำนักทะเบียน อำเภอบ่อเกลือ

จังหวัด น่าน

เลขทะเบียนที่ ๓๕/๒๐๙๘

เมื่อวันที่ ๒๘ **เดือน** ธันวาคม **พ.ศ.** ๒๕๖๕

(นายวัชรวิศาสุง)

ปลัดอำเภอ (เจ้าพนักงานปกครองอำเภอบ่อเกลือ) รักษาราชการแทน

นายอำเภอบ่อเกลือ

นายทะเบียน

600182820

CHEMO AHARON
ENERGY INFRASTRUCTURES

THAI ASIA PLUS CO.,LTD

Certificate of Competent

This completion certificate is awarded to

Mr.SAMORN PROMTHONG

Has attended and successfully completed a Training Course in

The Duties of Mobile Crane Operator (Hiab Truck), Signal Person and Rigger

Training Date: 15 – 16 February 2023 Expiry Date: 16 February 2025

2 Days Duration

Certificate No. Crane2023 1 030

Mr. Phuchit Chaiyasert	Mr.Jarukit Taepho	Mr. Nasit Klaharn	Mr.Somchat Nakbunjong
Instructor	Instructor	Managing Director/THAp	Managing Director/KTC

CHEMO AHARON
ENERGY INFRASTRUCTURES

THAI ASIA PLUS CO.,LTD
บริษัท ไทยเอเชีย พลัส จำกัด

Certificate of Competent

This completion certificate is awarded to

Mr.SAMORN PROMTHONG

Has attended and successfully completed a Training Course in

WORK AT HEIGHT AND ADVANCED SCAFFOLDING

Ref. BS EN 12811-1:2003 and SG4:15

Training Date: 11 – 12 February 2023 Expiry Date: 12 February 2025

2 Days Duration

Certificate No. SCF2023 1 029

Mr. Nitikorn Khamhom	Ms.Poonsap Sriarunjanrean	Mr. Nasit Klaharn	Mr.Somchat Nakbunjong
Instructor	Instructor	Managing Director/THAp	Managing Director/KTC

PTT Global Chemical Public Co., Ltd RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Repairing of Centerpipe WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 27-Sep-17



EXTENT QUALIFICATION

CIS COOPER INTERNATIONAL ENGINEERING & SERVICES CO.,LTD.

WELDER & WELDING OPERATOR IDENTIFICATION CARD



CIS Welder I.D. :	SC-1402
Identification :	3411700501969
Name :	MR. Samorn Promthong
Date of Issue	19-Jan-2010

CIS | CUEL | CHEVRON

CODE	PROCESS	MAT'S	DIA. Range	Thk(mm) Range	POSITION
ASME	SMAW+GTAW	C/S	≥ 2 7/8"	8+13.94 Max.	ALL
ASME	GTAW	C/S	≥ 1"	11.06 Max.	ALL

A CLASS WELDER IDENTIFICATION

Kusile Power station

Mitsubishi Hitachi Power Systems Africa



Name:	Promthong Samorn
Welder No	KKL727
Company	MHPSA

Date/Sign Company: 1 NOV 2016

Date/Sign MHPSA: 2016 -11- 10 QA MHPSA

Ranges Qualified

Code: Process	Material groups	Thickness From	Thickness To	Diameter From	Diameter To	Product Type	Type of Weld	Positions	Valid Until
EN ISO 9606-1 TIG	1.1, 1.2, 1.3, 1.4, 2, 3, 4, 5, 6, 7, 9.1, 11	1	37.6	25	Above	Plates and Pipes	Butt only	All except downwards	20-Aug-2018

Holder of this document can work on project Kusile Power Station in relation to welders and certificates. Welder owns this document by welding on site

PHENOL BECHTEL posco ENGINEERING

WELDER QUALIFICATION ID CARD

Welder Name : Mr. Samorn P.

National ID No : 3 4117 60501 96 9

Welder No. : PET-P-WD-048

Issue Date : 9-Jun-2015



Approved by

Signature By PET QA/QC Mgr.

Signature by OWNER/PMC

Steel Structure	CS	Alloy	Stainless

QUALIFICATION RANGE OF WELDING

Process	P-NO.	Range		Position		Date
		Thk (mm.)	Dia (inch)	Groove	Fillet	Qualified
GTAW	1 to 1	7.82	[illegible] & Underlined	All (Up)	All (Up)	18 Jul 14
GTAW+SMAW	1 to 1	14.22	[illegible] & Underlined	All (Up)	All (Up)	18 Jul 14
GTAW	8 to 8	7.82	[illegible] & Underlined	All (Up)	All (Up)	3 Sep 14

This is to certify that the above mentioned person was qualied as the welder or welding operator in accordance with applicable code and standard

Thaioil

Welder Certification Card

Anan Timmaneechay

Project Name : Thai Oil Clean Fuel Project (TOP)



Welder No. : CAZ-P-020

Welder Name : MR.SAMORN PROMTHONG

Certified by : MR.PARINYA T.

Date : 30-May-2021

Approved by :

Date : 1 Jun 21

STAINLESS STEEL

1 JUN 2021

FO-QC-17-00

WPS No.	CAZ-GS-017/2	
Applicable Code	ASME IX	
Material	SS	
(P. No.)	P-No. 8	
Process	GTAW + SMAW	
Position	ALL	
Thickness Range	GTAW = 6.0 mm. (Max.)	
Filler Metal	ALL F-No.6 & F-No.5	
Diameter Range	2-7/8"(73 mm.) O.D. and Over	

FO-QC-17-00

SC Schmidt + Clemens RNC

WELDER QUALIFICATION CARD

PROJECT NAME : 430205 (Oman) WELDER NO.W-444

WELDER NAME : Mr. Samorn Pr

AUTHORIZED BY : Miss.Chayanit L.

APPROVED BY :

APPROVED DATE : 30-1-19



EXTENT QUALIFICATION

[illegible]	PROCESS	MATERIAL	AWS	[illegible]	DIA RANGE	THK RANGE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	GTAW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HMC Polymers

HMC PP-4 Project

Welder Identification Card

GS E&C



ID No.	3 4117 00501 98 9 SUD-132
Name	Mr.Samorn Promthong
Date Qualified	16/6/2021

This is to certify the above person is qualified in accordance with ASME BOILER AND PRESSURE VESSEL CODE

Subcontractor Contractor Owner

Sungdo Thai Engineering & Construction Co., Ltd.

Qualification Details

Name: Mr.Samorn Promthong ID No. : 3 4117 00501 98 9

Process	Material	Electrodes	Range Thk.	Range Dia.	Position	Date Qualified
GTAW	P-1 through P-15F,P-34, and P-41through P-48	SFA-5.18	11.08 mm (max)	1" OD to Unlimited	All	16/6/2021
GTAW+SMAW	P-1 through P-15F,P-34, and P-41through P-48	SFA-5.18+5.1	21.94 mm (max)	2 7/8"OD to Unlimited	All	16/6/2021

Valid Up to :

"Thickness in mm" & "Diameter in Inches"

SCG Rayong Olefins Company Limited RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY : Mr. Methee T

APPROVED DATE : 27-Feb-18



EXTENT QUALIFICATION

WPS NO	PROCESS	MATERIAL	AWS	POSITION	DIA RANGE	THK RANGE
[illegible]	GTAW	SA 312 TP 316 L	ER316L	5G	OD 1.2" Unlimited	Up to 7.46 mm.
RNC-WPS-047	GTAW	SA 312 TP 316 L (U-bend)	ER316L	5G	OD 1" Unlimited	Up to 7.82 mm.
RNC-WPS-047	GTAW	SA 106 Gr. B	ER70S-6	6G	OD 1" Unlimited	Up to 11.08 mm.
RNC-WPS-047	GTAW	SA 106 Gr. B (U-bend)	ER70S-6	5G	OD 2 7/8" Unlimited	Up to 14.22 mm.
RNC-WPS-075	GTAW	[illegible]	[illegible]	6G	OD 1" Unlimited	Up to 11.08 mm.
GTAW-N [illegible]	GTAW	[illegible]	[illegible]	6G	OD 1" Unlimited	Up to 11.08 mm.

SCG

Welder Qualification Card

posco ENGINEERING



Project Name : PG & DPG Project
ID Number : HWT-034
Welder Name : Mr. Samon P.
Reference : ASME Sec.IX 2007Ed.
Issued By : Posco Engineering

QUALITY ASSURANCE WITNESSED REVIEWED

Approved By

Posco/Date

SCG/Date 03 Jan 13

Qualification Details

Process	Mat'l	Range		Position	Date Qualified
		Thk	Dia		
GTAW	P-No.1	3.91	Max.7.82	All	21-Jun-12
GTAW	P-No.8	2.77	Max.5.54	All	21-Jun-12

pttME

PTT Maintenance and Engineering co.,Ltd.

Welder Qualified Card

TAC Thai Alliance



WELDER NAME : Mr. Samorn P.
CITIZEN ID. : 3-4117-00501-96-9
WELDER NO : TAC-J152-PP-010

No.2

AUTHORIZED BY :

APPROVED BY : Issue Date : 17/9/2013

Citizen ID.: 3-4117-00501-96-9		Welder No. : TAC-J152-PP-010			
WPS No.	Welding Process	Base Metal		Filler Metal		Position
		P-No.	Pipe Dia. (NPS)	Weld deposit. max.(MM.)	F. No.	
TAC-SW-001-2011	GTAW	P-No. 8	OD 1" to Unlimited	7.82 mm	F-No. 6	All

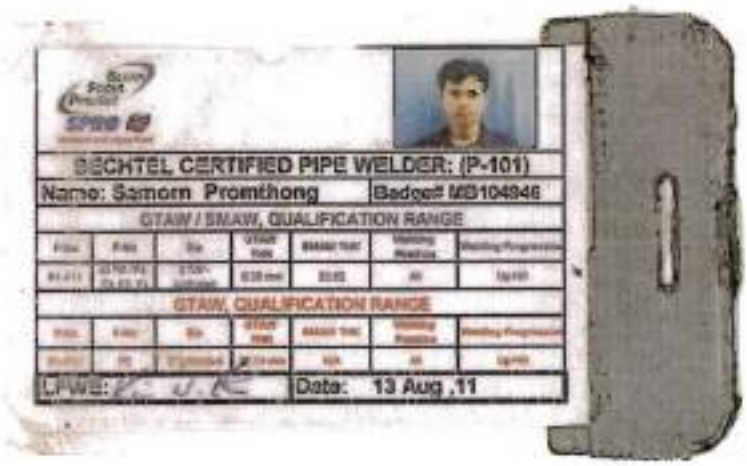
Authorized Signature

No.2

Approved by : PTTME

Date: 17

Date: 17/9/2013



BECHTEL CERTIFIED PIPE WELDER: (P-101)

Name: Samorn Promthong Badge# MB104946

GTAW / SMAW, QUALIFICATION RANGE

GTAW, QUALIFICATION RANGE

LPWE:

Date: 13 Aug ,11

WPS No.	CAZ-G-036/1	
Applicable Code	ASME IX	
Material	CS	
(P. No.)	P-No. 1	
Process	GTAW	
Position	ALL	
Thickness Range	9.56 mm. (Max.)	
Filler Metal	ALL F-No.6	
Diameter Range	Size welded to Unlimited	

FO-QC-17-00

Welder Certification Card

Project Name : Thai Oil Clean Fuel Project (TOP)



Welder No. : CAZ-P-020

Welder Name : MR.SAMORN PR.

Certified by : MR.TEERASAK S.

Date 18-Sep-2020

Approved by : Date 21-09-20

24 SEP 2020

CARBON

FO-QC-17-00

WPS No.	CAZ-GS-017/2	
Applicable Code	ASME IX	
Material	SS	
(P. No.)	P-No. 8	
Process	GTAW + SMAW	
Position	ALL	
Thickness Range	GTAW = 6.0 mm. (Max.)	
Filler Metal	ALL F-No.6 & F-No.5	
Diameter Range	2-7/8"(73 mm.) O.D. and Over	

FO-QC-17-00

Welder Certification Card

Anan Timmaneechay

Project Name : Thai Oil Clean Fuel Project (TOP)



Welder No. : CAZ-P-020

Welder Name : MR.SAMORN PROMTHONG

Certified by : MR.PARINYA T.

Date 20-May-2021

Approved by : Date 1 Jun 21

1 JUN

STAINLESS STEEL

FO-QC-17-00

WPS No.	CAZ-G-022	CAZ-GS-006
Applicable Code	ASME IX	ASME IX
Material	CS	CS
(P. No.)	P-No. 1	P-No. 1
Process	GTAW	GTAW + SMAW
Position	ALL	ALL
Thickness Range	11.08 mm. (Max.)	GTAW = 6.0 mm. (Max.) SMAW = Max. to be Welded
Filler Metal	ALL F-No.6	ALL F-No.6 & F-No.4,3,2,1
Diameter Range	OD. 1" (25 mm.) to Unlimited	2-7/8"(73 mm.) O.D. and Over

FO-QC-17-00

Welder Certification Card

Project Name : Thai Oil Clean Fuel Project (TOP)



Welder No. CAZ-P-020

Welder Name : MR.SAMORN PR.

Certified by MR.TEERASAK S.

Date 21-Aug-2020

Approved by Date 27-08-2020

28 AUG 2020

CARBON

FO-QC-17-00

QUALIFICATION RANGE OF WELDING

Process	P-NO.	Range		Position		Date
		Thk (mm.)	Dia (inch)	Groove	Fillet	Qualified
GTAW	1 to 1	7.82	OD 1" & Unlimited	All (Up)	All (Up)	18 Jul 14
GTAW + SMAW	1 to 1	14.22	OD 2 7/8" & Unlimited	All (Up)	All (Up)	18 Jul 14
GTAW	8 to 8	2.82	OD 1" & Unlimited	All (Up)	All (Up)	3 Sep 14

This is to certify that the above mentioned person was qualied as the welder or welding operator in accordance with applicable code and standard

PHENOL SICHTEL POSCO ENGINEERING

WELDER QUALIFICATION ID CARD

Welder Name : Mr. Samorn P.

National ID No : 3 4117 00501 96 9

Welder No. : PET-P-WD-048

Issue Date : 9-Jun-2015



Approved by

Signature By PET QA/QC Mgr.

Signature by OWNER/PMC

WPS No.	CAZ-G-021	
Applicable Code	ASME IX	
Material	SS	
P-No.	P-No. 8	
Process	GTAW	
Position	ALL	
Thickness Range	11.08 mm. (Max.)	
Filler Metal	ALL F-No.6	
Diameter Range	OD. 1" (25 mm.) to Unlimited	

Prasongsuda Sirathat
28 AUG 2020
QA/QC Engineer
SECHTELIPMC

FO-QC-17-00

Welder Certification Card

Project Name : Thai Oil Clean Fuel Project (TOP)



Welder No. CAZ-P-020
Welder Name . MR.SANORN PR

Certified by : MR.TEERASAK S.
Date 22-Aug-2020
Approved by
Date 27-08-2020

FO-QC-17-00

Ranges Qualified

Code: Process	Material groups	Thickness From	Thickness To	Diameter From	Diameter To	Product Type	Type of Weld	Positions	Valid Until
ISO 287-1: TIG	1.1, 1.2, 1.3, 1.4, 2, 3, 4, 5, 6, 7, 9.1, 11	1	17.6	25	Above	Plates and Pipes	Butts only	All except downwards	20-Aug-2018

Holder of this document can weld on project Kuzile Power Station in relation to abstract and certificate. Welder should have this document by welding on site

A CLASS WELDER IDENTIFICATION

Kuzile Power station

Mitsubishi Hitachi Power Systems Africa



Name:	Pramthong Samorn
Welder No:	KX1727
Company	MHPE

Date/Sign Company: 28 NOV 2016
Date/Sign MHPSA: 2016 - 11 - 10 QA MHPSA

WELDING PROCESS	GTAW
POSITION	ALL
MATERIAL	A312 Gr.TP316L & Equivalent
P-NO	P-No.1 through P-No.15F,P-No.34 & P-No.41 through P-No.49
DIAMETER	NPS 3/4" & Over
THK. mm.	7.82 mm.
FILLER METAL	ER308L
F-NO.	F-No. 6
EXPIRED DATE	23-Nov-13

QUALIFIED WELDER CARD

TOYO-THAI CORPORATION PUBLIC COMPANY LIMITED

QTEC



PROJECT NAME : RUNG TAWAN PROJECT
COMPANY NAME : QUALITECH ENGINEERING & CONTRUCTION CO.,LTD
WELDER NAME : Mr.Samorn P.
ID. Card No. 4117 00501 96 9
WELDER No. P315-083
ISSUED DATE : 23-Nov-12
ISSUED BY : APPROVED BY :

QA/QC Department

WPS No.	TWRE-051-001	TWRE-052		
Applicable Code	ASME IX	ASME IX		
Material	SS	SS		
(P. NO)	P. NO 8	P. NO 8		
Process	GTAW	GTAW+SMAW		
Position	All	All		
Thickness Range	16.98mm.(Max)	14.30mm.(Max)		
Filler Metal	ER NiCr-3	E NiCrFe-3		
	F43	F43		
Diameter Range	NPS 2.5"-Over	NPS 2.5"-Over		

Welder Certification Card

WE



Project name MOC CRACKING FURNACE UNIT
Welder No. WE-020
Welder Name MR. SAMORN P.
Certified by (TWRE)
Date
Certified by (TECHNIP)
Date NOV-10-05

Qualified Ranges

ASME Sec. IX 2015

Process	GTAW	GTAW
Base Metals (*)	P-4 + P-4	P15E + P15E
Diameter	1" to Unlimited	1" to Unlimited
Thk. (mm.)	10 mm.	6.6 mm.
F-No.	F-6	F-6
Position	6G	6G
Current	DCEN	DCEN
Backing	With Gas (Ar.)	With Gas (Ar.)

(*) Qualified ranges : P-1 to P-15F, P-34, P-41 to P-49

CMI-THAI

WELDER QUALIFICATION CARD
WESTMORELAND PROJECT

MOOTER/ERIKSEN



Name	:	Mr. Samorn Promthong
Welder No.	:	WJ-053
ID Card No.	:	3 4117 00501 96 9
Certificate No.	:	WJ053-GT-P4, WJ053-GT-P15E
Issue Date	:	March 3, 2017

Certified by | Approved by | Approved by

RANGE QUALIFIED		
WELDING PROCESS	GTAW	
POSITION	ALL	
MATERIAL	SS	
P-NO.	P-No.8	
DIAMETER	Pipe OD. 25 mm. and Over	
WELD THICKNESS (MAX.)	11.08 mm. (Max)	
AWS CLASSIFICATION	ER308L	
F-NO.	ALL F-No.6	
VALID DATE	9-Jan-2020	

GC

PROJECT NAME : OLEFINS RECONFIGURATION PROJECT
COMPANY NAME : CAZ (THAILAND) PCL
WELDER NAME : MR.SAMORN P.
WELDER NO. CAZ-P-302
ID. NO. : 3-4117-00501-96-9
ISSUED DATE : 9-Jan-2020



ISSUED BY :
STAINLESS STEEL

APPROVED BY :

Qualification Details

Process	Mat'l	Range		Position	Date Qualified
		Tnk.	Dia		
GTAW	A312 TP304L/316L	1.6~7.82 mm. Max	60.3mm.	6G	23 Dec 08
	A312 TP321				

Welder Qualification Card



Project Name	:	HMC PP Project Line-3
ID Number	:	HMC/GS/BS/056
Welder Name	:	MR. SAMORN P.
Reference	:	ASME Sec. IX 2007
Issued By	:	GS E&C Thai Co.,Ltd
Approved By	:	JAN 2009

Quality Manager | Date

QUALIFIED WELDING DATA

CODE/ SPEC	WELDING PROCESS	THICKNESS OF WELD METAL	OUTSIDE DIAMETER	MATERIAL GROUP	F NO	WELDING POSITION	REF. ROW No.
ASME IX	GTAW	11.08 mm (MAX)	1" AND OVER	P1 TO P11	43	ALL	881
ASME IX	GTAW+SMAW	6mm - 22.54mm	2 7/8" AND OVER	P1 TO P11	6.4	ALL	884

VATANA PHAISAL ENGINEERING CO.,LTD.

WELDER QUALIFICATION CARD



ชื่อ นาย สมร พรมทอง

NAME MR. SAMORN P.

W7-MDY-057

CERTIFIED BY :

ISSUED DATE: 23-05-11

EXPIRED DATE: 31-12-11

EXTENT QUALIFICATION

WPS NO	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE
RNC-WPS-002	GTAW	SA 312 TP 316 L	ER316L	5G	OD 1/2" Unlimited	Up to 7.48 mm
RNC-WPS-007	GTAW	SA 312 TP 316 L (U-band)	ER316L	5G	OD 1" Unlimited	Up to 7.82 mm
RNC-WPS-[illegible]	GTAW	[illegible]	[illegible]	[illegible]	OD 1" Unlimited	Up to 11.00 mm
RNC-WPS-017	GTAW	SA 106 Gr. B (U-band)	ER70S-6	5G	OD 2 7/8" Unlimited	Up to 14.22 mm
RNC-WPS-025	GTAW	[illegible]	[illegible]	6G	OD 1" Unlimited	Up to 11.00 mm
GTAW W/ [illegible]	GTAW	[illegible]	[illegible]	6G	OD 1" Unlimited	Up to 11.00 mm

SCG CHEMICALS — Rayong Olefins Company Limited — RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC

WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY : Mr. Melkar T

APPROVED DATE : 27-Feb-18



EXTENT QUALIFICATION

WPS NO	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE
[illegible]	GTAW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TPC — Rayong Engineering & Plant Service Co., Ltd. — RNC

WELDER QUALIFICATION CARD

PROJECT NAME : PVC8

WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY : [illegible]

APPROVED DATE : 26-Jun-17



EXTENT QUALIFICATION

WPS NO	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE
RNC-WPS-007	GTAW	SA 312 TP 316 L	ER316L	5G	OD 1" Unlimited	Up to 7.48 mm
RNC-WPS-017	GTAW	SA 106 Gr. B	ER70S-6	5G	OD 1" Unlimited	Up to 11.00 mm
RNC-WPS-025	GTAW	[illegible]	[illegible]	6G	OD 1" Unlimited	Up to 11.00 mm

SCG CHEMICALS — Rayong Olefins Company Limited — RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC

WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY : [illegible]

APPROVED DATE : 31-Jan-18



EXTENT QUALIFICATION

WPS NO.	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE

SCG CHEMICALS *Rayong Olefins Company Limited* RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 31-Jan-18



EXTENT QUALIFICATION

WPS NO.	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE
	GTAW					

SCG CHEMICALS *Map Ta Phut Olefins Company Limited* RNC

WELDER QUALIFICATION CARD

PROJECT NAME : MOC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 5-Jul-17



EXTENT QUALIFICATION

WPS NO.	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE
	GTAW					
	GTAW					
	GTAW					
	GTAW					

SCG CHEMICALS *Rayong Olefins Company Limited* RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 20-Feb-18



EXTENT QUALIFICATION

WPS NO.	PROCESS	MATERIAL	AWS	POSITION	DIA.RANGE	THK.RANGE

SCG CHEMICALS *Rayong Olefins Company Limited* RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Furnace Revamp H-120R ROC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 25-Dec-17



EXTENT QUALIFICATION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GC PTT Global Chemical Public Co., Ltd. RNC

WELDER QUALIFICATION CARD

PROJECT NAME : [illegible]

WELDER NO.W-444



WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Miss.Chayanit L.

APPROVED BY :

APPROVED DATE : 20-7-18

EXTENT QUALIFICATION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

---

ptt PTT Global Chemical Public Co., Ltd. RNC

WELDER QUALIFICATION CARD

PROJECT NAME : [illegible]

WELDER NO.W-444



WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Miss.Chayanit L.

APPROVED BY :

APPROVED DATE : 17-May-18

EXTENT QUALIFICATION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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ptt PTT Global Chemical Public Co., Ltd. RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Repairing of Centerpipe

WELDER NO.W-444



WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaitat S.

APPROVED BY :

APPROVED DATE : 27-Sep-17

EXTENT QUALIFICATION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ptt GLOBAL CHEMICAL

Nattharyan A.

Quality Assurance and Inspection Division

GC TOC Glycol Co., Ltd. RNC

WELDER QUALIFICATION CARD

PROJECT NAME : GC GLYCOL

WELDER NO.W-444



WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Miss.Chayanit L.

APPROVED BY :

APPROVED DATE : 21-12-18

EXTENT QUALIFICATION

PTT Global Chemical Public Co., Ltd. RNC

WELDER QUALIFICATION CARD

PROJECT NAME : PTTGC WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaiwat S.

APPROVED BY : Quality Assurance and Inspection Division

APPROVED DATE : 14-Nov-17



EXTENT QUALIFICATION

VINYTHAI Vinythai Company Limited RNC

WELDER QUALIFICATION CARD

PROJECT NAME : Vinythai WELDER NO.W-444

WELDER NAME : Mr.Samorn P.

AUTHORIZED BY : Mr.Chaiyasit L.

APPROVED BY :

APPROVED DATE : 05-May-18



Welding Qualifications

WPS	Max Thickness GTAW	Max Thickness SMAW	Max Thickness FCW	Min Dia	Size	Renewal Date
8-8-A-21-1	6	8.22		73	6"	27-Jan-09
8-8-A-2-1	7.82			60.3	2"	27-Jan-09
1-1-AC-21-1	6	8.22		73	6"	27-Jan-09
1-1-A-1-1	6.76			33.4	1"	3-Mar-09
1-1-C-2-1	7.82			60.3	2"	3-Mar-09

* Note: Qualification expiry date, is one month after Renewal date.

HydraArc

Name	Init	ID No	Stamp No
PROMTHONG	S	U737651	4649

HYDRA-ARC QAD

TESTED BY: STUART (TRAINING MANAGE

SEPTEMBER SHUTDOWN 2008

Welding Qualifications

WPS	Max Thickness GTAW	Max Thickness SMAW	Max Thickness FCW	Min Dia	Size	Renewal Date
8-8-A-21-1	3.11	4		168.3	6"	22-Jan-10
1-1-AC-21-1	3.11	4		168.3	6"	22-Jan-10
8-8-A-2-1	7.82			60.3	2"	22-Jan-10
1-1-C-2-1	7.82			60.3	2"	22-Jan-10
1-1-A-2-1	3.38			33.4	1"	22-Jan-10

* Note: Qualification expiry date, is one month after Renewal date.

HydraArc

WELDER COMPETENCE CARD

Name	Init	ID No	Stamp No
PROMTHONG	S	3411700501 969	4649

TESTED AND ACCEPTED BY:

R. STUART

SHUTDOWN 2009

ASSESOR NO:AC/07/M00290

Citizen ID. : 3-4117-00501-96-9		Welder No. : TAC-J152-PP-010				
WPS No.	Welding Process	Base Metal		Filler Metal		Position
		P-No.	Pipe Dia. (NPS)	Weld deposit. max.(MM.)	F. No.	
TAC-SW-001-2011	GTAW	P-No. 8	OD 1" to Unlimited	7.82 mm	F-No. 6	All
Authorized by :		Approved by : PTTME				
Date: 19		Date: 17/9/2013				

PTT Maintenance and Engineering co.,Ltd.

Welder Qualified Card

TAC Thai Alliance

WELDER NAME : Mr. Samorn P.

CITIZEN ID. : 3-4117-00501-96-9

WELDER NO : TAC-J152-PP-010

AUTHORIZED BY :

APPROVED BY : Issue Date : 17/9/2013

This card remains the property of (Schmidt+Clemens) and must be surrendered upon demobilization. This card must be displayed permanently and should be produced upon request by any authorized person.

THE HOLDER OF THIS BADGE IS ENTITLED TO ENTER OMC FACILITY ONLY

This card is valid untill: 15.05.2019

OMC Control Room: 26865 (842)
OMC Security : 26865 (895)
OMC Fire Department: 26865 (888)

"Stay Alert Don't Get Hurt!"

Emergency Contact Number: 888

SC Schmidt+Clemens

Entry Badge No: ID-117919567
Employee Name: SAMORN PROMTHONG
Visa/ Residency Permit: 117919567
Craft/ Discipline: Welder (W24)
Blood Group: B+
Trainings Undergone:

WELDING PROCESS	GTAW	GTAW+SMAW		
POSITION	ALL	ALL		
MATERIAL	A106 Gr.B & Equivalent	A106 Gr.B & Equivalent		
P-NO	P-No.1 through P-No.15F,P-No.34 & P-No.41 through P-No.49	P-No.1 through P-No.15F,P-No.34 & P-No.41 through P-No.49		
DIAMETER	NPS 3/4" & Over	NPS 2 ½" & Over		
THK. mm.	7.82 mm.	14.22 mm.		
FILLER METAL	ER70S-G	ER70S-G + E7016		
F-NO.	F-No. 6	F-No 6+4		
EXPERED DATE	22-Oct-13	22-Oct-13		

บริษัท โทโย-ไทย คอร์porเรชั่น จำกัด (มหาชน)
TOYO-THAI CORPORATION PUBLIC COMPANY LIMITED

QTEC

QUALIFIED WELDER CARD

PROJECT NAME : RUNG TAWAN PROJECT

COMPANY NAME : QUALITECH ENGINEERING & CONSTRUCTION CO.,LTD

WELDER NAME : Mr.Samorn P.

ID. Card No : 3-4117 00501 96 9

WELDER No : P315-083

ISSUED DATE : 22-Oct-12

ISSUED BY : APPROVED BY

Qualification Details

Process	Mat'l	Range		Position	Date Qualified
		Thk.	Dia		
GTAW	P-No.1	3.91	Max.7.82	All	21-Jun-12
GTAW	P-No.8	2.77	Max.6.64	All	21-Jun-12

SCG

Welder Qualification Card

posco ENGINEERING

Project Name : PG & DPG Project

ID Number : HWT-034

Welder Name : Mr. Samon P.

Reference : ASME Sec.IX 2007Ed.

Issued By : Posco Engineering

Approved By :

QUALITY ASSURANCE WITNESSED REVIEWED

Posco/Date

SCG/Date

Douglas Roberts Centre
22 Skeen Boulevard
Bedfordview, 2007
P.O. Box 3040
Bedfordview, 2008
South Africa
Tel: + 27 11 456 1000
Fax: + 27 11 455 1264
Email: info.projects@murrob.com
Web: www.projects.murrob.com



K1727

Date: **February 17th, 2017**

CERTIFICATE OF THE EMPLOYMENT

TO WHOM IT MAY CONCERN

Dear Sir,

This certificate is to certify that ***MR. Samorn Promthong*** *with holding passport number* ***AA 4096926***

He was employed by Murray & Roberts Power & Energy (MRPE) and work assigned as ***"A" CLASS WELDER*** *for KUSILE Power Station Project, to perform welding on Boiler tubes and interconnecting pipes, heavy wall pipes (H.P.) with various piping material like, carbon steel, alloy P22, P91 etc.*

The MRPE have responsible to construction 6 units of coal-fired boilers with total capacity about 800 Megawatts for each unit, and KUSILE Power Station was located in Witbank town Mpumalanga province, South Africa.

The employment period was started from ***25th August 2016 until 19th February2017***

He had proved to be good and hardworking employee, good efficiency and diligent in his assigned duties and responsibilities, he has also given to the Company a satisfaction towards his performances.

We would without hesitate to recommend ***MR. CHANAI SUEBSAO*** *any further employer to hire in a similar or equivalent position and he would be a good asset to any Companies.*

Yours faithfully,

Hannes Hattingh
Welding Manager
KUSILE Power Station Project
Murray & Roberts Project
www.projects.murrob.com

RNC RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

SCG CHEMICALS

WELDER PERFORMANCE QUALIFICATION (WPQ)

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



Welder's Name: Mr.Samorn P. Identification no.: W-444

Project Name: ROC Project

Test Description

Identificaylon of WPS followed: RNC-WPS-016 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base metal(s): SA 335 P11 Thickness: 3.91 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW	GTAW
Type (i.e.;manual,semi-automatic) used	Manual	Manual
Backing (with/without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	OD 2 ½"	OD 1" to Unlimited
Base metal P-Number to P-Number	P-No.1 to P-No.1	P-No.1 to P-No.15F
Filler metal or electrode specification (s) (SFA) (info.only)	5.28	
Filler metal or electrode classification(s) (info. Only)	ER80S-B2	
Filler metal F-Number (s)	F-No.6	F-No.6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No.	5.54 mm.	Maximum 7.82 mm.
Process 2 ____ 3 layers minimum ☐ Yes ☐ No.	N/A	N/A
Position qualified (2G, 6G, 3F, etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	None	None
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. WQT-S-009 RT ■ or UT ☐(check one)

Fillet weld fracture test (QW-181.2): - Length and percent of defects: -

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

Macro examination (QW-184): - Fillet size (in): - Concavity/convexity (in): -

Other: -

Film or specimens evaluated by: - Company: PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Machanecal test conducted by: - Laboratory test no.: -

Welding supervised by: -

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 BOILERAND PRESSURE VESSEL CODE.**

Prepared: [signature] (Welding Engineer)

Certified by: [signature] (QA) QC Manager) Approved by: [signature] (Owner)

Exhibit 9.3 Rev.0

RNC RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

ptt GLOBAL CHEMICAL

WELDER PERFORMANCE QUALIFICATION (WPQ)

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



Welder's Name: Mr.Samorn P. Identification no.: W-444

Project Name: PTTGC

Test Description

Identificayion of WPS followed: RNC-WPS-007 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base metal(s): SA 312 TP 316 L Thickness: 5.54 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW	GTAW
Type (i.e.;manual,semi-autonatic) used	Manual	Manual
Backing (with/without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	NPS 2"	OD 1" to Unlimited
Base metal P-Number to P-Number	P-No.8 to P-No.8	P-No.1 through P-No.15F
Filler metal or electrode specification (s) (SFA) (info.only)	5.9	
Filler metal or electrode classification(s) (info. Only)	ER316L	
Filler metal F-Number (s)	F-No.6	F-No.6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No.	5.54 mm.	Maximum 11.08 mm.
Process 2 _____ 3 layers minimum ☐ Yes ☐ No.	N/A	N/A
Position qualified (2G, 6G, 3F, etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	With Backing	With or Without Backing
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. RT-WQT-S-038 RT ■ or UT ☐ (check one)

Fillet weld-fracture test (QW-181.2): - Length and percent of defects: -

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

Macro examination (QW-184): - Fillet size (in): - Concavity/convexity (in): -

Other: -

Film or specimens avaluated by: - Company: PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Mechanacal test conducted by: - Laboratory test no.: -

Welding supervised by: -

We certify that the sratements in this record are correct and that the test coupons ware prepared, Welded,and tested in accordance with the requirements of Section IX of the **ASME BOILERAND PRESSURE VESSEL CODE.**

Prepared: 11-Nov-17 (Welding Engineer)

Certified by: 14-11-2017 (QA / QC Manager)

Approved by: ptt GLOBAL CHEMICAL Suradej R. Quality Assurance and Inspection Division 18.11.17 (Owner)

WELDER PERFORMANCE QUALIFICATION (WPQ)

ptt GLOBAL CHEMICAL — POSCO ENGINEERING



Welder Name: Samom P. Identification No.: PET-P-W-048

Test Description

Identification to WPS followed	WPS_GT-8.8-A101	■ Test coupon	☐ Production weld
Specification of base metal(s)	A312 TP304/A312 TP304L	Thickess	3.91 mm

Testing Conditions and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Weldind process(es)	GTAW	GTAW
Type(is:manual' semi -auto)used	Manual	Manual
Backing (metal,weld metal,double-welder,etc.)	Without	Without
☐ Plate ■ Pipe(enter diameter if pipe or tube).	NPS 2"	NPS 3/4" – Unlimited
Base metal P or S-Numer to P-or S-Number	P-8	P-8
Filler metal or electrode specification(s)(SFA)(info only)	5.9	5.9
Filler metal or electrode classification(s)(info only)	ER308L	ER308/ER308L(or EQ.)
Filler metal F-Number(s)	6	6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler type (solid/metal or flux cored/powder)(GTAW or PAW)	N/A	N/A
Deposit thickness for each process		
Process 1 : GTAW 3 layers minimum ■ Yes ☐ No	3.91 mm	MAX. 7.82 mm
Process 2 : N/A 3 layers minimum ☐ Yes ☐ No	N/A	N/A
Position Qualified(2G,6G,3F,etc.)	6G	ALL
Vertical progression(uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	Ar99.99%	Ar99.99%
Transfer mode(spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DCEN	DCEN or AC

NOTE 1) Metal,weld metal, and double - welded / NOTE 2) Pipe 24"(610mm)O.D and over

NOTE 3) P-or S-No.1 through P-or S-No.11,P-or S-No.34, and P-or S-No.41 through P-or S-No.49

NOTE 4) Plate and pipe over 24"(610mm)O.D : F,H,V / 2 7/8"(73mm) O.D ≤ Pipe ≤ 24"(610mm) : F,H / FILLET (Plate&Pipe) : F, H, V

RESULTS

Visual Examination of Completed weld (QW-302.4) ACCEPTABLE

☐ Bend test ☐ Transverse root and face[QW-462.3(a)]: ☐ Longitudinal root and face[QW-462.3(b)]:

☐ Side(QW-462.2):

☐ Pipe bend specimen, corrosion-resistant overlay[QW-462.5(a)]:

☐ Pitea bend specimen,corrosion-resistant overlay[QW-462.5(d)]

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

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

Alternative radiographic examination results(QW-191) ACCEPTABLE Report No. : WQT-064

Fillet weld - fracture test (QW-180)	N/A	Length and percent of defects	N/A
Macro examination(QW-184)	N/A	Fillet size(in)	N/A
Concavity/convexity(in)			
Other tests	N/A		
Film or specimens evaluated by	Mr.Sarawut P.	Company	PAE Technical Service
Mechanical test conducted by	N/A	Laboratory test No.	N/A
Welding supervised by	PET / QA,QC		

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 Code.

PREPAER BY HYUN WOO (Thailand)	APPROVED BY PET / QA,QC	APPROVED BY PTTGC / QA,QC
HWT QA/QC SECTION ☐ INSPECTED ☐ PREPARED ☐ REVIEWED ☐ WITNESSED ☐ APPROVED	POSCO ENGINEERING ☐ WITNESSED ☐ REVIEWED QA/QC 2019-09-17	ptt Sugas K. Quality Assurance and Inspection Division

WELDER PERFORMANCE QUALIFICATION (WPQ)

Welder 'sName: Mr.Samon P. | Identification No.: HWT-034

Test Description

Identification fo WPS followed: WPS_GT-8.8-A101 | ■ Test coupon | ☐ Production weld

Specification of base metal(s): A312 TP304L | Thickess: 2.77 mm

Testing Conditions and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Weldind process(es)	GTAW	GTAW
Type(ie:manual' semi -auto)used	Manual	Manual
Backing (metal,weld metal,double-welder,etc.)	Without	Without
☐ Plate ■ Pipe(enter diameter if pipe or tube).	NPS 2"	NPS 3/4" ~ Unlimited
Base metal P or S-Numer to P-or S-Number	P-8	P-8
Filler metal or electrode specification(s)(SFA)(info only)	5.9	5.9
Filler metal or electrode classification(s)(info only)	ER308L	ER308L (or EQ.)
Filler metal F-Number(s)	6	6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler type (solid/metal or flux cored/powder)(GTAW or PAW)	N/A	N/A
Deposit thickness for each process		
Process 1 : GTAW 3 layers minimum ■ Yes ☐ No	2.77 mm	MAX. 5.54 mm
Process 2 : N/A 3 layers minimum ☐ Yes ☐ No	N/A	N/A
Position Qualified(2G,6G,3F,etc.)	6G	ALL
Vertical progression(uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	ARGON	ARGON
Transfer mode(spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DC & SP	DC & SP

NOTE 1) Metal,weld metal, and double - welded / **NOTE 2)** Pipe 24"(610mm)O.D and over

NOTE 3) P-or S-No.1 through P-or S-No.11,P-or S-No.34, and P-or S-No.41 through P-or S-No.49

NOTE 4) Plate and pipe over 24"(610mm)O.D : F,H,V / 2 7/8"(73mm) O.D ≤ Pipe ≤ 24"(610mm) : F,H / FILLET (Plate&Pipe) : F, H, V

RESULTS

Visual Examination of Completed weld (QW-302.4) **ACCEPTABLE**

☐ Bend test ☐ Transverse root and face[QW-462.3(a)]: ☐ Longitudinal root and face(QW-462.3(b)):

☐ Side(QW-462.2):

☐ Pipe bend specimen, corrosion-resistant overlay(QW-462.5(a)):

☐ Pttea bend specimen,corrosion-resistant overlay(QW-462.5(d))

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

Type	Result	Type	Result	Type	Result

Alternative radiographic examination results(QW-191) **ACCEPTABLE** | Report No. : WQT-HYUNWOO-019

Fillet weld - fracture test (QW-180): N/A | Length and percent of defects: N/A

Macro examination(QW-184): N/A | Fillet size(in): N/A

Concavity/convexity(in):

Other tests: N/A

Film or specimens evaluated by: Mr.Khomson J. | Company: DNT CARE ION TECH

Mechanical test conducted by: N/A | Laboratory test No.: N/A

Welding supervised by: Mr. Utai Somha. / Posco engineering QA/QC Inspector

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

Organization : Posco engineering Co.,Ltd.

Prepared By	Reviewed By	Certified By	Reviewed By SCG
Mr.Yasin Singka	Mr.Utai Somha	Mr.Hyunwoo Yun	05 July 2012
☐ INSPECTED ☐ PREPARED ☐ REVIEWED ☐ WITNESSED ☐ APPROVED	QUALITY CONTROL REVIEWED DATE	QUALITY ASSURANCE REVIEWED	

Welder Performance Qualification Test Record (ASME WR-1)

Page 1 of 1 Document No. 25488-210-GKW-GCE- 00202

Welders Name: Mr. Samorn Promthong Badge No. MB104946

Social Security Number : NA Symbol Assigned : P101

Job Name / Number : SPRC Clean Fuels Project / 25488 Test Type : Groove

Welding Process GTAW / SMAW WPS Used : P1-AT-Lh [BHN]

Base Material Specification : A106 Gr. B Thickness : 0.719"

Manual or Semi-automatic Variables / Each Process	Actual Values	Range Qualified
Backing (metal, weld metal etc.) [enter Yes or No]	F6-No / F4-Yes	F6-Without / F4-With
ASME P-No 1 to P-No 1		P1 – P11
☐Plate ☒Pipe	6" Sch 160	≥2 7/8" OD Pipe and all Fillets
Filler Material Spec. 5.18 Classification	ER70S-6	
Filler Material Spec. 5.1 Classification	E-7018	
Filler Metal F-No (Process # 1/ Process # 2)	F6, F4	F6, F4, F3, F2, F1
Filler Material Product Form(Solid, cored, flux cored)-GTA/PAW	Solid / Coated -Solid	Solid / Coated-Solid
Consumable Insert (for GTAW)[enter Yes or No]	No	N/A
Weld Deposit Thickness - Process # 1 Layers ≥ 3: Yes☐, No☒	0.125"	0.250"
Weld Deposit Thickness - Process # 2 Layers ≥ 3: Yes☒, No☐	0.594"	Unlimited
Welding Position	6G	All
Progression (uphill / downhill)	Uphill	Uphill
Shielding Gas	Argon	Argon
Backing Gas (Purge) [enter Yes or No]	No	With or Without gas
GMAW Transfer Mode	N/A	N/A
Welding Current-Type / Polarity(Process # 1 / Process # 2)	DC Straight & Reverse	DC Straight & Reverse

Machine Welding Variables / Each Process	Actual Values	Range Qualified
Direct / Remote Visual Controls	N/A	N/A
Automatic voltage control (AVC) for GTAW	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding Position	N/A	N/A
Consumable Insert	N/A	N/A
Multiple or single pass	N/A	N/A
Backing (metal, weld metal, welded from both sides)	N/A	N/A
Guided Bend Test Results ☐	N/A ☒ [See Below]	

INFORMATION ONLY

P	Position	No.	Specimen	Acc	Rej	Position	No.	Specimen	Acc	Rej
1	Axis of Pipe 5G	1	Root or Side	N/A	N/A	Axis of Pipe Vertical 2G		Root or Side	N/A	N/A
P	Horizontal ☐	2	Face or Side	N/A	N/A					
E	Axis of Pipe 6G	3	Root or Side	N/A	N/A			Face or Side	N/A	N/A
	45° ☐	4	Face or Side	N/A	N/A	☐				

P	Position	No.	Specimen	Acc	Rej	Position	No.	Specimen	Acc	Rej
L	Flat 1G		Root or Side	N/A	N/A	Vertical 3G		Root or Side	N/A	N/A
A	☐		Face or Side	N/A	N/A	☐		Face or Side	N/A	N/A
T	Horizontal 2G		Root or Side	N/A	N/A	Overhead 4G		Root or Side	N/A	N/A
E	☐		Face or Side	N/A	N/A	☐		Face or Side	N/A	N/A

Visual Examination : Acc ☒ Rej ☐

Fillet Weld Test Results : Fracture : Acc ☐ Rej ☐ N/A ☒

Macro : Acc ☐ Rej ☐ N/A ☒

Radiographic Test Results: Position 6G Acc ☒ Rej ☐ N/A ☐ Level II / III II

Liquid Penetrant Test Results : N/A

Welding Test Conducted By : Kim N. Kittrell Date Tested 13-Aug-2011

Mechanical Tests Conducted By : N/A Laboratory Test No. N/A

We certify that the statements made in this record are correct and that the test coupons were prepared, welded and tested in accordance with the requirements of ☒ ASME Section IX ☐ ANSI/AWS D1.1 Structural Welding Code-Steel

Remarks:

Date : 13-Aug-2011 By : Kim N. Kittrell: Kim N. K

Bechtel Field Welding Engineer

Welder Performance Qualification Test Record (ASME WR-1)

Page 1 of 1 Document No. 25488-210-GKW-GCE- 00203

Welders Name: Mr. Samorn Promthong Badge # MB104946

Social Security Number : NA Symbol Assigned : P101

Job Name / Number : SPRC Clean Fuels Project / 25488 Test Type : Groove

Welding Process GTAW WPS Used : P1-T [BHN]

Base Material Specification : A106 Gr. B Thickness : 0.436"

Manual or Semi-automatic Variables / Each Process	Actual Values	Range Qualified
Backing (metal, weld metal etc.) [enter Yes or No]	No	With or Without
ASME P-No 1 to P-No 1		P1 – P11
☐Plate ☒Pipe	2" XXS	≥1" OD Pipe and all Fillets
Filler Material Spec. 5.18 Classification	ER70S-6	
Filler Material Spec. N/A Classification	N/A	
Filler Metal F-No (Process # 1/ Process # 2)	F6	F6
Filler Material Product Form[Solid, cored, flux cored]-GTA/PAW	Solid	Solid
Consumable Insert (for GTAW)[enter Yes or No]	No	All
Weld Deposit Thickness - Process # 1 Layers ≥ 3: Yes☒, No☐	0.436"	0.872"
Weld Deposit Thickness - Process # 2 Layers ≥ 3: Yes☐, No☐	NA	NA
Welding Position	6G	All
Progression (uphill / downhill)	Up-Hill	Up-Hill
Shielding Gas	Argon	
Backing Gas (Purge) [enter Yes or No]	No	With / Without Purge
GMAW Transfer Mode	N/A	N/A
Welding Current-Type / Polarity(Process # 1 / Process # 2)	DC Straight	DC Straight

Machine Welding Variables / Each Process	Actual Values	Range Qualified
Direct / Remote Visual Controls	N/A	N/A
Automatic voltage control (AVC) for GTAW	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding Position	N/A	N/A
Consumable Insert	N/A	N/A
Multiple or single pass	N/A	N/A
Backing (metal, weld metal, welded from both sides)	N/A	N/A
Guided Bend Test Results ☐	N/A ☒ [See Below]	

INFORMATION ONLY

P	Position	No.	Specimen	Acc	Rej	Position	No.	Specimen	Acc	Rej
I	Axis of Pipe 5G	1	Root or Side	N/A	N/A	Axis of Pipe Vertical 2G		Root or Side	N/A	N/A
P	Horizontal ☐	2	Face or Side	N/A	N/A					
E	Axis of Pipe 6G	3	Root or Side	N/A	N/A					
	45° ☐	4	Face or Side	N/A	N/A	☐		Face or Side	N/A	N/A

P	Position	No.	Specimen	Acc	Rej	Position	No.	Specimen	Acc	Rej
L	Flat 1G		Root or Side	N/A	N/A	Vertical 3G		Root or Side	N/A	N/A
A	☐		Face or Side	N/A	N/A	☐		Face or Side	N/A	N/A
T	Horizontal 2G		Root or Side	N/A	N/A	Overhead 4G		Root or Side	N/A	N/A
E	☐		Face or Side	N/A	N/A	☐		Face or Side	N/A	N/A

Visual Examination : Acc ☒ Rej ☐

Fillet Weld Test Results : Fracture : Acc ☐ Rej ☐ N/A ☒

Macro : Acc ☐ Rej ☐ N/A ☒

Radiographic Test Results: Position 6G Acc ☒ Rej ☐ N/A ☐ Level II / III II

Liquid Penetrant Test Results : N/A

Welding Test Conducted By : Kim N. Kittrell Date Tested 13-Aug-2011

Mechanical Tests Conducted By : N/A Laboratory Test No. N/A

We certify that the statements made in this record are correct and that the test coupons were prepared, welded and tested in accordance with the requirements of ☒ ASME Section IX ☐ ANSI/AWS D1.1 Structural Welding Code-Steel

Remarks:

Date : 15-Aug-2011 By : Kim N. Kittrell: Kim N. Kittrell

Bechtel Field Welding Engineer

WELDER PERFORMANCE QUALIFICATION (WPQ)

ptt GLOBAL CHEMICAL — posco ENGINEERING



Welder Name: Samoin P. Identification No.: PET-P-W-048

Test Description

Identification to WPS followed: WPS_GT-1.1-A101 — ■ Test coupon ☐ Production weld

Specification of base metal(s): A106-B — Thickness: 3.91 mm

Testing Conditions and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Welding process(es)	GTAW	GTAW
Type(ie:manual' semi -auto)used	Manual	Manual
Backing (metal,weld metal,double-welder,etc.)	Without	Without
☐ Plate ■ Pipe(enter diameter if pipe or tube).	NPS 2"	NPS 3/4" – Unlimited
Base metal P or S-Numer to P-or S-Number	P-1	NOTE 3)
Filler metal or electrode specification(s)(SFA)(info only)	5.18	5.18
Filler metal or electrode classification(s)(info only)	ER70S-6	ER70S-6 (or EQ.)
Filler metal F-Number(s)	6	6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler type (solid/metal or flux cored/powder)(GTAW or PAW)	N/A	N/A
Deposit thickness for each process		
Process 1: GTAW 3 layers minimum ■ Yes ☐ No	3.91 mm	MAX. 7.82 mm
Process 2: N/A 3 layers minimum ☐ Yes ☐ No	N/A	N/A
Position Qualified(2G,6G,3F,etc.)	6G	ALL
Vertical progression(uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	N/A	With/Without
Transfer mode(spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DCEN	DCEN or AC

NOTE 1) Metal,weld metal, and double - welded / NOTE 2) Pipe 24"(610mm)O.D and over

NOTE 3) P-or S-No.1 through P-or S-No.11,P-or S-No.34, and P-or S-No.41 through P-or S-No.49

NOTE 4) Plate and pipe over 24"(610mm)O.D : F,H,V / 2 7/8"(73mm) O.D ≤ Pipe ≤ 24"(610mm) : F,H / FILLET (Plate&Pipe) : F, H, V

RESULTS

Visual Examination of Completed weld (QW-302.4) ACCEPTABLE

☐ Bend test ☐ Transverse root and face[QW-462.3(a)]: ☐ Longitudinal root and face[QW-462.3(b)]:

☐ Side(QW-462.2):

☐ Pipe bend specimen, corrosion-resistant overlay[QW-462.5(a)]:

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

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

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

Alternative radiographic examination results(QW-191) ACCEPTABLE — Report No.: WQT-061

Fillet weld - fracture test (QW-180): N/A — Length and percent of defects: N/A

Macro examination(QW-184): N/A — Fillet size(in): N/A

Concavity/convexity(in):

Other tests: N/A

Film or specimens evaluated by: Mr.Sereout P. — Company: PAE Technical Service

Mechanical test conducted by: N/A — Laboratory test No.: N/A

Welding supervised by: PET / QA,QC

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 Code.

PREPARED BY: HYUNWOO (Thailand)	APPROVED BY: PET / QA,QC	APPROVED BY: PTTGC / QA,QC
HWT QA/QC SECTION ☐ REVIEWED ☐ WITNESSED ☐ APPROVED	posco ENGINEERING QA/QC 18/7/14	ptt Sugas K. Inspection Division 18.7.14

CUEL

WELDER QUALIFICATION TEST RECORD

As per ASME IX



Name : Mr.Samom Promthong ID : 3411700501969

Identification no. : SC-4097

Using WPS No. : WQT P-4100

Above Welder is qualified for the following ranges

Welding variables	Actual values	Qualification Range
Welding Process(es)	GTAW + SMAW	GTAW + SMAW
Type (ie; manual, semi-automatic) used	Manual	Manual
Backing (material, weld metal, double-welded, etc.)	None	With or without
Joint type	Single vee butt weld	
Base metal		
Plate / Pipe (enter diameter if pipe or tube)	Pipe Ø 6" NPS	Plate, Pipe 2 1/2" NPS and Over
Specification	ASTM A106 Gr.B	
P.- or S - no.	P-No.1 + P-No.1	P-No.1 through P.No.15F
Thickness	14.27 mm	28.54 mm
Deeposit thickness for each process		
Process 1. GTAW ☐ Minimum 3 layer	4 mm	8 mm
Process 2. SMAW ☑ Minimum 3 layer	10.27 mm	20.54 mm
Filler metal		
Trade Name	ESAB OK TIGROD 12.64/OK 48.04	
AWS Class	ER70S-6 + E7018	
SFA-No.	A5.18 + 5.1	
F-No.	6 + 4	6 + 1 Through 4
Position	6G	All
Weld progression	Uphill	Uphill
Shielding gas	Ar 99.99%	Ar 99.99%
Backing gas	NONE	With or without
Transfer mode (Spray, globular, short circuit)	N/A	N/A
Electrical characteristics		
Current type/ polarity (AC ,DCEN, DCEP)	DCEN + DCEP	DCEN + AC, DCEN, DCEP

Visual Inspection : Acceptable

Method of Testing

Guided bend test	Fracture Test	Macro Test	Radiographic Test
N/A	N/A	N/A	WQT-053/15 May 28, 2015

Others :

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of ASME Section IX 2010

APPROVED BY:

CIES

Date : 16/6/15

CUEL Limited

Date : 17 JUN 2015

Chevron ☑ Prepared ☐ Witnessed ☐ Approved

16 JUN 2015

QC Inspector Machanical

CHEVRON

Date :

Notes

HYUNWOO (THAILAND) CO.,LTD.

719 KPN Tower 17th Floor, Unit 01 Rama 9 Road Bangkapi Sub-District, Huay-Kwang District, Bangkok 10310

TEL.02-7171160 Fax. 02-7171162

Date : 30 September 2012

Employment Certificate

NAME : Mr.Samorn Promthong

PROJECT : PG Tank and Distribution Project

This is certify that above mentioned person has been employed by HYUNWOO (THAILAND) CO.,LTD as Welder 6G for the Construction of PG Tank and Distribution Project from April 5th, 2012 until September 30th ,2012 , meanwhile he fulfilled his assignment very successfully.

Of course, I would like to take this opportunity thank his performance while he worked with us,and wish he is successful life in the future.

(Mr.Young Ho Kim)

Managing Director

ptt GLOBAL CHEMICAL

WELDER PERFORMANCE QUALIFICATION (WPQ)

POSCO ENGINEERING



Welder Name: Samom P.

Identification No.: PET-P-W-048

Test Description

Identification to WPS followed: WPS_GT.SM-1.1-A101

Specification of base metal(s): A106-B

■ Test coupon ☐ Production weld

Thickess: 7.11

Testing Conditions and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Weldind process(es)	GTAW + SMAW	GTAW + SMAW
Type(ie:manual' semi -auto)used	Manual	Manual
Backing (metal,weld metal,double-welder,etc.)	Without	Without
☐ Plate ■ Pipe(enter diameter if pipe or tube).	NPS 6"	NPS 2 1/2" – Unlimited
Base metal P or S-Numer to P-or S-Number	P-1	NOTE 3)
Filler metal or electrode specification(s)(SFA)(info only)	5.18 / 5.1	5.18 / 5.1
Filler metal or electrode classification(s)(info only)	ER70S-6 + E7016	ER70S-6 + E7016 (or EQ.)
Filler metal F-Number(s)	6 + 4	6 + 4
Consumable insert (GTAW or PAW)	N/A	N/A
Filler type (solid/metal or flux cored/powder)(GTAW or PAW)	N/A	N/A
Deposit thickness for each process		
Process 1 : GTAW 3 layers minimum ■ Yes ☐ No	2 mm	MAX. 4 mm (GTAW)
Process 2 : SMAW 3 layers minimum ■ Yes ☐ No	5.11 mm	MAX. 10.22 mm (SMAW)
Position Qualified(2G,6G,3F,etc.)	6G	ALL
Vertical progression(uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	N/A	With/Without
Transfer mode(spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DCEN+DCEP	DCEN+DCEP or AC

NOTE 1) Metal,weld metal, and double - welded / NOTE 2) Pipe 24"(610mm)O.D and over

NOTE 3) P-or S-No.1 through P-or S-No.11,P-or S-No.34, and P-or S-No.41 through P-or S-No.49

NOTE 4) Plate and pipe over 24"(610mm)O.D : F,H,V / 2 7/8"(73mm) O.D ≤ Pipe ≤ 24"(610mm) : F,H / FILLET (Plate&Pipe) : F, H, V

RESULTS

Visual Examination of Completed weld (QW-302.4) ACCEPTABLE

☐ Bend test ☐ Transverse root and face[QW-462.3(a)]: ☐ Longitudinal root and face[QW-462.3(b)]:

☐ Side(QW-462.2):

☐ Pipe bend specimen, corrosion-resistant overlay[QW-462.5(a)]:

☐ Pitea bend specimen,corrosion-resistant overlay[QW-462.5(d)]

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

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

Alternative radiographic examination results(QW-191) ACCEPTABLE

Report No. : WQT-052

Fillet weld - fracture test (QW-180): N/A

Length and percent of defects: N/A

Macro examination(QW-184): N/A

Fillet size(in): N/A

Concavity/convexity(in):

Other tests: N/A

Film or specimens evaluated by: Mr.Sarawut P.

Company: PAE Technical Service

Mechanical test conducted by: N/A

Laboratory test No.: N/A

Welding supervised by: PET / QA,QC

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 Code.

PREPAER BY HYUNWOO (Thailand)	APPROVED BY PET / QA,QC	APPROVED BY PTTGC / QA,QC
HWT QA/QC SECTION ☐ PREPARED ☐ REVIEWED ☐ WITNESSED ☐ APPROVED 26/7/09	ENGINEERING ☐ REVIEWED QA/QC 28/7/14 20 . . .	Sugas K. Quality Assurance and Inspection Division

RNC RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

SCG CHEMICALS

WELDER PERFORMANCE QUALIFICATION (WPQ)

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



Welder's Name: Mr.Samorn P. Identification no. W-444

Project Name: ROC Project

Test Description

Identification of WPS followed: RNC-WPS-047 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base metal(s): SA 106 Gr.B Thickness: 5.54 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW	GTAW
Type (i.e.,manual,semi-automatic) used	Manual	Manual
Backing (wt/s/without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	OD 2 ½"	OD 1" to Unlimited
Base metal P-Number to P-Number	P-No.1 to P-No.1	P-No.1 to P-No.15F
Filler metal or electrode specification (s) (SFA) (info.only)	5.18	
Filler metal or electrode classification(s) (info. Only)	ER70S-6	
Filler metal F-Number (s)	F-No.6	F-No.6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No.	5.54 mm.	Maximum 11.08 mm.
Process 2 ____ 3 layers minimum ☐ Yes ☐ No.	N/A	N/A
Position qualified (2G, 6G, 3F, etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	None	None
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. WQT-S-011 RT ■ or UT ☐ (check one)

Fillet weld-fracture test (QW-181.2) - Length and percent of defects -

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

Macro examination (QW-184) - Fillet size (in) - Concavity/convexity (in) -

Other -

Film or specimens evaluated by - Company PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Mechanical test conducted by - Laboratory test no. -

Welding supervised by -

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

Prepared _____ Welding Engineer

Certified by _____ (QA/QC Supervisor) Approved by _____ (Owner)

RNC RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

ptt GLOBAL CHEMICAL

WELDER PERFORMANCE QUALIFICATION (WPQ)

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



Welder's Name: Mr.Samorn P. Identification no.: W-444

Project Name: PTTGC

Test Description

Identificayion of WPS followed: RNC-WPS-047 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base matal(s): SA 106 Gr. B Thickness: 3.73 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW	GTAW
Type (i.e.;manual,semi-automatic) used	Manual	Manual
Backing (with/without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	NPS 1/2"	OD 1/2" to Unlimited
Base metal P-Number to P-Number	P-No.1 to P-No.1	P-No.1 through P-No.15F
Filler metal or electrode specification (s) (SFA) (info.only)	5.18	
Filler metal or electrode classification(s) (info. Only)	ER70S-6	
Filler metal F-Number (s)	F-No.6	F-No.6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No.	3.73 mm.	Maximum 7.46 mm.
Process 2 ____ 3 layers minimum ☐ Yes ☐ No.	N/A	N/A
Position qualified (2G, 6G, 3F, etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	Without Backing	With or Without Backing
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. RT-WQT-S-049 RT ■ or UT ☐ (check one)

Fillet weld fracture test (QW-181.2): - Length and percent of defects: -

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

Macro examination (QW-184): - Fillet size (in): - Concavity/convexity (in): -

Other: -

Film or specimens evaluated by: - Company: PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Mechanical test conducted by: - Laboratory test no.: -

Welding supervised by: -

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 BOILERAND PRESSURE VESSEL CODE.**

Prepared: 19-Nov-17 (Welding Engineer)

Certified by: 19-11-2017 (QA / QC Manager)

Approved by: ptt GLOBAL CHEMICAL Suradej R. Quality Assurance and Inspection (Owner) 18.11.17

RNC. RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

ptt GLOBAL CHEMICAL

WELDER PERFORMANCE QUALIFICATION (WPQ)

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



Welder's Name: Mr.Samorn P. Identification no.: W-444

Project Name: PTTGC

Test Description

Identification of WPS followed: RNC-WPS-048 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base metal(s): SA 106 Gr. B Thickness: 7.11 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW/SMAW	GTAW/SMAW
Type (i.e.;manual,semi-automatic) used	Manual	Manual
Backing (with/without)	With or Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	NPS 6"	OD 2 ⅜" to Unlimited
Base metal P-Number to P-Number	P-No.1 to P-No.1	P-No.1 through P-No.15F
Filler metal or electrode specification (s) (SFA) (info.only)	5.18 / 5.1	
Filler metal or electrode classification(s) (info. Only)	ER70S-6 / E7016	
Filler metal F-Number (s)	F-No.6 / F-No.4	F-No.6 / F-No.4,3,2,1
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ☐ Yes ■ No.	3 mm.	Maximum 6 mm.
Process 2 SMAW 3 layers minimum ■ Yes ☐ No.	4.11 mm.	Maximum 8.22 mm.
Position qualified (2G, 6G, 3F, etc.)	6G	All
Vertical progression (uphill or downhill)	Uphill	Uphill
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	Wthout Backing	With or Without Backing
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. RT-WQT-S-044 RT ■ or UT ☐ (check one)

Fillet weld-fracture test (QW-181.2): - Length and percent of defects: -

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

Macro examination (QW-184): - Fillet size (in): - Concavity/convexity (in): -

Other: -

Film or specimens evaluated by: - Company: PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Mechanical test conducted by: - Laboratory test no.: -

Welding supervised by: -

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 BOILERAND PRESSURE VESSEL CODE.**

Prepared: 19-Nov-17 (Welding Engineer)

Certified by: 19-11-2017 (QA / QC Manager)

Approved by: ptt GLOBAL CHEMICAL Suradej R. Quality Assurance and Inspection Division 15.11.17 (Owner)

RNC. RENEWCOILS ENGINEERING & SUPPLY CO.,LTD

SCG CHEMICALS



WELDER PERFORMANCE QUALIFICATION (WPQ)

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

Welder's Name: Mr.Samorn P. Identification no.: W-444

Project Name: ROC Project

Test Description

Identificayion of WPS followed: RNC-WPS-029 ■ Test coupon ☐ Production weld

Specification and type/grade or UNS Number of base metal(s): KHR 45A Thickness: 5.54 mm.

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (es)	GTAW	GTAW
Type (i.e.;manual(semi-autonatic) used	Manual	Manual
Backing (with/without)	Without Backing	With or Without Backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	OD 2 ½"	OD 1" to Unlimited
Base metal P-Number to P-Number	Unassigned	Unassigned
Filler metal or electrode specification (s) (SFA) (info.only)	45A	
Filler metal or electrode classification(s) (info. Only)	UTP A3545Nb	
Filler metal F-Number (s)	-	-
Consumable insert (GTAW or PAW)	N/A	N/A
Filler Metal Product Form (solid/metal or flux cored/powder)(GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1 GTAW 3 layers minimum ■ Yes ☐ No.	5.54 mm.	Maximum 11.08 mm.
Process 2 ____ 3 layers minimum ☐ Yes ☐ No.	N/A	N/A
Position qualified (2G, 6G, 3F, etc.)	2G	F , H
Vertical progression (uphill or downhill)	N/A	N/A
Type of fuel gas (OFW)	N/A	N/A
Inert gas backing (GTAW,PAW,GMAW)	Yes	Yes
Transfer mode (spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity (AC,DCEP,DCEN)	DCEN	DCEN

RESULTS

Visual examination of completed weld (QW-302.4)

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

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

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

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

Alternative Volumetric Examination Results (QW-191): Acceptable / Report No. WQT-S-008 RT ■ or UT ☐ (check one)

Fillet weld-fracture test (QW-181.2) - Length and percent of defects -

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

Macro examination (QW-184) - Fillet size (in) - Concavity/convexity (in) -

Other -

Film or specimens evaluated by - Company PAE TECHNICAL SERVICE PUBLIC COMPANY LIMITED

Mechanical test conducted by - Laboratory test no. -

Welding supervised by -

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 BOILERAND PRESSURE VESSEL CODE.**

Prepared _____ Welding Engineer

Certified by _____ (QA/QC Manager)

Approved by _____ (Owner) 11/8/17

WELDER PERFORMANCE QUALIFICATION (WPQ)

Welder 'sName: Mr.Samon P. | Identification No.: HWT-034

Test Description

Identification to WPS followed: WPS_GT-1.1-A101 | ■ Test coupon | ☐ Production weld

Specification of base metal(s): A53 Gr.B | Thickess: 3.91 mm

Testing Conditions and Qualification Limits

Welding Variables(QW-350)	Actual Values	Range Qualified
Weldind process(es)	GTAW	GTAW
Type(ie:manual' semi -auto)used	Manual	Manual
Backing (metal,weld metal,double-welder,etc.)	Without	Without
☐ Plate ■ Pipe(enter diameter if pipe or tube)	NPS 2"	NPS 3/4" ~ Unlimited
Base metal P or S-Numer to P-or S-Number	P-1	NOTE 3)
Filler metal or electrode specification(s)(SFA)(info only)	5.18	5.18
Filler metal or electrode classification(s)(info only)	ER70S-6	ER70S-6 (or EQ.)
Filler metal F-Number(s)	6	6
Consumable insert (GTAW or PAW)	N/A	N/A
Filler type (solid/metal or flux cored/powder)(GTAW or PAW)	N/A	N/A
Deposit thickness for each process		
Process 1 : GTAW 3 layers minimum ■ Yes ☐ No	3.91 mm	MAX. 7.82 mm
Process 2 : N/A 3 layers minimum ☐ Yes ☐ No	N/A	N/A
Position Qualified(2G,6G,3F,etc.)	6G	ALL
Vertical progression(uphill or downhill)	Uphill	Uphill
Type of fuel gas(OFW)	N/A	N/A
Inert gas backing(GTAW,PAW,GMAW)	N/A	With/Without
Transfer mode(spray/globular or pulse to short circuit-GMAW)	N/A	N/A
GTAW current type/polarity(AC,DCEP,DCEN)	DC & SP	DC & SP

NOTE 1) Metal,weld metal, and double - welded / **NOTE 2)** Pipe 24"(610mm)O.D and over

NOTE 3) P-or S-No.1 through P-or S-No.11,P-or S-No.34, and P-or S-No.41 through P-or S-No.49

NOTE 4) Plate and pipe over 24"(610mm)O.D : F,H,V / 2 7/8"(73mm) O.D ≤ Pipe ≤ 24"(610mm) : F,H / FILLET (Plate&Pipe) : F, H, V

RESULTS

Visual Examination of Completed weld (QW-302.4) **ACCEPTABLE**

☐ Bend test ☐ Transverse root and facel(QW-462.3(a)): ☐ Longitudinal root and face(QW-462.3(b)):

☐ Side(QW-462.2):

☐ Pipe bend specimen, corrosion-resistant overlay[QW-462.5(a)]:

☐ Pllea bend specimen,corrosion-resistant overlay(QW-462.5(d)]

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

Type	Result	Type	Result	Type	Result

Alternative radiographic examination results(QW-191) **ACCEPTABLE** | Report No. : **WQT-HYUNWOO-020**

Fillet weld - fracture test (QW-180): **N/A** | Length and percent of defects: **N/A**

Macro examination(QW-184): **N/A** | Fillet size(in): **N/A**

Concavity/convexity(in):

Other tests: **N/A**

Film or specimens evaluated by: **Mr.Khomson J.** | Company: DNT CARE ION TECH

Mechanical test conducted by: **N/A** | Laboratory test No.: **N/A**

Welding supervised by: **Mr. Utai Somha. / Posco engineering QA/QC Inspector**

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

Organization : Posco engineering Co.,Ltd.

Prepared BY	Reviewed By	Certified By	Reviewed By SCG
Mr.Vasin Singka	Mr.Utai Somha.	Mr.Hyun Chae Yun	
	DATE		03 Jul 2012

WELDER QUALIFICATION TEST RECORD

As per ASME IX



Name : Mr.Samorn Promthong ID : 3411700501969

Identification no. : SC-4007

Using WPS No. : WQT P-4000

Above Welder is qualified for the following ranges

Welding variables	Actual values	Qualification Range
Welding Process(es)	GTAW	GTAW
Type (ie: manual, semi-automatic) used	Manual	Manual
Backing (material, weld metal, double-welded, etc.)	None	With or without backing
Joint type	Single vee butt weld	
Base metal		
Plate / Pipe (enter diameter if pipe or tube)	Pipe Ø 2" NPS	Plate, Pipe 3/4" NPS & over
Specification	ASTM A106 Gr.B	
P.- or S - no.	P-No.1 + P-No.1	P-No.1 through P No.15F
Thickness	5.54 mm	11.08 mm
Deposit thickness for each process		
Process 1. GTAW ☐ Minimum 3 layer	5.54 mm	11.08 mm
Process 2. ☐ Minimum 3 layer		
Filler metal		
Trade Name	ESAB OK TIGROD 12.64	
AWS Class	ER-70S-6	
SFA-No.	A5.18	
F-No.	6	6
Position	6G	All
Weld progression	N/A	N/A
Shielding gas	Ar 99.99%	Ar 99.99%
Backing gas	None	With or without
Transfer mode (Spray, globular, short circuit)	N/A	N/A
Electrical characteristics		
Current type/ polarity (AC ,DCEN, DCEP)	DCEN	DCEN

Visual Inspection : Acceptable

Method of Testing

Guided bend test	Fracture Test	Macro Test	Radiographic Test
N/A	N/A	N/A	WQT-049/15 29-May-15

Others :

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of ASME Section IX 2010

APPROVED BY:

CIES

Date

CUEL Limited

Date : 17 JUN 2015

Chevron

16 JUN 2015

CHEVRON

Date :

Notes

IRPC
IRPC Public Company Limited

WELDER PERFORMANCE QUALIFICATION (WPQ)



Welder Cert. No. WQC-1337/2014
Welder No. IRPC-03387

Welder's name: Mr.Samon Promtong Identification No. 3411700501969
Company's name: Kukje Plant (Thailand) Co.,Ltd.

Test Description

Identification of WPS followed _____ ■ Test Coupon ☐ Production weld
Specification of base metal (s) A106 Gr.B Thickness 21.44 mm.

Testing Conditions and Qualification Limits

Welding Variables (QW-350)		Actual Values		Range Qualified	
Welding process(es)		GTAW	SMAW	GTAW	SMAW
Type (i.e; manual, semi-auto) used		Manual		Manual	
Backing (metal, weld metal, double-welded ect.)		Without	With	With/Without	With
☐ Plate ■ Pipe (enter diameter if pipe or tube)	Groove	NPS 10" Sch.120		2-7/8"(73 mm.) O.D. and over	
	Fillet	N/A		All thickness and diameters	
Base metal (P-Number to P-Number)		P-No.1 to P-No.1		P-No.1-15F, 34, 41-49	
Filler metal or electrode specification (SFA)		A 5.18	A5.1		
Filler metal or electrode classification(s) (AWS, ect.)		ER70S-6	E7016		
Filler metal F-Number (s)		F-No. 6	F-No. 4	F-No.6	F-No.1-4
Filler type (solid/metal or flux cored/powder) (GTAW or PAW)		Solid wire	N/A	Solid wire	N/A
Deposit thickness for each process					
Process 1: GTAW 3 layers minimum ☐ Yes ■ No		2.4 mm.	N/A	4.8 mm. Max.	N/A
Process 2: SMAW 3 layers minimum ■ Yes ☐ No		N/A	19.04 mm.	N/A	Max to be weld
Welding position qualified (Groove weld test)(2G, 6G, etc.)		6G			
Plate & Pipe O.D. > 24" (610 mm.)				All positions	
Pipe O.D. < 24" (610 mm.)				All positions	
Welding position qualified (Fillet weld test)(1F, 2F, etc.)		N/A		All positions	
Vertical progression (uphill or downhill)		Uphill		Uphill	
Backing gas for GTAW, PAW or GMAW/FCAW		Without	N/A	Without	N/A
GMAW/FCAW Transfer mode		N/A	N/A	N/A	N/A
Welding current type/polarity		DCEN	DCEP	DCEN	DCEP

Results

Visual examination of completed Weld (QW-302.4) Acceptable

Guide Bend Test (QW-160)

☐ Transverse root and face [QW-462.3(a)] ☐ Longitudinal root and face [QW-462.3(b)] ☐ Side (QW-462.2)
☐ Pipe bend specimen, corrosion-resistant overlay [QW-462.5(c)] ☐ Plate bend specimen, corrosion-resistant overlay [QW-462.5(d)]

Type and Specimen No.	Result	Type and Specimen No.	Result
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Radiographic Examination (QW-191)

Alternative radiographic examination results (QW-191) Acceptable Report No. RP-P32-140070-021
Test conducted and evaluated by Mr. Chutchay Chartsuwan Cer. No. RT2-021-09 Company IRPC

Fillet Weld Test (QW-180)

Fracture test (QW-180) N/A Length and percent of defects N/A
Macro examination (QW-184) N/A Fillet leg size (in.) N/A x N/A Concavity / convexity (in.) N/A

Other Tests

Type of Test N/A
Mechanical test conducted and evaluated by N/A Report No. N/A

Welding test witnessed/reviewed by Mr.Samart Korsem Witness date 07/03/2014

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 ASME Code

Certified by _____ _____
(Mr. Komnasate Pitiariyanan) (Client)
Manager

IRPC Public Company Limited

WELDER PERFORMANCE QUALIFICATION (WPQ)



Welder Cert. No. WQC-1336/2014

Welder No. IRPC-03387

Welder's name: Mr.Samon Promtong Identification No. 3411700501969

Company's name: Kukje Plant (Thailand) Co.,Ltd.

Test Description

Identification of WPS followed _____ ■ Test Coupon ☐ Production weld

Specification of base metal (s) A106 Gr.B Thickness 5.54 mm.

Testing Conditions and Qualification Limits

Welding Variables (QW-350)		Actual Values	Range Qualified
Welding process(es)		GTAW	GTAW
Type (i.e; manual, semi-auto) used		Manual	Manual
Backing (metal, weld metal, double-welded ect.)		Without Backing	With/Without backing
☐ Plate ■ Pipe (enter diameter if pipe or tube)	Groove	NPS 2" Sch.80	O.D. 1" and over
	Fillet	N/A	All thickness and diameters
Base metal (P-Number to P-Number)		P-No.1 to P-No.1	P-No.1-15F, 34, 41-49
Filler metal or electrode specification (SFA)		A 5.18	
Filler metal or electrode classification(s) (AWS, ect.)		ER70S-6	
Filler metal F-Number (s)		F-No. 6	F-No.6
Filler type (solid/metal or flux cored/powder) (GTAW or PAW)		Solid wire filler metal	With solid wire filler metal
Deposit thickness for each process			
Process 1: GTAW 3 layers minimum	■ Yes ☐ No	5.54 mm.	11.08 mm. Max. & all fillet sizes
Process 2: _____ 3 layers minimum	☐ Yes ☐ No	N/A	N/A
Welding position qualified (Groove weld test)(2G, 6G, etc.)		6G	
Plate & Pipe O.D. > 24" (610 mm.)			All positions
Pipe O.D. < 24" (610 mm.)			All positions
Welding position qualified (Fillet weld test)(1F, 2F, etc.)		N/A	All positions
Vertical progression (uphill or downhill)		Uphill	Uphill
Backing gas for GTAW, PAW or GMAW/FCAW		Without	Without
GMAW/FCAW Transfer mode		N/A	N/A
Welding current type/polarity		DCEN	DCEN

Results

Visual examination of completed Weld (QW-302.4) Acceptable

Guide Bend Test (QW-160)

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

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

Type and Specimen No.	Result
N/A	N/A
N/A	N/A

Type and Specimen No.	Result
N/A	N/A
N/A	N/A

Radiographic Examination (QW-191)

Alternative radiographic examination results (QW-191) Acceptable Report No. RP-P32-140070-007

Test conducted and evaluated by Mr. Chutchay Chartsuwan Cer. No. RT2-021-09 Company IRPC

Fillet Weld Test (QW-180)

Fracture test (QW-180) N/A Length and percent of defects N/A

Macro examination (QW-184) N/A Fillet leg size (in.) N/A x N/A Concavity / convexity (in.) N/A

Other Tests

Type of Test N/A

Mechanical test conducted and evaluated by N/A Report No. N/A

Welding test witnessed/reviewed by Mr.Samart Korsem Witness date 07/03/2014

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 ASME Code

Certified by _____ _____

(Mr. Kornnasate Pitiniyanon) (Client)

Manager

SAMSUNG ENGINEERING THAILAND CO., LTD.

QW-484 MANUFACTURER'S RECORD OF WELDER OR WELDING OPERATOR QUALIFICATION TEST (WQT)



Welder Certificate No. CAZ-ORP-302-3 Welder No. CAZ-P-302

Welder's name	MR.SAMORN PROMTHONG	Identification No	3-4117-00501-96-9
Welding process(es) used	GTAW	Type (i.e., Manual, Semi-automatic)	Manual
Identification of WPS followed by welder during welding of test coupon	CAZ-G-015		
Base material(s) welded	SA312 GR.TP304/304L	Thickness	5.54 mm.

Manual or Semiautomatic Variables for Each Process (QW-350)	Actual Values	Range Qualified
Welding Process	GTAW	GTAW
Backing (metal, weld metal, weld from both sides, flux, etc.) (QW-402)	Without	With / Without
ASME P-No. 8 to ASME P-No. 8 (QW-403)	P-No.8 to P-No.8	P-No.1 through P-No.15F
( ) Plate (V) Pipe (enter diameter, if pipe or tube) Groove	NPS 2 Sch 80	OD. 1" to Unlimited
Fillet	N/A	All thickness
Filler metal or electrode specification (SFA)	5.9	
Filler metal or electrode Classifications (AWS etc.) (QW-404)	ER308L	
Filler metal F-No.	F-No.6	F-No.6
Consumable insert for GTAW or PAW	None	None
Filler metal product form (solid/metal or flux cored/powder) (GTAW or PAW)	Solid Wire	Solid Wire
Weld deposit thickness for each welding process		
Process1 GTAW 3 layers minimum (V)Yes ( )No	5.54 mm	11.08 mm. (Max)
Process2 - 3 layers minimum ( )Yes ( )No	N/A	N/A
Welding position (1G, 6G, 1F, 2F etc.) (QW-405)	6G	ALL
Progression (uphill/downhill)	Uphill	Uphill
Backing gas for GTAW, PAW, or GMAW,: fuel gas for OFW (QW-408)	99.99% Argon	With Backing Gas
GMAW transfer mode (spray/globular or pulse to short circuit) (QW-409)	N/A	N/A
GTAW welding current type/polarity (AC, DCEP, DCEN)	DCEN	DCEN

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualified
Direct/Remote visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 6G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guide Bend Test Results

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

Visual examination of completed weld results (QW-302.4) Acceptable

Alternative volumetric examination (QW-191) (V) RT or ( ) UT

RT/UT results (QW-304 and QW-305) Accepted Report No. REC-262120069-RT-1249

(For alternative qualification of groove welds by volumetric examination)

Fillet Weld -- Fracture test (QW-182) N/A Length and percent of defects N/A in.

Macro test fusion(QW-183) N/A Fillet leg size N/A in. x N/A in. Concavity/convexity N/A in.

Other tests

Film or specimens evaluated by Mr. Sutin T. Company REC Rajchaplenk Engineering Co., Ltd.

Mechanical test conducted by N/A Laboratory test no. N/A

Welding test conducted by Mr. Komsan K. Test date 8-Jan-2020

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirement of Section IX of the ASME Code

Organization

Date 9-Jan-2020 by

CAZ (THAILAND) LTD. QA / QC DEPT.

This form (E0008) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

QW-484 MANUFACTURER'S RECORD OF WELDER OR WELDING OPERATOR QUALIFICATION TEST (WQT)



Welder Certificate No. CAZ-ORP-302-1 Welder No. CAZ-P-302

Welder's name	MR.SAMORN PROMTHONG	Identification No.	3-4117-00501-96-9
Welding process(es) used	GTAW	Type (i.e., Manual, Semi-automatic)	Manual
Identification of WPS followed by welder during welding of test coupon	CAZ-G-001		
Base material(s) welded	SA106 GR.B	Thickness	5.54 mm.

Manual or Semiautomatic Variables for Each Process (QW-350)	Actual Values	Range Qualified
Welding Process	GTAW	GTAW
Backing (metal, weld metal, weld from both sides, flux, etc.) (QW-402)	Without	With / Without
ASME P-No. 1 to ASME P-No. 1 (QW-403)	P-No.1 to P-No.1	P-No.1 though P-No.15F
( ) Plate (√) Pipe (enter diameter, if pipe or tube) Groove	NPS 2" Sch 80	OD. 1" to Unlimited
Fillet	N/A	All thickness
Filler metal or electrode specification (SFA)	5.18	
Filler metal or electrode Classifications (AWS etc.) (QW-404)	ER70S-6	
Filler metal F-No.	F-No.6	F-No.6
Consumable insert for GTAW or PAW	None	None
Filler metal product form (solid/metal or flux cored/powder) (GTAW or PAW)	Solid Wire	Solid Wire
Weld deposit thickness for each welding process		
Process1 GTAW 3 layers minimum (√)Yes ( )No	5.54 mm	11.08 mm. (Max)
Process2 - 3 layers minimum ( )Yes ( )No	N/A	N/A
Welding position (1G, 6G, 1F, 2F etc.) (QW-405)	6G	ALL
Progression (uphill/downhill)	Uphill	Uphill
Backing gas for GTAW, PAW, or GMAW, fuel gas for OFW (QW-408)	None	With/Without
GMAW transfer mode (spray/globular or pulse to short circuit) (QW-409)	N/A	N/A
GTAW welding current type/polarity (AC, DCEP, DCEN)	DCEN	DCEN

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualified
Direct/Remote visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 6G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guide Bend Test Results

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

N/A	N/A	N/A	N/A	N/A	N/A
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 of completed weld results (QW-302.4) Acceptable

Alternative volumetric examination (QW-191) (√) RT or ( ) UT

RT/UT results (QW-304 and QW-305) Accepted Report No REC-262120069-RT-1247

(For alternative qualification of groove welds by volumetric examination)

Fillet Weld – Fracture test (QW-182) N/A Length and percent of defects N/A in.

Macro test fusion(QW-183) N/A Fillet leg size N/A in. x N/A in. Concavity/convexity N/A in.

Other tests

Film or specimens evaluated by Mr. Sutin T. Company REC Raphaploak Engineering Co., Ltd.

Mechanical test conducted by N/A Laboratory test no N/A

Welding test conducted by Mr. Komsan K. Test date 8-Jan-20

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

Organization

Date 9-Jan-20 by

GAZ (THAILAND) CO., LTD. QA / QC DEPT.

This form (E0308) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

QW-484 MANUFACTURER'S RECORD OF WELDER OR WELDING OPERATOR QUALIFICATION TEST (WQT)



Welder Certificate No. CAZ-ORP-302-2 Welder No. CAZ-P-302

Welder's name	MR.SAMORN PROMTHONG	Identification No.	3-4117-00501-96-9
Welding process(es) used	GTAW+SMAW	Type (i.e., Manual, Semi-automatic)	Manual
Identification of WPS followed by welder during welding of test coupon	CAZ-GS-002		
Base material(s) welded	SA106 GR.B	Thickness	7.11 mm.

Manual or Semiautomatic Variables for Each Process (QW-350)	Actual Values		Range Qualified	
Welding Process	GTAW	SMAW	GTAW	SMAW
Backing (metal, weld metal, weld from both sides, flux, etc.) (QW-402)	Without	With	With/Without	With
ASME P-No 1 to ASME P-No 1 (QW-403)	P-No.1 to P-No.1		P-No.1 through P-No.15F	
( ) Plate (√) Pipe (enter diameter, if pipe or tube) Groove	NPS 6" Sch 80		2-3/8"(73 mm.)O.D. and Over	
Fillet	N/A		All thickness	
Filler metal or electrode specification (SFA)	5.18	5.1		
Filler metal or electrode Classifications (AWS etc.) (QW-404)	ER70S-6	E7016		
Filler metal F-No.	F-No.6	F-No.4	F-No.6	F-No.1-4
Consumable insert for GTAW or PAW	None		None	
Filler metal product form (solid/metal or flux cored/powder) (GTAW or PAW)	Solid	N/A	Solid	N/A
Weld deposit thickness for each welding process				
Process1 GTAW 3 layers minimum ( )Yes (√)No	3.0 mm.	N/A	6.0 mm.Max.	N/A
Process2 SMAW 3 layers minimum (√)Yes ( )No	N/A	7.97 mm.	N/A	15.94 mm.Max.
Welding position (1G, 6G, 1F, 2F etc.) (QW-405)	6G		ALL	
Progression (uphill/downhill)	Uphill		Uphill	
Backing gas for GTAW, PAW, or GMAW, fuel gas for OFW (QW-408)	None		With/Without	
GMAW transfer mode (spray/globular or pulse to short circuit) (QW-409)	N/A		N/A	
GTAW welding current type/polarity (AC, DCEP, DCEN)	DCEN	DCEP	DCEN	DCEP

Machine Welding Variables for the Process Used (QW-360)	Actual Values	Range Qualified
Direct/Remote visual control	N/A	N/A
Automatic voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position (1G, 6G, etc.)	N/A	N/A
Consumable insert	N/A	N/A
Backing (metal, weld metal, welded from both sides, flux, etc.)	N/A	N/A

Guide Bend Test Results

Guided Bend Tests Type ( )QW-462.2 (Side)	Results ( )QW-462.3(a) (Trans. R & F)	Type ( )QW-462.3(b) (Long. R & F)	Results
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 of completed weld results (QW-302.4) Acceptable

Alternative volumetric examination (QW-191) (√)RT or ( )UT

RT/UT results (QW-304 and QW-305) Accepted Report No REC-262120069-RT-1248

(For alternative qualification of groove welds by volumetric examination)

Fillet Weld – Fracture test (QW-182) N/A Length and percent of defects N/A in.

Macro test fusion(QW-183) N/A Fillet leg size N/A in. x N/A in. Concavity/convexity N/A in.

Other tests

Film or specimens evaluated by Mr. Sutin T. Company REC Rajchapleuk Engineering Co., Ltd.

Mechanical test conducted by N/A Laboratory test no N/A

Welding test conducted by Mr. Komsan K. Test date 8-Jan-20

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

Organization

Date 9-Jan-20 by

This form (E0008) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

HYUNWOO (THAILAND) CO., LTD.

เลขที่ ๓๖๔/๑๐๕ ซอยศูนย์วิจัย ๔ ถนนพระราม ๙ แขวงบางกะปิ เขตห้วยขวาง กรุงเทพมหานคร 10310

364/105 Soi Soonvijai 4,Rama 9 Rd., Bangkapi, huaykwang Bangkok 10310

Certification of Employment

"TO WHOM IT MAY CONCERN"

This is certify that **Mr.Samorn** **Promthong** has been employed by **HYUNWOO (THAILAND) CO.,LTD** for the Construction of Convert Heavy Gas to Olefins Feedstock Project in capacity of **Welder6G** From July 25th, 2014 until March 31st, 2015 meanwhile he fulfilled his assignment very successfully

Of course, we would like to take this opportunity thank his performance while he worked with us, and wish him to success in his future endeavors.

HYUNWOO (THAILAND) CO., LTD.

(Mr. Hyunjae Kim)

Manager

Of Hyunwoo (Thailand) Co., Ltd.

March 31st, 2015

รายการเกี่ยวกับบ้าน เล่มที่ 1

เลขรหัสประจำบ้าน 2197-037578-7 สำนักทะเบียน ท้องถิ่นเทศบาลเมืองมาบตาพุด

รายการที่อยู่ 24/2 ซอยสิริพร ถนนสุขุมวิท

ตำบลมาบตาพุด อำเภอเมืองระยอง จังหวัดระยอง

ชื่อหมู่บ้าน ชื่อบ้าน

ประเภทบ้าน บ้าย ลักษณะบ้าน ตึกเดี่ยว 1 ชั้น

วันเดือนปีที่กำหนดบ้านเลขที่ 12 กันยายน 2555 (ตลาดมาบตาพุด)

ลงชื่อ นายทะเบียน

(นางนิลุบล พิพิธจันทร์)

วันเดือนปีที่พิมพ์ทะเบียนบ้าน 13 กันยายน 2555

1

2

เล่มที่ 1 รายการบุคคลในบ้านของเลขรหัสประจำบ้าน 2197-037578-7 ลำดับที่ 1

ชื่อ นายสมร พรมทอง สัญชาติ ไทย เพศ ชาย

เลขประจำตัวประชาชน 3-4117-00501-96-9 สถานภาพ เจ้าบ้าน เกิดเมื่อ 18 ธ.ค. 2525

บิดาชื่อ ผล 3-4117-00501-93-4 สัญชาติ ไทย

มารดาชื่อ ถาวร 3-4117-00501-92-6 สัญชาติ ไทย

* มาจาก นายทะเบียน

20 ม.10 ต.โพแก้ว

อ.บ้านฉือ จ.อุดรธานี เมื่อ 13 ก.ย. 2555 (นางนิลุบล พิพิธจันทร์)

** ไปที่ นายทะเบียน

(สำเนา)

ป. ๐๕

ชุดที่ 119 เลขที่ 30971

หลักฐานแสดงผลการเรียน

โรงเรียน บ้านนาเตย อำเภอ/เขต พุ่มเรือ

จังหวัด อุตรดิตถ์ หลักฐานแสดงผลการเรียนฉบับนี้ให้ไว้เพื่อแสดงว่า

เด็กชายสมร พรมทอง

เลขประจำตัว ๙๓๗ เกิดวันที่ ๑๙ เดือน สิงหาคม พ.ศ. ๒๕๒๕

บิดาชื่อ นายเกอร พรมทอง มารดาชื่อ นางพล พรมทอง

มีเวลาเรียนในชั้นประถมศึกษาปีที่ ๖ ๒๐๙ วัน คิดเป็นร้อยละ ๑๐๐

มีผลการเรียนดังนี้

กลุ่ม	รวมจุดประสงค์ตลอดปี	จุดประสงค์ที่ผ่าน	ระดับผลการเรียนปลายปี
๑. ทักษะ	๔๔ ข้อ	๔๔ ข้อ	๙
ภาษาไทย	๒๙ ข้อ	๒๙ ข้อ	-
คณิตศาสตร์	๑๖ ข้อ	๑๖ ข้อ	-
๒. สร้างเสริมประสบการณ์ชีวิต	๔๒ ข้อ	๔๒ ข้อ	๙
๓. สร้างเสริมลักษณะนิสัย	๓๗ ข้อ	๓๗ ข้อ	๙
๔. การงานและพื้นฐานอาชีพ	๔๒ ข้อ	๔๒ ข้อ	๙
๕. ประสบการณ์พิเศษ เลือกเรียน งานจังหวัด	๓๖ ข้อ	๓๖ ข้อ	๙



ความรู้ ความสามารถพิเศษ -

ความประพฤติ เรียบร้อย

ได้รับอนุมัติให้จบหลักสูตรประถมศึกษา พุทธศักราช ๒๕๒๑

เมื่อวันที่ ๒๔ เดือน พฤษภาคม พ.ศ. ๒๕๓๕

ลงชื่อ

ตำแหน่ง

ช ▬ ว 422002

เอกสารฉบับนี้ ตรวจสอบความถูกต้อง ได้ที่ หน่วยบัญชาการกำลังสำรอง กรมการรักษาดินแดน กระทรวงกลาโหม

(แบบ สด.๘๑)

ฉบับที่ 402 เลขที่หมายเรียก 5/46

ใบรับรองผล

การตรวจเลือกทหารกองเกินเข้ารับราชการทหารกองประจำการ พ.ศ. ๒๕๔๖

๑. หลักฐานเกี่ยวกับประวัติบุคคล.

๑.๑ ชื่อ นาย สมร ชื่อสกุล พรมทอง

๑.๒ ภูมิลำเนาทหารด้านบก บ้าน ทอง

อำเภอ ปานเทศ จังหวัด ยุทธธานี

๑.๓ บัตรประจำตัวประชาชนหมายเลข

เลขประจำตัวประชาชน 3 9113 00511 989

๒. ผลการตรวจเลือก

๒.๑ กรรมการซึ่งเป็นผู้ประกอบโรคศิลปะแผนปัจจุบันฯ ผู้ตรวจร่างกายเห็นว่า

สมควรเป็นคนจำพวกที่ 2

(ลายมือชื่อผู้ตรวจร่างกาย)

๒.๒ ขนาดสูง ๑๗๓ ซม. ขนาดรอบตัว ๕๖/๕๗ ซม.

(ลายมือชื่อกรรมการนายทหารสัญญาบัตร)

๒.๓ คณะกรรมการตรวจเลือกกำหนดเป็นคนจำพวกที่ 9

(ลายมือชื่อกรรมการสัสดีจังหวัด)

๒.๔ ผลการจับสลาก

(ลายมือชื่อกรรมการสัสดีจังหวัด)



(ลายมือทหารกองเกิน) หรือ (ลายพิมพ์นิ้วมือ)

๓ บันทึกอื่น ๆ

ขอรับรองว่าถูกต้อง

ประธานกรรมการ

กรรมการ

กรรมการ

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กรรมการ

(ท่อนที่ ๓ สำหรับทหารกองเกิน)

สูติบัตร 2570033163

ท.ร.๑๔/ส่วนที่ ๒

เลขที่ ๓๐๕/๒๕

สำนักทะเบียน ๑๑ บ้านเม็ก

๑. เด็กที่เกิด	๑.๑ ชื่อตัว ๑๑ ลพร	ชื่อสกุล พรมทอง	๑.๒ เพศ ชาย ☑ หญิง ☐	๑.๓ สัญชาติ ไทย
	๑.๔ เกิดเมื่อวันที่ เดือน พ.ศ. ๑๘ ธ.ค. ๒๕	เวลา ๑๐.๐๐ น.	ตรงกับวัน เสาร์ ☑ ขึ้น ☐ แรม ☑ ค่ำ	เดือน ๑๐ ปี ๑๑
	๑.๕ เกิดที่บ้านเลขที่ หมู่ที่ ซอย ถนน ๓๐.๑๐	ตำบล/แขวง อำเภอ/เขต จังหวัด บ้านเม็ก บ้านผือ อุดรธานี		ประเทศ ไทย
๒. มารดา	๒.๑ ชื่อตัว นาง ชาล	ชื่อสกุลก่อนจำหน่าย พรมทอง	๒.๒ อายุ ๒๒ ปี	๒.๓ สัญชาติ ไทย
	๒.๔ อยู่แห่งเดียวกับที่เด็กเกิด ☐ บ้านเลขที่ หมู่ที่ ซอย ถนน ๓๐.๑๐	ตำบล/แขวง อำเภอ/เขต จังหวัด บ้านเม็ก บ้านผือ อุดรธานี		
๓. บิดา	๓.๑ ชื่อตัว นาย ภาวร	ชื่อสกุล พรมทอง	๓.๒ อายุ ๒๕ ปี	๓.๓ สัญชาติ ไทย
๔. ผู้แจ้งการเกิด	๔.๑ ชื่อตัว นาย ภาวร ชื่อสกุล พรมทอง	๔.๒ อยู่บ้านเลขที่ หมู่ที่ ซอย ถนน ตำบล/แขวง อำเภอ/เขต จังหวัด ๓๐.๑๐ บ้านเม็ก บ้านผือ อุดรธานี		
	๔.๓ ความเกี่ยวพันเป็น เจ้าบ้าน ☐ บิดา ☐ มารดา ☐ เจ้าพนักงาน ☐ ผู้ทำคลอด ☐ ผู้อื่น ☐	๔.๔ ลงชื่อผู้แจ้งการเกิด ภาวร พรมทอง		
๕. แจ้งเกิดเมื่อวันที่ เดือน พ.ศ. ๑๘ ธ.ค. ๒๕		๖. แจ้งการเปลี่ยนชื่อตัวเมื่อวันที่ เดือน พ.ศ.		
๗. ลงชื่อนายทะเบียนผู้รับแจ้ง (นายชัง (นามสุ)) นายทะเบียน ปลัดเทศบาลตำบลบ้านเม็ก		๘. ลงชื่อนายทะเบียนผู้รับแจ้งการเปลี่ยนชื่อตัว ( ) นายทะเบียน		

สำเนาถูกต้อง

(นายมีชัย [illegible])

ปลัดอำเภอ (เจ้าพนักงานปกครอง ?)

