

PWC Inspection Service
Entry Level Welder Training Record

(3)

Rosa Marquez

Name: <u>Rosa M. Marquez</u>	Clock #		
Training Start Date:		<u>11/16/04</u>	
Training Completion Date:		<u>12/7/04</u>	
Learning Objectives	Date Completed	Instructor	Student
COURSE A:			
1. Follow safe practices.	<u>12/3/04</u>	<u>PWC</u>	
2. Perform housekeeping duties.	<u>12/3/04</u>	<u>PWC</u>	
3. Follow verbal instructions.	<u>1/1</u>		
4. Follow written details.	<u>Lanoyague Barron</u>		
COURSE B:			
1. Interpret basic elements of a drawing or sketch.	<u>1/1</u>		
2. Interpret welding symbol information.	<u>1/1</u>		
3. Fabricate parts from a drawing or sketch.	<u>Lanoyague Barron</u>		
COURSE C:			
1. Perform safety inspection of equipment/accessories.	<u>12/3/04</u>	<u>PWC</u>	
2. Make minor external repairs to equipment/accessories.	<u>12/3/04</u>	<u>PWC</u>	
3. Set up for GMAW operation.	<u>12/3/04</u>	<u>PWC</u>	
4. Operate GMAW equipment.	<u>12/4/04</u>	<u>PWC</u>	
Short Circuit Transfer			
5a. Make fillet welds in the 2F position.	<u>11/30/04</u>	<u>PWC</u>	
5b. Make fillet welds in the 3F Down positions.	<u>12/21/04</u>	<u>PWC</u>	
6. Make groove welds in the 3G position.	<u>12/21/04</u>	<u>PWC</u>	
7. Perform 3G down qualification test. (2 required)	<u>12/21/04</u>	<u>PWC</u>	
Spray Transfer			
8b. Make 2F single and multi pass welds.	<u>12/3/04</u>	<u>PWC</u>	
8c. Make 1G single and multi pass welds.	<u>12/3/04</u>	<u>PWC</u>	
9a. Perform 1G limited thickness qualification test.	<u>12/3/04</u>	<u>PWC</u>	
COURSE D:			
1. Examine cut surfaces and edges.	<u>1/1</u>		
2. Examine tack, layers, and completed welds.	<u>1/1</u>		
Final Closed-Book Examination (70% test grade required)			
Safe Practices Test (70% test grade required)			

11/16
11/18
11/19
11/23
11/30 PWC
12/2 PWC
12/3 PWC
12/4 PWC

Lanoyague Barron

PWC Inspection Service

Standard Welder and Welding Operator Qualification Test Record (WQTR)

Welder's Name: Rosa Marquez Welder's Clock No.: N/A Welder's Stamp No.: N/A

WPS Number: Course C - Learning Objective #9 Supported by PQR No.(s): Pre-Qualified AWS D1.1

Base Metal		Qualification Range
*Type/Description:	Low Carbon Steel	All Qualified
*Material Thickness:	1/4 in (6mm)	Grooves 1/2 inch (12mm) and under and all Fillets
Other Information:		

Welding Process			
Characteristics:	ac: <input type="checkbox"/>	dcep: <input checked="" type="checkbox"/>	dcen: <input type="checkbox"/> pulsed: <input type="checkbox"/>
Method of Application:	manual: <input type="checkbox"/>	semi-automatic: <input checked="" type="checkbox"/>	automatic: <input type="checkbox"/>
Process:	GMAW	Mode of Metal Transfer:	Spray
Tungsten Electrode Dia.:	-- in.	Tungsten Electrode Type:	--

Filler Metal		Qualification Range
AWS Specification:	A5.18	A5.18
AWS Classification:	ER 70S-6	Any Qualified
Filler Metal Size:	0.035 in.	-- in.
Consumable Insert:		
Other:		

Shielding			
Shielding Gas and Gas mixture:	Argon 90 %	CO2 10 %	-- %
Gas Flow (CFH):	35	Gas Cup Size:	
Electrode-Flux:		Other:	

Joint Details and Technique		Qualification Range
*Joint Design:	Square Groove	Groove and Fillets
*Weld Progression:	Up <input type="checkbox"/> Down <input type="checkbox"/>	Up <input type="checkbox"/> Down <input type="checkbox"/>
*Backing Material:	with	with only
Stringer or Weave Bead:	Stringer	
*Number of Electrodes:	1	1
*Position:	Flat	Flat Horizontal -- --
Electrode Position:	--	
Other:		

Guided Bend Test			
Specimen No.	Type of bend	Results	Remarks
05-1	Root	pass	
05-2	Face	pass	
	--	--	
	--	--	

Visual Inspection	
Appearance:	acceptable
Undercut:	none
Piping Porosity:	none
Convexity:	acceptable

Fillet Weld Test			
Minimum size multiple pass		Maximum size single pass	
1	--	1	--
2	--	2	--
3	--	3	--

Macroetch Test (if more space required use additional form)		
Specimen No.	Results	Remarks
	--	
	--	
	--	

Test conducted by PWC Inspection Service Welding witnessed by Paul W Cameron

Macroetch test and visual inspection conducted by Paul W Cameron

I certify that the statements in this record are correct and that the test specimens were prepared, joined, and examined in accordance with the requirements of section 7 of ANSI/AWS D1.1, (2004).

Authorized by Paul W. Cameron Date December 12, 2004

Signed: 

Certificate of Completion

This Certifies That

Rosa Marquez

Has Successfully Completed
Orientation to Minnesota Home Care Requirements
and

Southeastern Minnesota Center for Independent Living (SEMCIIL)
Personal Care Assistant Training Course

Date

8/14/05

Signed

