JOSHUA OUSLEY
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Minneapolis, Minnesota 55410
Cell Phone 612-360-1115
joshualousley@gmail.com

EDUCATION
Minneapolis Community and Technical College: Welding and Metal Fabrication Certificate May 2016
Associates of Applied Science degree in welding and metal fabrication
Edina High School: Diploma

QUALIFICATIONS

- Performed Oxy/acetylene welding, and brazing in the flat horizontal vertical positions on various joint designs.
- Performed Oxy /cutting on 3/8'' steel plate to print specifications and tolerances
- Performed GMAW short-circuit on sheet metal up to one fourth in all positions
- Performed GMAW spray (flat and horizontal) and Paul spray on steel and aluminum (flat and horizontal)
- Performed FCAW on steel in (flat, horizontal and vertical)
- Performed GTAW on steel. Stainless steel and aluminum in flat, horizontal and vertical positions
- Interpreted blueprints, title blocks and AWS welding symbols
- Used ruler, measuring tape, combination square, caliper and micrometer for layout and of various machined parts and structural shapes
- Programed and fabricated parts per drawing specifications on CNC Burney 1250 plasma cutter
- Programmed and operated Cincinnati CNC press brake fabricating parts per drawing specifications
- Programmed linking E-cell welding robot system
- Welding club president
- D1.1 Qualified in vert up 10 gauge mid steel.

ACCOMPLISHMENTS/CERTIFICATIONS

- Welding and Metal Fabrication Certificate
- Associates of Applied Science degree in welding and metal fabrication

EMPLOYMENT HISTORY

Minneapolis Community and Technical College, 2015-2016
Minneapolis, MN

- Work Study: built tables for welding shop; built 6 structural frames over the 2016 summer for HVAC equipment. Designed and built 8 x 12 angle iron picture frame stand as a collaboration art piece between the Minneapolis Institute of Art and the National Park Service.

- College Lab Assistant: help maintain shop cleanliness, recycle metal; organize equipment and materials. Facilitated Oxy/acetylene safety start-up and shut-down demo, helped students with welding technique and troubleshooting machine malfunctions.

- Welding Assistant at Can Can Wonderland. Help fabricate, weld and install aluminum Hand Guard railing to mini golf course deck.

- Consolidated Precision Products 6/2016-present

  Bloomington, MN

  Production Aerospace Welder

Southwest High School, Super Summer Program, 2008-2016

Minneapolis, MN

- Teach summer classes

Welder Performance Qualification Test Record

Minneapolis Community and Technical College

WPS Number: MCTC GTAW-10	Revision Number: 0
Welder Name Josh Ousley	Social Security Number XXX-XX-5486
Weld Size and Type CJP Groove Weld	Welding Completion Date March 31, 2017
General Welding Variables	
Process Type	GTAW - Manual
Filler Metal Class	ER 70S-2
Electrode Type	EWTh-2
Filler Metal Number	F-6
Current / Polarity	DCEN
Shielding Gas	100% Argon
Joint Type	Square Groove with Backing
Position	3-Vertical Upward
Sheet Thickness	10 gauge (0.1345")
Base Metal Specification	A 1011 / Group I
Witness and Visual Examination Certification	
Visual Examination	(**X**) Accept ( ) Reject

Bend Test Results	
Type	Result
Face Bend	( ) Accept ( ) Reject ( ) N/A – Failed VT
Root Bend	(**X**) Accept ( ) Reject ( ) N/A – Failed VT
Side	( ) Accept ( ) Reject ( ) N/A – Failed VT
Side	( ) Accept ( ) Reject ( ) N/A – Failed VT

I certify that the statements in this record are correct and the test welds were prepared, welded and tested in conformance with the requirements of section 4 of AWS D1.3/D1.3M:2008 *Structural Welding Code – Sheet Steel*

Todd R Bridigum
CWI 07080811
QC1 EXP. 8/1/2019

Signed Todd Bridigum	Title: Instructor/CWI
	Date: April 25, 2017

WELDER EXAMINATION RECORD to AWS D17.1 and AMS-STD-1595

This section to be completed by welder and witness:

NAME OF APPLICANT: Joshua Ousley DATE: August 22, 2017

ID#: W83 Welding Process: GTAW Group of Alloys: X IV (Aluminum) ___ V* (Magnesium)

Weld Test Plate Configuration: HAP-18-05 Exhibit (circle one) (A) B

Weld Schedule: PGI-09-05 Appendix 1 (circle one) (A) B C D

TEST WELD INFORMATION:

Weld Position: Flat Weld Type: Groove Type of joint: X Single ___ Double

Preheat Temperature 300°F Inert Gas Flow Rate 25 SCFH Type of Gas Argon

Cup Size #5 Amps 220 Electrode Size 1/8" Base Plate Material F357

Filler Rod Material R357 Weld Rod Lot # 443181 Manufactured By Alcotec

Rod Diameter 1/8" Equipment Make & Model Miller Dynasty 350

Current Type X AC ___ DC Full penetration (through-wall) X Partial penetration X

Type of Back-Up Used ** ___ Copper X Stainless Steel If other, specify ___

**Back-Up must be used on the through wall welds

TEST RESULTS:	ACCEPT	REJECT	BY
Visual Inspection (as welded)	X		
Visual Inspection	√		
FPI	√		
Radiographic Inspection	√		
Metallographic Inspection (Area #1)	X		

TENSILE PROPERTIES:	TENSILE	YIELD	ELONGATION
Test Bar - Area #2	49.0	41.6	3.9
Test Bar - Area #3	51.8	42.3	8.1
Test Bar - Area #4	51.8	42.9	9.8
Test Bar - Area #5 Control	52.3	42.8	10.3

Based on the above results, the applicant is approved to weld according to the following parameters:

Castings of base alloy: X Aluminum ___ Magnesium

Current Type: X AC ___ DC

Weld thickness range: 0.084" to 2.48"

Other Restrictions: ___

Signature of Applicant: Joshua Ousley Date 8-22-17

Welding Witnessed By: S. Koeperand Date 8-10-17

Signature of Welding Supervisor [illegible] Date 8-25-17

Signature of QA: MaryAnn Kaufman Date 8/25/17

Signature of Authorized Inspector Joseph T. Hinds Date 8-22-17

*Alloy group classification is per AMS-STD-1595 which was the same classification used by MIL-T-5021D

Re-Qualification Test Plate Due: 8-22-18

When this form is completed:

If initial qualification, notify the applicable Welding supervisor that a) the welder has passed test plate, b) the alloy group, c) the date, and d) to complete form H18-49. If this welder is already qualified to another alloy group within this specification, another form H18-49 is not required.

When the completed Form H18-49 (if required) is received from the supervisor :

1) Complete Form Q11-54 and give to Gage Control set up a recall record for the Welder's re-qualification to AWS D17.1 and AMS-STD-1595 for this alloy
2) Notify Gage Control to set up a recall record for Welders Verification Workmanship (P18-01) per the schedule in HAP-18-05
3) Notify the QSE to update the Weld Certification Summary (P09-112), for qualification to AWS D17.1 and AMS-STD-1595 for this alloy
4) Set up a qualification binder for the welder in HR, and file the original documents and form H18-49

If re-qualification:

1) Email Gage Control to update the recall log for welder qualification to AMS 1595 and welders verification workmanship

CPP - Minneapolis Operation

Aug 22, 2017

TENSILE PROP OF METALS(5K)

Report No. 82895

Test Date 22-Aug-17 Testing Machine SFM-30

Operator	Dan Thomsen	Heat Number	H739
Item Number	901917M	Part Number	6 X 8 TEST PLATE
Customer	CPP-MINNEAPOLIS	Tens KSI (MIN)	38.0
Material Description	F357T6	Yield KSI (MIN)	30.0
Spec. Number	AMS 4289	Elong % (MIN)	2.0
Bar Type	M		

Load Cell Capacity (Lbs)	30000	Extensometer S/N	5433
Loadcell S/N	TV105462	Extensometer Range (IN)	0.5
Rate to Yld (%/MIN)	0.5	Ext Gage Length (IN)	1
After Yld (IN/MIN)	0.05		
Comments	WELDER JOSHUA LEEE OUSLEY		

Melt ID	SN/Cstg No	Bar No	Width (IN)	Thick (IN)	Area (IN^2)	Tensile (KLb)	Tensile (Kpsi)	Yield (KLb)	Yield (Kpsi)	Total Elong (%)	EL (IN)	Notes
01317FM0460	-5	W2	0.2510	0.0000	0.0495	2.423	49.0	2.060	41.6	3.9	1.039	
01317FM0460	-5	W3	0.2510	0.0000	0.0495	2.561	51.8	2.091	42.3	8.1	1.081	
01317FM0460	-5	W4	0.2510	0.0000	0.0495	2.564	51.8	2.123	42.9	9.8	1.098	
01317FM0460	-5	C5	0.2515	0.0000	0.0497	2.600	52.3	2.126	42.8	10.3	1.103	
		Mean	0.2511	0.0000	0.0495	2.537	51.2	2.100	42.4	8.1	1.081	
		Median	0.2510	0.0000	0.0495	2.561	51.8	2.091	42.3	8.1	1.081	
		Std Dev	0.0002	0.0000	0.0001	0.078	1.5	0.031	0.6	2.9	0.029	

W2 - Plenty of gas porosity, small to medium-sized voids, tan crescent-shaped oxide
W3 - No evidence of weld (failed outside weld zone)
W4 - Plenty of gas, mostly small voids, with one large void
C5 - Parent

CPP MN TT 6

Tested and Approved by:_____

See Certifications for Calibration Information

Aluminum Welder Qualification Report-AMS 1595 and BPS 4470

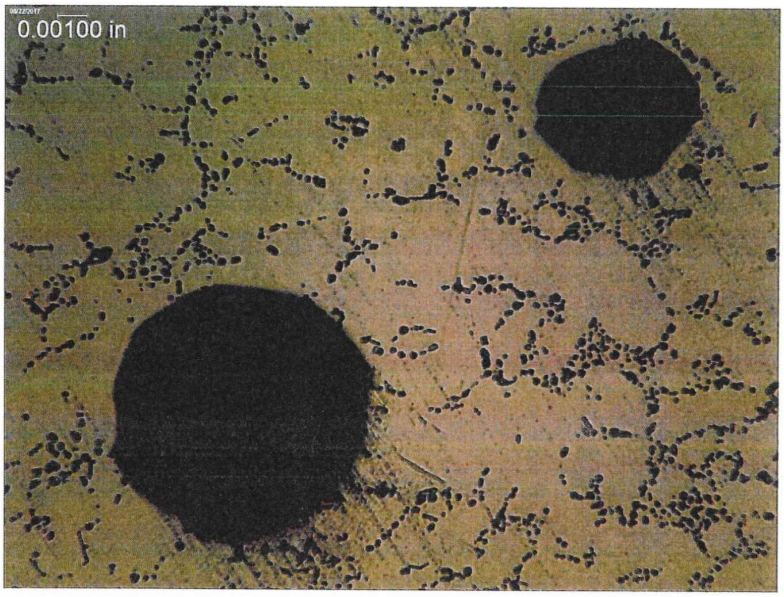
Name: Joshua Ousley Alloy: F357-T6

Welder Identification: W83 Etched with Keller's reagent

10X Photomicrograph illustrating fusion characteristics and weld defects

Porosity: 2.9% Largest void: 0.009"

Cracks: None Undercuts: None Incomplete fusion: None



100X photomicrograph illustrating worst porosity area and/or weld defects

Date: 8/22/2017 Reviewed By: Joe Hirvela Status: OK