



Welder Qualification Record

Certified to perform the following IAW GCVWC 12472301
Ground Combat Vehicle Welding
Material Category (Aluminum)
Welding Process: GMAW Pulse
Alloy: 5083 Aluminum
Thickness: .375
Filler Metal Specification: AWS 5.10
Class: ER5356

Certified to perform the following IAW MIL-STD-2219
AWS D17.1
Material Category (Aluminum)
Alloy: 6061 Aluminum
Thickness: .500

Certified to Specification MIL-STD-248 (Steel – Steel)
Certified to perform the following IAW MIL-STD-248
Material Category SI (Carbon Steel)
McNally, Welding Procedure Specification: WPS1.100
McNally, Procedure Qualification Record: PQR1.101
Wire Size: .045
Type: Gas Metal Arc Weld
Position: Flat
Process: Semi-Automatic, Short Arc
Material qualification thickness: 1.0

Certified to Specification MIL-STD-248 (Steel – Steel)
Certified to perform the following IAW MIL-STD-248
McNally, Welding Procedure Specification: WPS1.300
McNally, Procedure Qualification Record: PQR1.301
Wire Size: 1/16
Type: (TIG) Gas Tungsten Arc Weld
Position: Flat
Process: Manual
Material qualification thickness: .250

Certified to Specification MIL-STD-248 (Steel – Steel)
Certified to perform the following IAW MIL-STD-248
McNally, Welding Procedure Specification: WPS1.400
McNally, Procedure Qualification Record: PQR1.401
Wire Size: .045
Type: Gas Metal Arc Weld

Position: Vertical/ Down
Process: Semi-Automatic
Material qualification thickness: .375

Certified to Specification MIL-STD-248 (Steel – Steel)
Certified to perform the following IAW MIL-STD-248
McNally, Welding Procedure Specification: WPS1.400
McNally, Procedure Qualification Record: PQR1.402
Wire Size: .045
Type: Gas Metal Arc Weld Pulse
Position: Vertical
Process: Semi-Automatic
Material qualification thickness: .375

Certified to Specification MIL-STD-248 (Steel – Monel)
Certified to perform the following IAW MIL-STD-248
McNally, Welding Procedure Specification: WPS2.100
McNally, Procedure Qualification Record: PQR2.101
Wire Size: 1/8 Monel 190
Type: Metal Arc Weld
Position: Flat
Process: Manual – Stick
Material qualification thickness: .375
Material qualification: Monel - Steel

Certified to Specification MIL-STD-248 (Steel – Hardfacing)
Certified to perform the following IAW MIL-STD-248
McNally, Welding Procedure Specification: WPS2.200
McNally, Procedure Qualification Record: PQR2.201
Wire Size: 5/32
Type: Metal Arc Weld
Position: Flat
Process: Manual – Stick
Material qualification thickness: .750
Material qualification: Stellite 25 - Steel

Visual Inspection IAW MIL-W-248
Welding Safety
What is Visual Inspection
Welding Discontinuities
Welding Symbols
GMAW process variables
Vision Test Requirement, IAW MIL-STD-248, Paragraph 6.4.11