

US DOL SPONSORED TAACCCT GRANT: TC23767

RELEASE DATE

10/06/2015

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Gas Tungsten Arc Welding (Steel and Stainless Steel-Flat and Horizontal)

Project 5 - Specification and Print

PRIMARY DEVELOPER: Kevin Ridge, Welding Instructor, Henry Ford College

Weld Type	Square Groove				
Welding Process	GTAW				
Position	Flat				
Material	1/8" Stainless Steel				
Joint Type	Butt				
Backing Option	Square Groove				
Backing Material					

Polarity	DC+
Electrode	308
Transfer Mode	
Tungsten Electrode	2% Ceriated
Shielding Gas	100% Argon
Flow Rate	25 cfh
Cup Size	

Welding Procedure											
Weld Layers	Pass No.	Process	Filler Metal Classification	Filler Metal Diameter in (mm)	Current Amps	Current Type and Polarity	Wire Feed Speed	Volts	Remarks		
Stringer	Butt	GTAW	308	1/16"	75a	DC+					





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Heat Treatment:

Preheat Temperature:

Post Heat Temperature:

Interpass Temperature:

Stress Relieving:

Technique: Butt Joint single pass weld

Additional Notes: Show instructor progress every 30 minutes, minimum.





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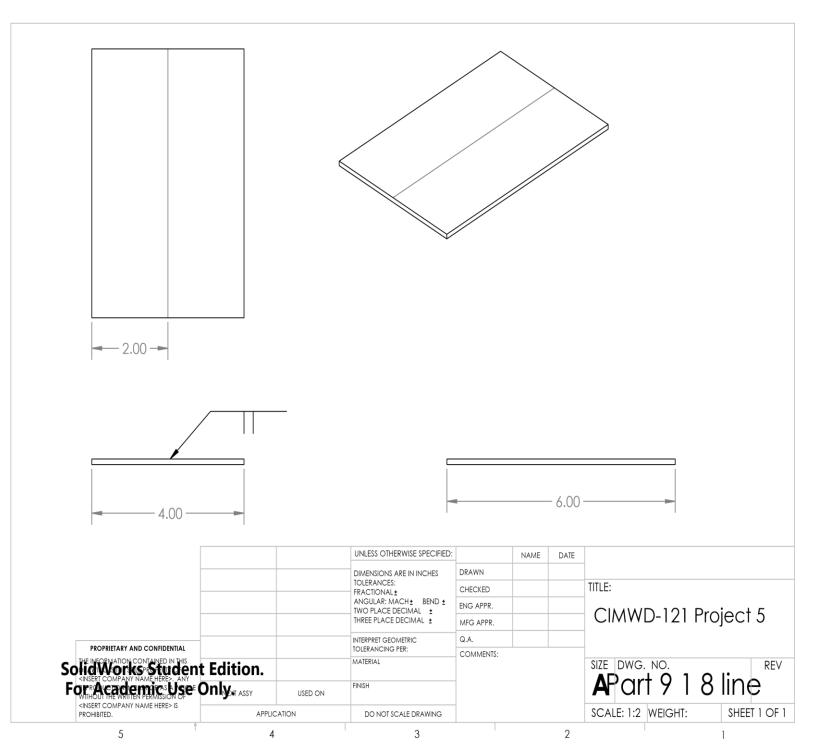
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