

2022 Regional Welding Fabrication Scoring Rubric

Team # _____

Category Evaluated	Possible Points	Point Breakdown	Points Awarded
3 team members present <input type="checkbox"/> Yes <input type="checkbox"/> No (Cannot medal if less than 3)			
Portfolio Folder Portfolio must contain the following items: 1. Cover sheet with a blank to write the contestant number (Number will be provided the day of the event) 2. Provide at least 3 photos a. Initial material mark-ups and how you will cut it. b. Materials once cut into proper dimensions. Include waste in your photo. c. Fully assembled cart. 3. A copy of the plans for the cart.	100 pts.	<ul style="list-style-type: none"> • Cover page – 15 • Layout photo – 25 • Material photo – 25 • Fully Assembled photo – 25 • Welding plans - 10 	
Interview Presentation: <ul style="list-style-type: none"> • Throughout Interview and Presentation all three students need to take a part in the presentation and demonstrate they were actively engaged in the project. • Students should have a professional presentation and appearance. • Students should use the portfolio as a reference and be able to show correlation of welds on the project to the welds on the plans. • Students should explain how they constructed the project as a team. • Students should explain any challenges faced and how they worked through them. 	100 pts	<ul style="list-style-type: none"> • All 3 students involved in presentation – 15 • Eye Contact and Professionalism – 10 • Salesmanship - 25 • Use of Portfolio in Presentation - 10 • Decision-Making Process -15 • Weld Selection – 25 	
Welds and Measurements <ul style="list-style-type: none"> • Correct Materials (any materials not on original Bill of Materials equals 0 points) • Weld process selection • Weld quality • All bends shown on prints can be welded if the school did not have access to a bender. 	200 pts	<ul style="list-style-type: none"> • Materials – 50 • Weld selection – 50 • Weld quality – 100 	
Assembly Inspection <ul style="list-style-type: none"> • Demonstrate ability to use the project as intended. • Project is level and safe to handle. • Project is stable when loads are applied. 	200 pts	<ul style="list-style-type: none"> • Ability to use the project as intended - 40 • Level and safe to handle - 60 • Stability – 100 	
Quality and Craftsmanship <ul style="list-style-type: none"> • Final Product meets minimum specifications of the customer • Quality of Work and Pride demonstrated in this product • This is a saleable item to a customer (customer-ready) • Individuals demonstrated pride and craftsmanship in their work and presentation 	100 pts	<ul style="list-style-type: none"> • Meets Specifications – 25 • Quality – 25 • Customer Ready – 25 • Personal craftsmanship - 25 	
<i>Written test</i>	100	<ul style="list-style-type: none"> • 1 test per team 	
TOTAL Score	800	Record Total Here →	