



4-H Welding (Metalwork)

Judging Sheet

Member Name: _____

County: _____

Jr. _____ Int. _____ Sr. _____ Yrs. in Project: _____

American System Placing: (Check One)	
Champion	_____
Reserve Champion	_____
Placing 3-10	_____
Grand Champion	_____
Reserve Grand Champion	_____
Danish System Award: (Check One) (For County Use Only)	
Blue	_____
Red	_____
White	_____
Project Level: (Check One)	
Introduction to Metalwork	_____

Exhibit: Completed Metalwork/Welding e-Record and manual presented in a sturdy binder. A set of three welded joints and a stand alone project completed during the project year. Judges may use the back of the form for more comments.

Judging Element 1: 4-H e-Record: Complete means that everything has been filled out. Not complete means that there is something missing and needs a comment as to what is missing or why it is not complete. Project will be evaluated on the quality of information completed in e-record (25 percent) and quality of exhibit (75 percent).

Criteria	Complete	Not Complete	Comments
E-Record			
Record Cover			
4-H Projects taking this year			
What activities helped you learn the skills for the project? (workshops, project meetings, classes, contests, etc.)			
What Leadership Development experiences did you participate in?			
Citizenship/Community Service in 4-H			
Demonstration/Presentations/Speeches			
Expense Record			
Project Photos (12 minimum total)			
Story			

Criteria	E	G	F	N/I	Comments
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Judging Element 2: Welded Joints N/I=Needs Improvement -must have comments

3 Weld Joints (lap, butt and T)					
Appropriate Material (type, length & thickness)					
Cleaned Welds (free of slag soot spatter and finishes)					
Accuracy of Joint (Level, square and centered)					

Criteria	E	G	F	N/I	Comments
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Judging Element 3: Welded Project N/I=Needs Improvement -must have comments

Appropriate Tools Used (Welding process, cutting tools, dressing tools, hand tools, etc.)					
Accuracy of Cuts (Accurate measurements, free of slag or burrs)					
Difficulty and Precision of Joints (Simple or compound angles, multiple joints)					
Proper Welding (Even width, height and travel of bead, penetration of bead)					
Welding Bead Appearance (removal of slag, soot and/or spatter, no chipping dents)					
Proper Metal Used for Project (Proper size, thickness, weight for project)					
Functional and Attractive Project (useful design, ease of use, aesthetics)					