

Revised 2021 Kansas 4-H Ag Mechanics Judging Score Sheet

Exhibitor: _____ Class: 55 _____ Type: Welding Brazing Smithing
 Level: 1 2 3
 1=Excellent 2=Good 3=Fair 4 = Shows Promise 5 = Needs Improvement NA= Not Applicable

General Exhibit Requirements:

Appropriate skill level for age	1	2	3	4	5	NA
Includes information pack [§ 17]	1				5	NA
Includes a bill of materials [§ 18a.]	1	2	3	4	5	NA
Includes pictures 1 to 5 pages of photos [§ 18b.]	1	2	3	4	5	NA
If appropriate, includes schematics or drawings [§ 18c.]	1	2	3	4	5	NA
If appropriate, includes operating instructions [§ 18d.]	1	2	3	4	5	NA
Exhibitors name in a prominent location on the display [§ 15]	1				5	NA
Dimensions do not exceed 3'x3'x3' and weight is less than 150lbs [§ 3]	1	2	3	4	5	NA
Wheeled exhibits have a breaking mechanism [§ 4]	1	2	3	4	5	NA
Exhibit is free standing or supported and is moveable [§ 5, 6, & 7]	1	2	3	4	5	NA
No wet paint (spot painting) [§ 8]	1				1 RP	NA
Cutting surfaces have a protective covering over them [§ 10]	1	2	3	4	5	NA
No weapons [§ 11]	1				DQ	NA
Powered exhibits free of fuel/have primary disconnect switch [§ 12&13]	1	2	3	4	5	NA
	1	2	3	4	5	NA
Bonds (welding, braising, etc.) are of sufficient strength for intended use	1	2	3	4	5	NA
Bonds are clean and free of excess flux, wire, slag, splatter, etc	1	2	3	4	5	NA
Bonds are consistent/even	1	2	3	4	5	NA
Cracks are not evident in/through bond	1	2	3	4	5	NA
“Blow through” is not evident	1	2	3	4	5	NA
	1	2	3	4	5	NA
	1	2	3	4	5	NA
For smithing, exhibit contains minimum number of elements for the class	1	2	3	4	5	NA
Formed elements are consistent for the duration of the element	1	2	3	4	5	NA
	1	2	3	4	5	NA
	1	2	3	4	5	NA
	1	2	3	4	5	NA

Notes:

Placing: Purple Blue Red White Disqualified