

Revised 2023 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 [§ 20]	1				5	NA
Includes a bill of materials [§ 21.a]	1	2	3	4	5	NA
Includes pictures 1 to 5 pages of photos [§21.b]	1	2	3	4	5	NA
If appropriate, includes schematics or drawings [§ 21.c]	1	2	3	4	5	NA
If appropriate, includes operating instructions [§ 21.d.]	1	2	3	4	5	NA
Exhibitors name in a prominent location on the display [§ 18]	1				5	NA
Wheeled exhibits have a breaking mechanism [§ 3]	1	2	3	4	5	NA
Trailer exhibits have sufficient breaking or chocks (one pair on each side, pairs should be connected together) [§ 4]	1	2	3	4	5	NA
Trailers have a locking mechanism to prevent theft while on display [§ 5]	1	2	3	4	5	NA
Exhibit is free standing or supported and is moveable [§ 6, 7, & 8]	1	2	3	4	5	NA
No wet paint (spot painting) [§ 9]	1				1 RP	NA
Cutting surfaces have a protective covering over them [§ 11]	1	2	3	4	5	NA
Display cases are easily opened to allow judging [§ 12]	1	2	3	4	5	NA
No weapons [§ 13]	1				DQ	NA
Powered exhibits free of fuel/have primary disconnect switch [§ 15&16]	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
Welded plastic is not a 3D printed exhibit	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

Notes:

Placing: Purple Blue Red White Disqualified