

San Antonio Junior Agricultural Mechanics (JAM) Project Show

Documentation (Research) Check Sheet– Special Rule 18 -

(Not for Tractor Restoration)

Reference Only

Documentation influences Showmanship. A Project not having any documentation will be disqualified. A project not having **all** required components (a through d) will be lowered in classification.

OVERALL QUALITY OF RESEARCH PACKAGE _____ For Excellent Overall Quality – All Documents, including suggested items - should be easy to read and arranged neatly in a tabbed notebook with table of contents and pages numbered. This Check Sheet may be used by Showmanship Judges.

	Research Portfolio		Meets Requirements	Quality (If Yes)
A	Drawing – Evident that project was constructed from plans. Drawn to scale with proper lettering & dimensioning. Scale must be identified. May include in addition to multiviews, pictorials (Isometric and/or Oblique)	Required Suggested	Yes _____ No _____	Excellent Good Fair Poor
B	Bill of Materials (BOM) list of materials including 1)Item #, 2)description,3)size, 4)quantity, 5)unit, 6)costs per item, 7) extended costs and 8)Total Costs. Values of OC & PE* items, if used. <u>Trailer projects must identify axle wt. capacity and hub face dimensions in description. See also (d) below.</u> May include: Consumable items, vendors, dates, PO, sales invoice & number. <i>BOM Developed Excel spread sheet is encouraged.</i>	Required Suggested	Yes _____ No _____	Excellent Good Fair Poor
C	Photographs – Maximum Number 40 – Should have 2 with no more than 4 per page. Pictures sequenced, labeled & good quality depicting proper safety procedures. <u>Most pictures to have exhibitor/s in them.</u> Must include pictures of CAE/AST leader supervising (during both phases of project – planning & construction.) Recommend to not put documents in plastic sleeves.	Required	Yes _____ No _____	Excellent Good Fair Poor
D	Research – <u>ASABE Standards</u> –Rule 21 -PTO and/or Three Point Hitch. <u>Codes</u> –Rule 20- Trailer Project, must include relevant DOT Codes including Federal Lighting Table. <u>SDS and/or PI Sheets</u> -Rule 18 - Incl. trailer undercarriage specifications +	Required (Those Attaching to Tractors) (Pulled on Hwy. Incl. Trailers) (All projects)	PTO <u>Y</u> or <u>N</u> Three Point Y or N DOT – <u>Y</u> or <u>N</u> SDS or PI Y or N	

*Other Costs - Opportunity Costs (OC) - value of salvaged (used) materials and/or those on hand and not purchased. May also incl. consumable item costs – electrodes and oxy-acetylene, etc .Professional Expenses (PE) Labor & other costs performed by others.

+ Safety Data Sheet (SDS) and/or Product Information (PI) or Technical Bulletin (TB) – Examples: Paint, Hydraulic Cylinders, Trailer undercarriages incl. Axle loads including hub spacing, spring and wheel descriptions.