

SAN ANTONIO JAM JUDGES EVALUATION SUMMARY (Critique Sheet)

Exhibitor- Original Judges - NCR Yellow Copy

Recorder:	Ribbon Color:
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Class #	Project	Entry #
Criteria	E= Excellent G=Good NI=Needs Improvement <u>Critique Comments</u>	
Workmanship (30) <ul style="list-style-type: none"> • <i>Square</i> - Diagonals & Square • <i>Weld Quality</i> - Uniform bead profile, feathering good penetration, - cold welds, over welding, lack of penetration, under cutting, overlap, distortion control, poor bead profile, pin holes. • <i>Fabrication</i> - Good joints and fit-up. Sharp edges, poor fit up, rough torch cuts. • <i>Weld grinding</i> - excessive or lack of proper grinding, sharp corners. • <i>Paint Prep & Finish</i> - slag and buckshot removal, No body filler - Bondo? Uniform paint coating with no runs. 	<p>_____ Square & True</p> <p>_____ Weld Quality</p> <p>_____ Fabrication - Metal Cutting & Drilling</p> <p>_____ Grinding (leave beads if possible)</p> <p>_____ Paint Prep & Finish (Powder Coating allowed but not rewarded)</p> <p><i>Trailers</i></p> <p>_____ DOT- Inspection _____ Measurements- Check Sheet</p>	
Design (20) <ul style="list-style-type: none"> • <i>Dimensions</i> consistent with drawing. • <i>Materials</i> - Over or under sized for load • <i>Fasteners</i> - screws bolts etc. Screws and bolts coating compatible with treated lumber • <i>Design principles</i> – gussets and braces. Materials – angles, I beams & trusses • <i>Practicality</i> and functionality. 	<p>_____ Dimensions</p> <p>_____ Materials</p> <p>_____ Fasteners</p> <p>_____ Design</p> <p>_____ Practicability</p>	
Documentation (20) <ul style="list-style-type: none"> • <i>Table of Contents & Page numbers</i> • <i>Drawing</i> - To scale, dimensioned, complete enough to build from • <i>BOM</i> -incl OC & PE costs. • <i>Photos</i> - sequenced work in progress, labeled • <i>Research- ASABE</i> standards, DOT info, PI and SDS sheets, and trailer components specifications. 	<p>_____ Organization - Table of Contents & Page Numbers</p> <p>_____ Drawing</p> <p>_____ BOM</p> <p>_____ Photographs (40 Max)</p> <p>_____ Research</p>	
Knowledge Presentation (20) <ul style="list-style-type: none"> • <i>Knowledge</i> of manufacturing <u>process</u> and <u>materials</u>. • <i>Presentation</i> - Speaking ability & Presentation to judges and public, Entry and Display 	<p>_____ Technical Knowledge (Why Questions & Knowledge of Project)</p> <p>_____ Presentation & Entry Card (Project properly entered) Display</p>	
Difficulty (5) <ul style="list-style-type: none"> • <i>Size, scope, complexity</i> - use of several skills and processes, • <i>Sophistication</i>- Intricate, technical and more difficult to build. 	<p>_____ Size, Scope</p> <p>_____ Sophistication</p>	
Safety (5) <ul style="list-style-type: none"> • <i>Safe work environment</i> - Shown in Photos • <i>Safe Projects</i>– good smooth joints & fit-up. • <i>Project displayed safely</i> - . Sharp points & edges protected- Sturdy stands. • <i>Electrical</i> – Extension cords, appliances, video display & computers. 	<p>_____ Safety - Depicted in Photos</p> <p>_____ Safe Project</p> <p>_____ Project Display</p> <p>_____ Electrical</p>	