

SAN ANTONIO JAM JUDGES EVALUATION SUMMARY (Critique Sheet)

Original Exhibitor - NCR Yellow Copy & Green Copy - Judges

Recorder:		Ribbon Color:	
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, others. • <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 is acceptable but not rewarded)</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>Drawing</i> - To scale, dimensioned, complete enough to build from • <i>BOM</i> incl parts, OC & PE costs. • <i>Photos</i>, Shows work in progress, labeled, 40 max • <i>Research</i>- ASABE standards, DOT info, PI and SDS sheets, and trailer components specifications. 	<p>____ Drawing</p> <p>____ BOM</p> <p>____ Photographs</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> in Photos • <i>Safe Projects</i>– good smooth joints & fit-up. • <i>Project displayed</i> safely. Sharp points & edges protected- Sturdy stands. • <i>Electrical</i> – Extension cords – appliances & video display – computers. 	<p>____ Safety - Depicted in Pictures</p> <p>____ Safe Project</p> <p>____ Project Display</p> <p>____ Electrical</p>		