

SAN ANTONIO JAM JUDGES EVALUATION SUMMARY (Critique Sheet)

Exhibitor- Original Judges - NCR Yellow Copy

| | |
|------------------|----------------------|
| 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. <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> | |