



JUDGES EVALUATION SUMMARY

RIBBON COLOR _____

CLASS #	PROJECT	ENTRY #
CRITERIA	E = EXCELLENT G = GOOD NI = NEEDS IMPROVEMENT	COMMENTS
WORKMANSHIP (30) – Square - Diagonals and Square – Weld Quality - Uniform bead profile, feathering, good penetration, cold welds, over welding, lack of penetration, under cutting, overlap, distortion control, poor bead profile, pin holes. – Fabrication - Good joints and fit-up. Sharp edges, poor fit up, rough torch cuts. – Weld griding - Excessive or lack of proper grinding, sharp corners, others. – Paint Prep and Finish - slag and buckshot removal, no body filler - Bondo? Uniform paint coating with no runs.	_____ SQUARE AND TRUE _____ WELD/JOINT QUALITY _____ FABRICATION _____ GRINDING/FINISH _____ PAINT PREP AND FINISH	
DESIGN AND MATERIALS USED (20) – Dimensions consistent with drawing. – Materials - Over or under sized for load – Fasteners - screws, bolts, etc. Screws and bolts coating compatible with treated lumber. – Design principles - gussets and braces. Materials, angles, I-Beams and trusses. – Practicality and functionality	_____ DIMENSIONS _____ MATERIALS _____ FASTENERS _____ DESIGN _____ PRACTICABILITY	
DOCUMENTATION (30) – Drawing - To scale, dimensioned, complete enough to build from – Bill of Materials – Photos - Shows work in progress – Overall Portfolio	_____ DRAWING _____ BILL OF MATERIALS _____ PHOTOGRAPHS _____ PORTFOLIO OVERALL	
DIFFICULTY (30) – Size, scope, complexity, use of several skills and processes – Sophistication, intricate, technical and more difficult to build	_____ SIZE AND SCOPE _____ SOPHISTICATION	
KNOWLEDGE AND PRESENTATION (30) – Knowledge of manufacturing process and materials – Ability to answer questions - Speaking ability and presentation to judges and public and display – Presentation of Project	_____ TECHNICAL KNOWLEDGE AND PRESENTATION	
SAFETY (10) – Safe work environment in photos – Safe Projects - good smooth joins and fit-up – Project Displayed Safely - Sharp points and edges protected, sturdy stands. – Electrical - Extension cords, appliances and video displays.	_____ SAFETY - Depicted in Pictures _____ SAFE PROJECT _____ PROJECT DISPLAY _____ ELECTRICAL	
TOTAL SCORE (150)		