



Project ID# _____

Group Letter: _____

MT (Basic Metalworking Technology) Bench Metals - Sheet Metal - Foundry
Groups eligible to participate A, N and E

_____ **MT- 1 “Bench Metals”** includes any metal object whose primary construction is of bar, rod, or structural shape or pre-cast metal and involving operations normally done with basic machines such as a saw, drill press, grinder, forge or welder. Examples: (jack stand, metal furniture, or shelf bracket.)
 Maximum size to fit in an area 9 sq. ft. assembled

_____ **MT- 2 “Sheet Metal”** includes any project whose primary construction is of sheet metal. Plans including the pattern development (stretch out view) are required. Examples: (Tool box, parts tray, parts washing pan, pipe, elbow, transition piece, or scoop.)

_____ **MT- 3 “Foundry”** is any project made by a metal casting process. The casting will be a finished project with an accompanying rough casting that has a gate system. A pattern may be substituted in lieu of a drawing.

Check Classification above; Entry Title: _____

Entry Checklist: _____ A complete set of plans must accompany the project.
 _____ Technical Report

Comments: _____

Major Evaluation Factors :

Each project will be subject to this checklist with negative points deducted from 100.

Category:	- 4 or more	- 3	- 2	- 1	- 0	Neg. Pts.
Functional & Shows Good Design						
Craftsmanship, Accuracy and Neatness						
Overall Quality and Appearance						
Surface Preparation and Finish						
Complexity – Creativity - Originality	+3	+1	0	-1	-3	
Subtract Negative points from 100					Project Rating =	

Judges may subtract more than the -4 at there own discretion.

Entry Violation: ___ Missing information. ___ No Technical Report: ___ (Total violation) _____

100-90 = I (blue) - 89-80 = II (red) - 79-65 = III (white)

Overall Project Score _____

- 2 or more pts. = shows effort, but more could have been done.
- 1 pt. = a very good effort - with minimal flaws or defects
- 0 pts. = Excellent effort - no mistakes or visible flaws

Student info / Project ID# _____

School. _____

Instructor. _____