



Project Entry ID# _____

PL 01 Plastics Technology

Plastics Technology: Any entry which includes casting, inlaying, shaping, forming, or carving is eligible. A complete set of plans must accompany the project. Any casting that was produced from a student made mold must be accompanied by that mold. All other castings will be assumed to have been produced from commercial molds and therefore do not require a drawing. Examples: (Paperweight, bookends, night lamp, penholder, earrings, or broach.) Or Any entry in which industrial processes or forming and fabrication of plastic are the major operations required is eligible. Also included are thermoforming, injection molding, compression molding, and transfer molding articles. Student-made molds must accompany the project. Examples: (Picture frames, bookends, laminated bow, bowl, vase, lamp, or any item representing the commercial or industrial processes and uses of plastics.) A complete set of plans must accompany the project.

All Groups are eligible to participate.

Classification: PL-1 - Group Letter _____ Entry Title _____

Entry Checklist:

- _____ Set of plans included.
- _____ Entry includes the mold(s) if required.
- _____ Technical Report

Scoring Rubric

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						
Quality, Craftsmanship & Mold Construction						
Accuracy, Neatness and Appearance						
Surface Preparation and Finish						
Complexity – Creativity - Originality						
Subtract Negative points from 100					Project Rating =	

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

Entry Violation: ___ Missing drawings. ___ No Technical Report: _____ (up to -10 Pts) _____

100-85 = I (blue) 84-70 = II (red) 69-0 = III (white) Overall Project Rating _____

- 4 pts. = little effort or numerous mistakes
- 3 pts. = job is incomplete - - several flaws or defects
- 2 pts. = some 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 Name: _____

Course Entry Was Completed In: _____

Instructor: _____ Telephone # _____

School Name: _____

School Address: _____

City _____ Zip: _____

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