EVALUATION FORM FOR POWER AND ENERGY (PE-1)

PE-1 ENERGY

This classification includes any device designated to illustrate one or more types of energy conversion or any device to illustrate one or more methods of power transmission (mechanical, hydraulic, pneumatic, electrical) or any device that combines a type of energy conversion with a method of power transmission. The device must be operational (by means of PLC, computer, EPROM, Remote control, etc.), be accompanied by plans and must have an explanation of the principles involved. Examples: (Robot, small engine, gear and belt arrangements, electrical-hydraulic transmission, device, solar or wind operated devices.)

CLASSIFICATION: PE-1 **GROUP LETTER** _____ **ENTRY NUMBER** _____

Energy

ENTRY TITLE _____

Entry Checklist:

_____ A complete set of plans must accompany the project.
_____ Explanation of principles involved are included.
_____ Technical Report

MAJOR EVALUATION FACTORS RATINGS COMMENTS

0= Very Poor
10(50) Excellent

Originality of design/principle	0	2	4	6	8	10	12	14	16	18	20
Selection of material and components	0	1	2	3	4	5	6	7	8	9	10
Fastening/mounting of components	0	1	2	3	4	5	6	7	8	9	10
Operational/functional: accomplishes explanation of principles	0	5	10	15	20	25	30	35	40	45	50
Complexity for Group Level	0	1	2	3	4	5	6	7	8	9	10
Entry Checklist Violation (See above)											*-10*

Overall project Rating_____

100-85 = I (blue) 84-70 = II (red) 69-0 = III (white) (based on 100 points)

NAME OF STUDENT_____

NAME OF SCHOOL_____ADDRESS OF SCHOOL_____

INSTRUCTOR_____CITY_____TELEPHONE #_____

NAME OF COURSE ENTRY WAS COMPLETED IN:_____