

EVALUATION FORM FOR ELECTRICITY-ELECTRONICS (EL-3)

EL-3 ELECTRICAL WIRING

This classification includes any entry which involves components used in commercial and residential wiring circuits that demonstrates (through the use of models) various circuits utilized. Each entry must have a complete set of plans and/or schematics, an explanation of operation, and operating instructions (if the operating procedure is not obvious).

CLASSIFICATION: EL-3 **GROUP LETTER** _____ **PROJECT NUMBER** _____

Electrical Wiring

PROJECT TITLE _____

Entry Checklist:

- _____ Complete set of plans/schematics included
- _____ Explanation of operation included
- _____ Operating instructions included
- _____ Technical Report

MAJOR EVALUATION FACTORS RATINGS COMMENTS

0= Very Poor
10(20) Excellent

Circuit Performance	0	1	2	3	4	5	6	7	8	9	10
Quality of Splices	0	1	2	3	4	5	6	7	8	9	10
Taping techniques and/or proper use of solderless connections	0	1	2	3	4	5	6	7	8	9	10
General internal/external appearances	0	1	2	3	4	5	6	7	8	9	10
Bare exposed wires and/or loose connections	0	1	2	3	4	5	6	7	8	9	10
Quality of screw terminal/push-in connections	0	1	2	3	4	5	6	7	8	9	10
Adheres to Electrical Code	0	2	4	6	8	10	12	14	16	18	20
Quality of Plans, Schematic, & Operation Instructions	0	1	2	3	4	5	6	7	8	9	10
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: _____