

2011/2012 DISTRICT-10 SKILLS U.S.A. COMPETITION FORMAT. **(RESIDENTIAL WIRING)**
FRIDAY JANUARY 20, 2012

TIME -----9:30 – 3:00

(REGISTRATION AT 9:30 / PROMPTLY FOLLOWED
BY COMPETITION)

LOCATION-----ELECTRICAL OCCUPATIONS CLASSROOM

A. GENERAL RULES

1. ALL WORK SHALL BE NEAT AND PROFESSIONAL.
2. ALL WORK SHALL CONFORM TO THE 2011 NATIONAL ELECTRICAL CODE.
3. THE CONTESTANT WILL PROCEED THROUGH THE REQUIRED TASKS IN ANY ORDER, UPON COMPLETION OF ANY TASK PLEASE NOTIFY THE CONTEST JUDGES, BEFORE PROCEEDING TO THE NEXT TASK.

B. EQUIPMENT SUPPLIED.

ALL NECESSARY MATERIALS/EQUIPMENT/COMPONENTS NEEDED TO COMPLETE EACH TASK WILL BE SUPPLIED BY C.C.C.& T. C.

C. CONTESTANT MUST PROVIDE.

1. ALL NECESSARY ELECTRICAL HAND TOOLS.
2. SAFETY GLASSES.
3. HARD TOED SHOES. (WORK BOOTS)
4. VOLT-OHM METER OR EQUIVALENT.

D. CONTEST COULD CONSIST OF THE FOLLOWING TASKS.

1. WIRING A BASIC 100-AMP SERVICE. (WEATHER HEAD, METER SOCKET, PANEL BREAKERS ECT.) (PANEL SQ-D QO TYPE)
2. WIRING A 125-AMP SUBFEED PANEL. (PANEL SQ-D QO TYPE)
3. WIRING BASIC RESIDENTIAL CIRCUITS.
4. BENDING ½-INCH THIN WALL CONDUIT.
5. USING 12-INCH PVC CONDUIT.
6. WIRING LOW VOLTAGE CIRCUITS.
7. CALCULATING BASIC RESIDENTIAL LIGHTING LOADS.

NOTE!! ALL PANELS WILL BE SQUARE “D” QO

IF YOU HAVE ANY QUESTIONS PLEASE FEEL FREE TO CONTACT ME AT CRAWFORD COUNTY
CAREER & TECHNICAL CENTER
1-814-724-6024 EXTENSION 216

RODERICK J. FRAZIER



ELECTRICAL OCCUPATIONS INSTRUCTOR C.C.C. & T. CENTER