Industrial Motor Controls

Update

This year’s contest will be held at Fred Eberle Technical Center in Buckhannon.

There will be a 25 question written test based on the National Electrical Code and motor control knowledge. It will be open book using the NEC and Ugly’s Electrical Reference book. No NEC Handbooks or Ugly’s specialty books.x

The wiring portion will be wiring a motor control situation. Some of the components used are:

1. Eaton starter – size 1
2. Control relays
3. Timing relays
4. Photo sensor or Photo cell

There will be a material identification test.

There will be conduit bending project using ½” EMT conduit.

Only tools on the tool list that will be sent out may be used. If you bring anything not on the list, it must be approved by the judges.

Once a contestant has finished and checked out with the judges, they may not return to the contest area.

If there is time after judging the competition, the judges will go over the project with the contestants.