PumpSmith

Field Motor Test

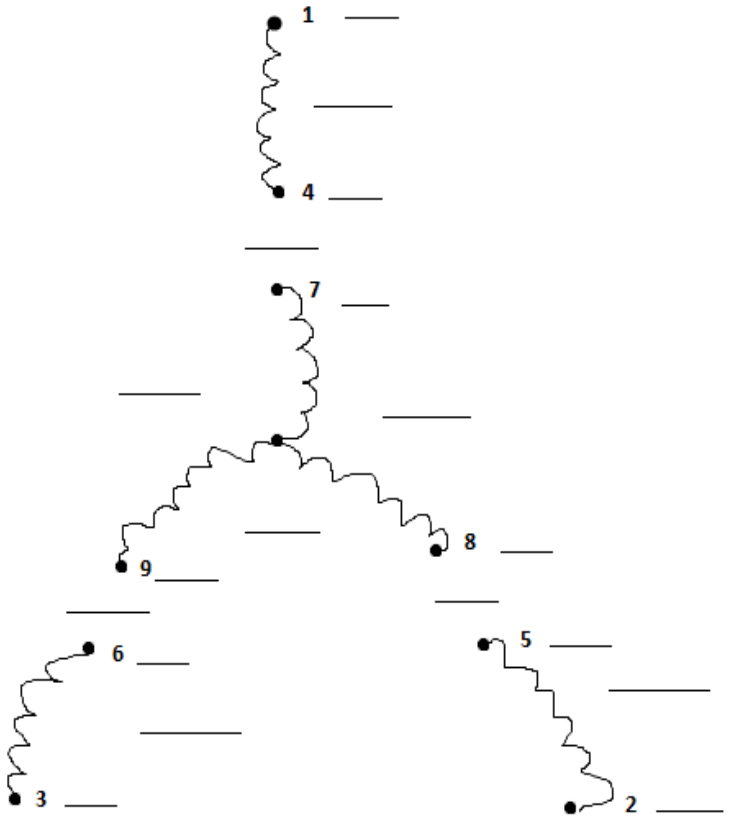
Job#_____Date: _____ Location:_____

Description: _____

Motor Info: Make: _____ Frame: _____ Hz: _____

Model: _____ HP: _____ RPM: _____ S/N: _____ Voltage: _____

STEPS 3-7 USE A MULTIMETER (Ohms) **STEP 8 USE MEG METER (HIGHER VOLTAGE SETTING IF A VFD OPERATES IT)**



1. TURN POWER OFF!

2. Discnnect all leads.

3. Measure resistance between wires 7&8, 8&9, 9&7. All three readings should be the same.

4. Measure resistance between wires 1&4, 3&6, 5&2. They should be about half of what was measured in step 3. More importantly the readings should be equal.

5. Measure the resistance of wires 1&4 (together) to every other wire. There should be infinite resistance. No connection.

6. Measure the resistance of wires 5&2 (together) to every other wire. There should be infinite resistance. No connection.

7. Measure the resistance of wires 3&6 (together) to every other wire. There should be infinite resistance. No connection.

8. Measure the resistance of each individual wire to motor frame (ground). There should be infinite resistance. No connection.

Notes:

DATE: _____ TECH NAME: _____ SIGNATURE: _____