Kentucky CTE

Advanced Manufacturing: Industrial Maintenance Technology: Industrial Maintenance Electrical Motor Controls 470348 (2026–2027)

Practice and perform safe shop procedures at all times. 1	1 Practice and perform safe shop procedures at all times. 1
Apply the technical math required for employment opportunities in maintenance. 2	2 Apply the technical math required for employment opportunities in maintenance. 2
Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3	3 Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3
Connect control relay systems. 4	4 Connect control relay systems. 4
Connect a dynamic braking circuit for AC motors. 5	5 Connect a dynamic braking circuit for AC motors. 5
Test magnetic starters. 6	6 Test magnetic starters. 6
Connect overload relays int cir	7 Connect overload relays into starting control circuits. 7

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Connect reduced voltage starters. 8

8 Connect reduced voltage starters. 8

Connect time delay relays. 9

9 Connect time delay relays. 9

Connect motor for automatic controls. 10

10 Connect motor for automatic controls. 10

Connect automatic reduced voltage starter for DC motor control. 11

11 Connect automatic reduced voltage starter for DC motor control. 11

Connect limit switches. 12

12 Connect limit switches. 12

Connect motor control circuits for plug-ins. 13

13 Connect motor control circuits for plug-ins. 13

Connect point starters for DC motors. 14

14 Connect point starters for DC motors. 14

Connect push button stations. 15

15 Connect push button stations. 15

Connect selector switches. 16

16 Connect selector switches. 16

Connect sensing devices (non-electric). 17

17 Connect sensing devices (non-electric). 17

Connect magnetic starters. 18

18 Connect magnetic starters. 18