

Group 8: Duc nguyen & Hieu Nguyen

There are two main parts in the circuit operation: main power distribution circuit diagram (sheet 1, 2) and control circuit diagram (sheet 3, 4, 5). The first circuit supports power for the second circuit.

The first circuit operates with a three-phase load with protection devices. Main power distribution circuit also has two power supply for 24VDC. The second circuit operates with 24VDC. The first 24VDC power supply gives power for PLC, all I/O cards and other instruments except sensors with the limit current not exceeding 5A. The other one gives power for all sensors.