

Before energizing

- 1) Give equipment a thorough visual examination to determine that:
  - A) Proper clearances have been maintained
  - B) All connections have been made
  - C) Equipment is clean and dry
- 2) Make a thorough physical examination to verify:
  - A) Tightness of all bolted connections – see table
  - B) Manually operate all circuit breakers, switches, relays, etc.
  - C) Check rigidity of all mountings, bus bars and components
- 3) All switches and circuit breakers should be in the off position
- 4) Mount covers and close doors

**Recommend Torque Requirements**

SCREW TYPE	SCREW SIZE	TORQUE	TOLERANCES
Slotted or Phillips	#10-32	30 in.-lbs.	5 in.-lbs.
	#12-24	38 in.-lbs.	5 in.-lbs.
	1/4"-20	45 in.-lbs.	5 in.-lbs.
	5/16"-18	60 in.-lbs.	5 in.-lbs.
SCREW TYPE	SCREW SIZE	TORQUE	TOLERANCES
Hex Head	1/4"-20	72 in.-lbs.	10 in.-lbs.
	5/16"-18	85 in.-lbs.	10 in.-lbs.
	3/8"-16	175 in.-lbs.	15 in.-lbs.
	7/16"-14	399 in.-lbs.	20 in.-lbs.
	1/2"-13	375 in.-lbs.	25 in.-lbs.

\*Use 80-in.-lbs. when threaded in aluminum bus connection.