

The E-Stop is commonly thought of as the red button that an operator pushes to shut down electrical power to a hoist in an emergency. It is more than just a red button, it also contains several contact points that break contact when the red button has been pushed in. The E-Stop is part of the control circuit and when it has been pushed in, it is normal and necessary that the hoist does nothing.

Inspection procedure

- A visual inspection can be made to determine if the E-Stop has been pushed in. Try pulling the E-Stop out on single-phase hoists, twist and pull out the red button on 3 phase hoists. Now check to see if normal hoist operation is restored.
- Beyond basic field checks of resetting an E-Stop, in the shop a multi-meter can be used to check for proper AC voltage supply.
- Use a multi-meter to check continuity through the contacts and assure normal operation.
- Inspect all wire connections and make sure that they are tight.

Corrective actions: If the E-Stop fails the multi-meter inspection for continuity or has visible signs of damage, with the exception of loose wires, replace it. *NOTE: When checking for continuity, the machine should be unplugged. Wires from one side of the contact should be removed completely to assure that phantom readings are not encountered.*

For questions or comments, contact Customer Service at 1-800-560-CLIMB (2546) or customerservice@safeworks.com.