

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.

The E-Stop

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.

Seattle, WA 98188 USA Internet: <u>www.PowerClimber.com</u> © 2008
--

THIS DATA SHEET AND ALL REPRODUCTIONS ARE THE PROPERTY OF POWER CLIMBER® ALL DIMENSIONS AND FIGURES ARE SHOWN FOR GENERAL INFORMATION ONLY AND SHOULD BE CONFIRMED BY POWER CLIMBER® BEFORE BEING USED FOR DESIGN OR CONSTRUCTION PURPOSES. ALL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. POWER CLIMBER® IS A DIVISION OF SAFEWORKS, ® LLC.