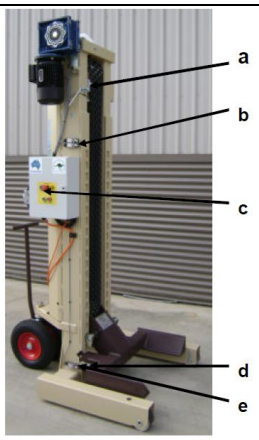
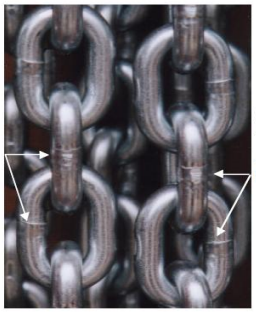
Pre-Operational Checks for Portalift Hoist

The Endurequip Operator's Manual, and refers to "Operating Instructions".

It is the operator's duty to be familiar with the operation and safety features of the hoists.

Pre-operational safety checks are there to protect you.

	Inspected Item
1	Visual check for damage
2	Check all emergency stop buttons on each post and control cabinet (if you have one)
3	These devices can be checked by manual activation. While running the hoists up or down activate these Switches: a) The slack chain sensor b) The upper limit switches c) The emergency stops d) The safety pawl mechanism e) The lower limit switch 
4	Check ***Safety Locking Pawls*** penetrate the safety flats on each post and NOT covered in grease. 
5	Check chain for twists. CHAIN WITH TWIST Joins facing front and **left**  CHAIN LINKS IN NORMAL POSITION Joins facing front and **right**
6	Visual inspection of all cables and plugs.
7	Visually inspect each chain and how they pass over nylon rollers: top + bottom.
8	Listen for strange noises.
9	Tyre pressure: 172 kpa (if pneumatic tyres fitted)

Report all damage. If any safety features are not working correctly do not use the hoists.

SIX things that stop the hoists.

1. **E-Stop** has been activated or are sticking (usually from excess energy when activated)

2. Failure to complete circuit. If you are NOT using all hoists in the set, you need to insert the **BRIDGING PLUGS** to complete the circuit.

3. **FULL CURRENT limit switch** has been activated. Refer to Operator's Manual to reset. Once activated the lever has to be removed to reset, then it MUST go back to the same position. Look for factory centre punch marks.

4. **SLACK CHAIN SWITCH** has been activated. If one has activated, there is a chance others have, you will have to reset each hoist.

    a. Cradle of hoists need to be lifted before coming down to ensure the Safety Pawls have time to retract and not catch on the Safety Flats.

5. **Cable damage**. Inspect cables for physical damage.

6. **Thermal Overload.** Each cabinet has a thermal overload to protect the motor.