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## **OVER CURRENT TEST For Control Techniques SK Drives**

First get the lift ready with the power on and the e-stop pushed in, the drive should display "ih".

Press "M" button on the drive, the drive should display "01" flashing on the left and "00" on the right.

Press the up arrow button and the display will change to "02" flashing on the left and "60" (or your top speed setting) on the right.

Press the up arrow until you get "06" flashing on the left and your motor rated current on the right (make note of this setting as you will be resetting this at the end of the test).

Press the "M" button and the display will change to "06" on steady on the right and "XX" (your current setting) flashing on the left.

Press the down arrow key and decrease the "XX" (your current setting) to "01".

Press the "M" button twice and the display should return to "ih".

Return the e-stop to normal and reset the lift.

Start the lift observe that the drive trips for over current and the display should read "OI.AC"

**END OF TEST**

After the test is complete turn off the power to reset the drive power must remain off until the drive display becomes blank.

Turn the power on.

Press the e-stop so the drive displays "ih".

Press "M" button on the drive, the drive should display "01" flashing on the left and "00" on the right.

Press the up arrow until you get "06" flashing on the left and "01" on the right.

Press the "M" button and the display will change to "06" on steady on the right and "01" flashing on the left

Press the up arrow key and increase the "01" to "XX" (your previous setting).

Press the "M" button twice and the display should return to "ih".

Return the e-stop to normal and reset the lift.

Check the lift to make sure you are running normal. If the drive trips on an over current "OI.AC" then return to end of test and make sure parameter 6 is set to your motor current.