

## Control fault codes

The following error codes will display on the user interface located on the face of the control panel. To clear a fault follow the on screen instructions. Should a fault continue to display contact Amarinth on 01394 462 120 and ask for Ci-Nergy technical support.

Display / Error	Cause	Remedy
ACTIVE FAULT E-STOP TRIGGERED	Emergency stop button pressed.	Release the emergency stop button and on turn the controller (start/stop button – S/S).
ACTIVE FAULT INVERTER FAULT	Inverter fault.	Fault code from inverter will need to be ascertained (see inverter fault codes below).
SENSOR FAULT	Pressure sensor failed or outside normal operational range.	Replace faulty sensor
HIGH STEAM PRESSURE	High pressure in vapour space of tank – possible steam trap failed.	Check condensate return line / steam traps.
HIGH LEVEL ALARM	Tank overflowing. High condensate return rate. Inverter tripped out.	Check condensate return rate. Fault code from inverter will need to be ascertained (see inverter fault codes below).

## Inverter faults codes

The following error codes will display on the inverter screen located inside the control panel. Care must be taken when reading an inverter error code as you will need to open the control panel door, turn off all breakers except for QF2 and turn the unit back on at the mains isolator. Note there are now live circuits in the panel. Navigate to b97 to review the alarm logs. For more information refer to the inverter manual.

Display	Error	Cause	Remedy
OH	The inverter is overheated during stop	Ambient temperature too high or poor ventilation.	Improve ventilation
OCA/OCS	Over-current at acceleration/start-up	Short circuit between motor wiring and earth.	Check motor wiring
OVC	Over voltage during operation/deceleration	Power voltage varies widely.	Use a reactor on the power input side
OHC	High heat sink temperature during operation	Heavy load. Ambient temperature too high or poor ventilation.	Check system loads/throttle pump discharge Improve ventilation Check inverter cooling fan is operation Check the setting value of b87
OLI	Motor overload	Heavy load. Improper setting of b09 (motor current).	Check system loads/throttle pump discharge Set b09 correctly according to motor nameplate current
OL2	Inverter overload	Heavy load.	Check system loads/throttle pump discharge
OCL	Over current limit	Heavy load. Continuous over load.	Set stall prevention function from b23 to b29
LVC	Under voltage during operation	Power voltage too low. Power voltage momentary dip.	Improve power quality Use a reactor on the power input side