Getting to know your iBrid™ MX6

The gas-monitoring screen gives you important information about your unit’s status.

What your MX6 is telling you and what you should do about it.

When the gas-monitoring display screen appears without any service or alarm indicators, the unit has no faults and needs no service.

No faults

Use it.

Bump Due, Cal Due, ZERO, B F, and CAL tell you that your unit is in need of service.

The unit is requesting a bump test (CO shown).

Dock it*.

The unit is requesting a calibration (CO shown).

Dock it*.

One or more sensors has failed a zero (H2S and LEL shown here).

Dock it*.

If the message persists, see your supervisor.

One or more sensors has failed bump test (CO and LEL shown here); the unit is requesting a calibration.

Dock it*.

One or more sensors has failed calibration (H2S and LEL highlighted here).

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*When an instrument is docked, the iNet DS and the DS2 docking stations will automatically perform scheduled tasks. When needed, tasks may be completed by qualified personnel who can operate the docking station or perform them manually.
## System Alarm, OR, STEL, and TWA

Tell you that your unit is **in alarm**.

### GAS-RELATED EVENTS

#### Over-range gas event
- The detected gas concentration is outside the sensor’s measuring range (positive OR shown).
- Leave the area.
- Respond according to company safety policy.

#### Low-alarm gas event
- The detected gas concentration exceeds the unit's low-alarm set point.
- Gas Warning: Respond according to company safety policy.

#### High-alarm gas event
- The detected gas concentration exceeds the unit’s high-alarm set point.
- Leave the area.
- Respond according to company safety policy.

#### STEL alarm event
- The cumulative gas readings have reached the unit’s setting for the short-term exposure limit (STEL).
- Leave the area.
- Respond according to company safety policy.

#### TWA alarm event
- The cumulative gas readings have reached the unit’s setting for the time weighted average (TWA) exposure limit.
- Leave the area.
- Respond according to company safety policy.

### NONGAS EVENTS

#### System alarm
- A critical hardware or system fault has occurred (3850 shown).
- Leave the area.
- Do not use the unit.
- See your supervisor.

#### Low battery alarm event
- The battery life remaining is less than one hour. When less than 10 minutes remain, the message and icon flash; an audible alarm is also activated.
- Power warning: Respond according to company safety policy.

#### No sensors installed
- The unit does not detect any installed sensors and is not operational.
- Do not use the unit.
- See your supervisor.

#### Sensor data failure
- One or more sensors is in failure (H2S and LEL shown here). The unit is not operational.
- Do not use the unit.
- See your supervisor.

#### Pump fault
- There is a pump fault. The instrument is not operational.
- Check tubing for possible blockage. If the message persists, leave the area and see your supervisor.