GAS DETECTOR
PRE-USE CHECKS

Inspect • Start • Verify • Bump test

BEFORE SWITCHING ON

Visual inspection and suitability

- **Inspect the detector**
  Check the casing for cracks or other damage.
- **Check gas inlet ports**
  Ensure ports are clear and unobstructed.
- **Verify area suitability**
  Check the ATEX label is legible and suitable for the area.
- **Check calibration status**
  Where fitted, confirm the calibration sticker is in date.
- **Inspect accessories**
  Check pumps, tubing, hoses and probes for damage.
- **Inspect filters**
  Check accessible filters for contamination or blockage.
- **Check the task**
  Confirm the detector and gases monitored suit the risk assessment.

AFTER SWITCHING ON

Complete the operational checks

- **Confirm alarms operate**
  Check audible, visual and vibration alarms as applicable.
- **Allow warm-up to finish**
  Follow the detector prompts until sensor checks complete.
- **Check battery capacity**
  Ensure sufficient charge for the work ahead.
- **Zero only in clean air**
  If prompted, zero in a safe, clean-air environment.
- **Check the pump**
  Assemble sampling accessories, block the inlet and confirm the pump stalls.

BUMP TEST

Follow the manufacturer's instructions

TEST GAS: **Correct gas mixture • Cylinder in date • Approved regulator**

Follow manufacturer requirements for gas selection and test procedure.

AUTOMATED

Insert detector into the correct bump-test station. Check the recorded pass/fail result.

DEVICE-GUIDED

Use the detector's built-in bump-test function, attach the test cap and apply the specified gas.

MANUAL

Fit the test cap, connect gas through the regulator and confirm the expected response.

Record and document all bump tests. Follow the device instructions for acceptance criteria.

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