

8 July 2008

Important Recall Notice

Industrial Scientific has been notified by our supplier, City Technology, of an industry-wide recall of the model 4CF carbon monoxide sensor. A failure mode has been identified in this sensor that may exhibit itself as an unexpected, catastrophic loss of sensitivity, inhibiting the sensor's ability to detect and respond to carbon monoxide. The recall encompasses 16,450 sensors shipped to Industrial Scientific between May 2007 and May 2008 and approximately 80,000 sensors shipped industry wide with serial numbers in the range of 10199194 through 12844839.

The 4CF sensor is used in Industrial Scientific models iTX, MX6, GasBadge Pro, GasBadge Plus, T82/T80, TX418, MX2000 (by Oldham) and AirAware. It has also been supplied as a replacement sensor for these instruments as part numbers 17051638, 17101064, 17060492, 17071143, 17124983-1 and 17124975-1 (and 6313535 for the MX2000). No other instruments are affected.

You may be affected by this recall if you have

- purchased one of the instrument models listed above in the last 12 months and/or,
- purchased a replacement sensor for any of the models listed above in the last 12 months using one of the listed part numbers.

A failure of the sensor can be detected by performing a bump test of the instrument, exposing the sensor to a known concentration of carbon monoxide and verifying that the sensor responds properly. **TO ENSURE THE SAFETY OF THE USER, A BUMP TEST SHOULD BE PERFORMED ON EVERY INSTRUMENT THAT MAY CONTAIN AN AFFECTED CARBON MONOXIDE SENSOR, AS OUTLINED ABOVE, PRIOR TO EACH USE.** Any instrument/sensor that fails to respond properly during a bump test should be removed from service immediately. A sensor that fails in this mode may only be properly diagnosed by performing a bump test or full instrument calibration.

You can identify if your instrument is affected by this recall by examining the carbon monoxide sensor serial number according to the procedure below:

- 1) Identify the label on the sensor which should be in the format shown below.
- 2) Identify the serial number on the label, which is the 13 digit code printed on the label below the bar code.
- 3) The first two digits must be 03 – there may or may not be a dot after the 03.
- 4) The 8 digits following the dot must be contained between the following values: 10199194 to 12844839.

Note: The last 3 digits are not relevant to the identification of the product recall.

**03.12345678 123**

Made in the UK

All sensors found within this serial number range should be returned to Industrial Scientific for replacement at no charge. If you have identified that you have received one of these sensors, contact your local Industrial Scientific Customer Service center or call 1-800-338-3287 or 1-412-788-4353 for replacement instructions.

Industrial Scientific Corporation strives to maintain the highest quality in our products and utilize the best sensors available. We regret the inconvenience caused by this notification and will work to replace all affected sensors as quickly and conveniently as possible to ensure the safety of our customers.

David D. Wagner
Director, Portable Products



O U R M I S S I O N
Preserving human life on, above and below the earth
Delivering highest quality, best customer service ...
every transaction, every time

1st July 2008

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Dear Mr Wagner,

CRITICAL COMMUNICATION. ACTION REQUIRED!

Product Recall Notice 4CF Carbon Monoxide Sensor Serial Numbers starting from 10199194 to 12844839

As indicated in our letter of 7th May 2008 regarding the supply of 4CF Sensors, we have continued to investigate the failure rate experienced in these sensors, and have carried out a more extensive sampling process. From this work we have concluded that higher rates of failure are demonstrated since a Design Change in May 2007.

We have therefore decided, as a precautionary measure, to recall 4CF Product with the above serial numbers.

These further investigations also more clearly identified the cause of the problem, and the replacement Sensors have been upgraded to resolve the problem.

We will replace all affected 4CF Sensors free of charge. However, please return to us each 4CF Sensor that is replaced so that we can record the progress of this recall.

AFFECTED SENSORS

All 4CF Sensors with Serial Numbers in the range **10199194** to **12844839** marked Rev. 3 are affected and should be replaced.

Please note that only the 4CF Sensors with the Serial Numbers in the range detailed above are affected. All other 4CF Sensors are unaffected and NO ACTION is necessary for these Sensors.

Please pass to all relevant personnel within your organisation