

# Safety Alert 008

Produced using information provided by the Health and Safety Executive



## Safety Alert - Status Scientific Controls Portable Gas Detector - Mentor PGD2

Date issued: 13 September 2011

***This Safety Alert has been issued to alert registered businesses/engineers who may use Status Mentor PGD2 gas detectors, that some of them may be giving false readings due to software configuration. None of these gas detectors should be used until their software and configuration have been verified.***

### Introduction

A Safety Notice has been issued as a result of investigations by the Health and Safety Executive (HSE) into the Status Scientific Controls Portable Gas Detector type Mentor PGD2. This instrument is intended to be used for the protection of personnel entering or working in an environment where there is a possibility of flammable or toxic gas being present.

Although it is believed that these instruments are mainly in use within the oil and gas exploration and production industries, it is possible that some may be used by Gas Safe registered businesses/engineers.

### Background

Tests undertaken by the Health & Safety Laboratory (HSL) on behalf of HSE and discussions with the manufacturer, Status Scientific, have determined that the low battery voltage cut-off setting may be incorrect in some instruments having an older version of software.

The older software may allow the instrument to continue to remain active when there is insufficient power for it to work accurately. In this case, the indicated measurement may be below the actual gas concentration in the sampled atmosphere and the alarm may not be activated when the actual gas concentration reaches the alarm set-point.

### Action

No Status Mentor PGD2 gas detector should be used until it has been verified that the correct software version is installed and that the low battery alarm point is correctly configured in accordance with the instructions available on the Status Scientific Controls website:

[www.status-scientific.com/software-downloads.cfm](http://www.status-scientific.com/software-downloads.cfm)

### Further information

Further information is available by contacting the instrument manufacturer as follows;

Status Scientific Controls,  
Hermitage Lane Industrial Estate,  
Kings Mill Way,  
Mansfield,  
Nottinghamshire  
NG18 5ER

Tel: 01623 651381

[www.status-scientific.com](http://www.status-scientific.com)

Mentor PGD2 Gas Detector



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