



MINISTRY OF DEFENCE

**Defence
Infrastructure
Organisation**

SAFETY ALERT

Subject: PDG2 GAS MONITOR FAULT.

Number: 08/11

DIO Secretariat Sponsor: Robin Cawthorne

Date of issue:
1 September 2011

Contact if different from above Sponsor: Andrew Parker, DE Ops North-PTS10a,
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Who Should Read this: CEstOs, Top Level Budget Holders, MOD Project Managers, Organisations appointing Authorising Engineers (AE) and Authorised Persons (AP) including: Commanding Officers/Heads of Establishment, Defence Infrastructure Organisation (DIO) Deputy Directors (Estates), DIO Advisors, DIO Facility Managers and Maintenance Management Organisations, who are advised to draw it to the attention of the relevant Supply Chain organisations.

When it takes effect: immediately

When it is due to expire: never.

Health and Safety

Equality And Diversity Impact Assessment

This policy has been Equality and Diversity Impact Assessed in accordance with the Department's Equality and Diversity Impact Assessment Tool against:

Part 1 Assessment Only (no diversity impact found)

1. Introduction:

COMPLIANCE WITH THE CONTENTS OF THIS ALERT WILL ENABLE COMPLIANCE WITH THE HEALTH & SAFETY AT WORK ETC ACT 1974 AND ITS SUBORDINATE REGULATIONS.

This Safety Alert is being issued as a result of investigations by the Health and Safety Executive 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.

2. Background.

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

This 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.

In order to mitigate any potential failures the below action is required.

3. Required actions.

No Status Mentor PGD2 gas meter 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 provided on the Status Scientific Controls website:

www.status-scientific.com/software-downloads.cfm

4. Further Information.

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

Tel: 01623 651381

<http://www.status-scientific.com>

5. Subject Contact Point

Any queries or requests for further information are to be sent to the following:

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