**SAFETY ALERT**

Overheating of Loblite RC10 TR.9978.101 CATEGORY C electric radiators fitted to explosive facilities.

<table>
<thead>
<tr>
<th>ES&amp;P Sponsor: Peter Meakin</th>
<th>Date of issue: 31 October 2007</th>
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</table>

Contact if different from ES&P Sponsor:

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Who Should Read this: CEstOs, Top Level Budget Holders, Project Sponsors, MOD Project Managers and others within the IPT (for both Prime, PFI/PPP and traditionally procured contracts), Defence Estates Advisors and Property Managers/Site Estate Representatives with responsibility for MOD projects and Property Management Works Services (including the legacy work of EWCs/WSMs) Coordinating Authorising Engineers, Authorising Engineers electrical, Authorised Persons electrical, Explosive Safety Representatives and Hazardous Area Managers.

<table>
<thead>
<tr>
<th>When it takes effect: Immediately</th>
<th>When it is due to expire: 31 October 2008</th>
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Document Aim: To notify all relevant parties of overheating of Loblite RC10 TR.9978.101 CATEGORY C electric radiators fitted to explosive facilities.
<table>
<thead>
<tr>
<th>Product</th>
<th>Loblite RC10 TR.9978.101 CATEGORY C electric radiators</th>
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</thead>
<tbody>
<tr>
<td>Manufacturer/Supplier</td>
<td>Heatec Radiators Ltd,</td>
</tr>
<tr>
<td>Problem</td>
<td>Overheating due to insufficient compression of cable termination.</td>
</tr>
<tr>
<td>Risk</td>
<td>Fire</td>
</tr>
<tr>
<td>Action</td>
<td>Inspect and replace affected units; For units less than 12 months old replacement will be free of charge by Heatec</td>
</tr>
</tbody>
</table>

1. Background.

- There have been approximately 30 instances, across four sites, of the subject electric radiators, fitted in Category C explosives facilities, suffering from significant overheating within the external control box, where the radiator control box has been supplied and fitted by the manufacturer.

- The problem, potentially affects all Loblite RC10 TR.9978.101 CATEGORY C electric radiators manufactured between 1\textsuperscript{st} July 2005 and 1\textsuperscript{st} October 2007.

- Included are contact details should further information be required.

2. Introduction:

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

- The appropriate MOD officer shall arrange for the RPC/ Maintenance Management Organisation (MMO) contractor to carry out all actions in accordance with this Alert.

- Any work required as a result of this Alert must be carried out in accordance with JSP 375 Vol 3 – MOD’s Safety Rules & Procedures.

- Defects are to be immediately reported to the MMO and the Authorising Engineer, who is to ensure that any appropriate Operating Restrictions are applied.

- On MOD Establishments occupied by United States Visiting Forces (USVF) responsibility is jointly held by USVF and DE (USF). At base level this jointly managed organisation is to take appropriate action to implement the contents of this Alert. Where this Alert contains procedures which differ significantly from USVF practice DE (USF) code of practice will be issued.

3. Requirement:
• Addressees are to ensure that the requirements of this alert are assessed immediately for action by Authorising Engineers electrical (AEe).

• AEe’s are to ensure that action is taken at the earliest possible opportunity to identify if this equipment is present and are thereafter to ensure that arrangements are made for its inspection on any sites for which they have responsibility and where appropriate they are to make arrangements for contact with Heatec to arrange for the supply of replacement units.
  
  o The earliest possible opportunity should be established commensurate with the risk to personnel and property; with the highest priority given to heavily used facilities and the lowest to unoccupied or rarely occupied facilities.

• Establishments with radiators in explosives facilities are to identify the types and model numbers fitted.
  
  o Where establishments identify that they have the subject type and model radiator fitted and it was installed within the date range identified in this notice; they are to arrange for the radiator to be isolated from the electrical supply until an inspection can take place to identify whether any signs of overheating are evident.
  
  o As a precaution; where establishments identify that they have the subject type and model radiator fitted but it was installed outside the date range identified in this notice; the establishment should arrange for an inspection as soon as reasonably practicable but there is no requirement to have the radiator isolated from the electrical supply until the inspection can take place.

• Where no overheating in the radiators control box is evident the radiator and control box may be returned to service immediately.

• Where overheating in the radiators control box is evident the radiator and control box are to be disconnected from the electrical supply until remedial action has taken place.
  
  o For radiators less than one year old Heatec have undertaken to supply and install a new control box free of charge.
  
  o For radiators over one year old a new control box must be ordered from Heatec and arrangement made locally for installation;
    
    • Part number; RC10M @ £85.00 each

• Contact details for further guidance and replacements:

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