



SAFETY ALERT PART A, B & C

Subject: Ingersoll Rand Type 30 Compressed Air Package Receiver, Pressure Relief Valve

Number: SA 2017/01

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Who Should Read this:

1. DIO Service Manager (or equivalent for non NGEC contracts)
2. DIO's Maintenance Management Organisations
3. Others

Others interested in the content of this Safety Alert might include:

Top Level Budget Holders, Prime Contractors, Private Finance Initiatives, Public, Private Partnership and other traditionally procured contracts, Project Managers, Infrastructure Managers and Property Managers with responsibility for MoD projects and Property Management Works Services (including the legacy work of EWCs/WSMs), Coordinating Authorising Engineers, Authorising Engineers Mechanical, Authorised Persons Mechanical, Heads of Establishment and Health & Safety Advisors.

This Safety Alert does not necessarily cover all aspects of the subject matter and readers should make themselves aware of other potential issues. Readers should also not rely on DIO Safety Alerts as their only means of becoming aware of safety issues, but they should consult widely across other media to maintain awareness.

When it takes effect: Immediately

When it is due to expire: When updated or rescinded.

Aim

1. To bring to the attention of appropriate persons, the need for replacement of any incorrectly rated safety pressure relief valves, fitted to the air receiver of Ingersoll Rand Type 30 Compressed Air packages and to propose remedial actions.

Introduction

2. Compliance with the contents of this Alert will enable compliance with the Health & Safety at Work etc. Act 1974 and its subordinate Regulations.
3. The appropriate MOD officer shall arrange for and ensure that the Maintenance Management Organisation (MMO) carries out all actions in accordance with this Alert.
4. Any work required as a result of this Safety Alert must be carried out in accordance with JSP 375 Part 2 Volume 3.
5. On MOD Establishments occupied by United States Visiting Forces (USVF), responsibility is jointly held by USVF and DIO USF. At base level this jointly managed organisation is to take appropriate action to implement the contents of this Alert.

Background

6. The Pressure Systems Safety Regulations 2000 requires that compressed air receivers are protected by a safety valve that ensures the receiver cannot exceed the stated (safe) working pressure during operation.
7. A compressed air package receiver recently installed was found to have been fitted with a pressure relief valve that was set 1 bar above the identified working pressure of the receiver by the manufacturer.
8. The manufacturer Ingersoll Rand has accepted that these valves require replacement on the type 30 packages and have agreed to provide replacement valves free of charge.

Requirement

Part A

9. The DIO Service Manager is advised to direct the MMO to initiate the following tasks:
 - a. Locate, identify and review all Ingersoll Rand T30 packages on the MoD estate to identify if the air receiver is or is not fitted with an over rated (safety) pressure relief valve.
 - b. Initiate the following tasks should any equipment be found that has an over rated relief valve:
 - i). Notify the Authorised Person (AP) & Authorising Engineer (AE) Mechanical.
 - ii). Undertake a risk assessment should continued operation of equipment be required and put in place any identified mitigating measures.
 - iii). Where effected packages are identified on an Establishment, the 4Cs risk register should be suitably annotated.

10. The MMO is to notify the DIO Service Delivery Performance Management Team, DIO SD-Perf Mgt Team (MULTIUSER) account, through their respective DIO Service Manager identifying the location, quantity, model number and serial number of any affected equipment. A nil return is required from DIO Service Managers for each establishment where they identify no affected equipment.

11. The data requested at paragraph 11 is required by 10th March 2017 and will be reviewed on the 13th March 2017.

Part B

12. The DIO Service Manager is advised to direct the MMO to:

- a. Replace any over rated pressure relief valves found with suitably rated replacements. Ingersoll Rand will provide replacement pressure relief valves free of charge.
- b. Ensure that the written Scheme of Examination has been reviewed by the Competent Persons.

13. Ingersoll Rand contact details:

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Part C

14. The DIO Service Manager is advised to direct the MMO to confirm in writing to the DIO Service Delivery Performance Management Team, DIO SD-Perf Mgt Team (MULTIUSER) when the actions required at Part B have been completed for each item of equipment identified at Part A.