

EC DESIGN EXAMINATION CERTIFICATE

*This is to certify that Lloyd's Register, a Notified Body under the terms of:
The Pressure Equipment Directive 97/23/EC;
The Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001,
did (in accordance with Module B1 of the Directive) undertake an EC Design Examination on the stated
pressure equipment to ensure its conformity with the requirements of the Directive which apply to it. The
equipment identified below was shown to comply.*

This certificate is issued to:

APPLICANT: Blackhall Engineering Ltd.
Bradford Road
Brighouse
West Yorkshire
HD6 4DJ
United Kingdom

PRODUCT DESCRIPTION: Safety Accessory

PRODUCT TYPE: Series 2003 Excess Pressure Device

DESIGN STANDARD: BS EN 5154: 1991 & BS EN 1626 : 1999

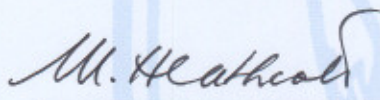
The attached Schedule No. COV 0212065/01 details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

"The manufacturer shall notify LR of any modification or changes to the equipment design in order to maintain a valid certificate."

Certificate No: COV 0212065/01

Date of Issue: 18th May 2006

LR Identification Number 0038


M J Heathcote on behalf of Lloyd's Register

EC DESIGN EXAMINATION (MODULE B1)
BLACKHALL ENGINEERING LTD.
SAFETY ACCESSORY
CERTIFICATE NO. COV 0212065/01 SCHEDULE

EQUIPMENT DATA

Type: Series 2003 Excess Pressure Device
Maximum Working Pressure: 40.0 Barg (Valve Pressure Rating)
Valve Size (DN): DN 40

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 97/23/EC and following Design Code(s):

BS EN 5154: 1991 & BS EN 1626 : 1999

TECHNICAL FILE CONTENTS

Technical Documentation: Series 2003 - Excess Pressure Device - Doc. Ref. Q1749

Excess Pressure Device (EPD) - Data Sheet No. 15 DS 15/99

Design Overview - Doc. Ref. Q1444 B

Summary of Design and Development

TÜV Approval Documentation

Air Products Worldwide Engineering Specification - Doc. No. 4WPI-EW80005

Installation, Operation and Maintenance Manual - Q1710

Operation and Maintenance Manual - Q1489

Burst Disc Specification (Suggested) and Spring Design Data

Essential Safety Requirements Annex I Checklist - Q1745

Hazard Checklist - Q1744

Stress Calculations

Arrangement and Assembly Drawings:

OS 1339 Rev. E

OS 1525 Rev. B

OS 1370 Rev. D

Production Documentation

Materials of Construction

LR REPORTS

LR Design Appraisal Document:

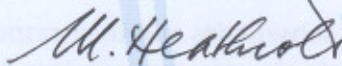
COV 0212065/CCW, Issue 1

Dated: 17/05/02

Issue: 02

Date of Issue: 18th May 2006

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