

# ABS GROUP LIMITED THE PRESSURE EQUIPMENT DIRECTIVE EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NUMBER:

0528-2002-008-PED-T

OFFICE:

LONDON

This is to certify that ABS Group Ltd, a Notified Body appointed under the requirements of the Pressure Equipment Directive 97/23/EC and The Pressure Equipment Regulations 1999 of the United Kingdom, did undertake an EC Type Examination of the subject equipment in accordance with the requirements of the said Directive and Regulations. The equipment was found to be in compliance.

This certificate is issued to:

Circle Seals Controls, Inc.

Address:

2301 Wardlow Circle

Corona CA 92880 United States

Description of the equipment:

SR800 Series Pressure Regulators

Type:

Pressure Regulators

Standard:

ASME/ANSI B31.1

Maximum allowable pressure:

3600 psi (248.21 bar)

Maximum allowable temperature:

160°F (71.11°C)

Minimum allowable temperature:

-60°F (-51.11°C)

Capacity / Nominal Diameter:

SR800-1, SR800-2, SR800-3, SR830-1, SR830-2 & SR830-3

Category under the Regulations:

11/

Prototype Examined:

Equipment:

PEDSR800B33112G

Type:

SR 800 Regulator

Serial Number:

101502

ABS Group Ltd. report numbers:

2002-6260-H

ESZ-105-01-P01

Attachment B - Rev 0

Page 1 of 1

This certificate is granted subject to the condition that it is understood and agreed that nothing herein contained shall be deemed to relieve any designer, manufacturer, seller, supplier, repairer or operator of any warranty, express or implied and ABS Group Ltd liability shall be limited to the acts or omissions of its employees, agents and subcontractors. Under no circumstance whatsoever shall ABS Group Ltd be liable for any injury or damage to any person or property occurring by reason of negligent operation or any defect in materials, machinery, equipment or other items other than defects ascertainable by normally accepted testing standards, and only upon those items actually inspected by ABS Group Ltd and which are covered by this certificate or report.



## ABS GROUP LIMITED THE PRESSURE EQUIPMENT DIRECTIVE EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NUMBER:

0528-2002-008-PED-T

Maximum allowable pressure:

3600psi

Maximum allowable temperature:

160°F

Minimum allowable temperature:

-60°F

Capacity / Nominal Diameter:

1/2" inlet / 1/2" outlet

#### Technical Documents Reviewed:

Refer to Attached Schedule

Name of representative: Michael Cooper

Signature: MHCoops

Date of Issue:

4 November 2002

Date of Expiry:

3 November 2012



## **ABS GROUP LIMITED** THE PRESSURE EQUIPMENT DIRECTIVE SCHEDULE TO TYPE EXAMINATION CERTIFICATE

REFERENCE NUMBER:

11112069

DATE: 16 October 2002

TSZ-105-99-P02 Check Sheet A

### **Technical Documents Reviewed:**

Technical Documentation CheckSheet

SR800 series Regulators Summary Page

Stress Calculations

PED rating

Operating & Installation Instructions

Hazard Analysis Ph 1 cat IV product

SR800-830

2101-0037 Back Plug

2103-0034 Valve Stem

2103-0337 Stem

2103-0356 Stem

2111-2199-0016 Body

2204-0074 Diaphragm Plate

2205-0153 /-0159 Diaphragm

2205-0333 Diaphragm

2221-0034 Spring Housing Cap

23099 Cap Sub Assembly

2324-0003 Burst Disc

39573 Diaphragm Plate

2110-0250 Body Forging

PEDSR800

Particular Material Appraisal: ASME SB283 C377

Rev 01 Rev J sheets 1 and 2

Rev B

Rev B

Rev B

Rev A

Rev D

7-12-90

Rev F

Rev A

Rev A

97-10-08

7-12-90

97-06-9

3/12/90

02-05-06

16 October 2002

M. H. Cooper For ABS Group Ltd.