



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

CERTIFICATE NUMBER: 0528-2002-005-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: R5200 Series Relief Valves
Type: Safety Relief Valves
Standard: ASME/ANSI B31.1
Maximum allowable pressure: 5000 psi (344.74 bar)
Maximum allowable temperature: 400°F (204.44°C) (Stainless Steel)
100.4°F (38°C) (Brass)
Minimum allowable temperature: -65°F (-54°C)
Capacity / Nominal Diameter: R5200-2, R5200-3 & R5200-4
Category under the Regulations: IV

Prototype Examined:

Equipment: Relief Valve
Type: R5200 Series PEDR5252B-2MP-1
Serial Number: 3
ABS Group Ltd. report numbers: 2002-6260-H



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Maximum allowable pressure: 5000 psi
Maximum allowable temperature: 400°F (Stainless Steel)
100°F (Brass)
Minimum allowable temperature: -65°F
Capacity / Nominal Diameter: ¼" NPT inlet / ¼" NPT outlet

Technical Documents Reviewed:

Refer to Attached Schedule

Name of representative: Michael Cooper
Date of Issue: 17 December 2002
Date of Expiry: 16 December 2012

Signature: 



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

REFERENCE NUMBER: 11112069

DATE: 16 October 2002

Technical Documents Reviewed:

Technical Documentation CheckSheet
R5200 series Relief valves Summary Page
Catalogue Pages
Stress Calculations
PED rating
Operating & Installation Instructions
Hazard Analysis No. 500
R5200 Sheet 1
R5200 Sheet 2
37263 Body
37264 Body
37737 Body
37738 Body
39828 Poppet
PEDR5200
Particular Material Appraisal: ASTM B16
Particular Material Appraisal: ASTM A479 316

TSZ-105-99-P02 Check Sheet A

Rev A
Rev J
Rev J
Rev A
Rev A
Rev B
Rev B
02/02/04
02/05/06
16 October 2002
16 October 2002

M. H. Cooper
For ABS Group Ltd.