

## EC TYPE EXAMINATION CERTIFICATE

This is to certify that Lloyd's Register Verification, 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 as amended  
by S.I. 2002 No. 1267 and S.I. 2015 No. 399 did (in accordance with Module B of the Directive)  
undertake an EC Type 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:** Abacus Valves International Limited  
Kilbirnie  
Ayrshire  
United Kingdom

**PRODUCT DESCRIPTION:** Pressure Accessory

**PRODUCT TYPE:** Twin Plate Check Valves

**DESIGN STANDARD:** ASME B16.34: 2013, API 594 7<sup>th</sup> Edition and  
BS EN 12516: 2014

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

**"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRV of any modification or changes to the equipment in order to maintain a valid certificate."**

**"This certificate is valid for ten years from the date of issue."**


Certificate No: COV1512579/3

Original Approval: 04 September 2015

Current Certificate: 04 September 2015

Certificate Expiry: 03 September 2025

LRV Notified Body Number 0038

  
S. M. Williams on behalf of Lloyd's Register Verification

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**EC TYPE EXAMINATION (MODULE B)  
ABACUS VALVES INTERNATIONAL LIMITED  
PRESSURE ACCESSORY  
CERTIFICATE NO. COV1512579/3 SCHEDULE**

**Equipment data**

**Type:** Twin Plate Check Valves  
**Size Range:** 2" to 72" DN050 to DN1800  
**Rating:** Class 125 to 2500 PN 6 to 420

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

ASME B16.34: 2013, API 594 7<sup>th</sup> Edition and BS EN 12516: 2014

**Technical File Contents**

As detailed in Design Appraisal Documents COV1512151 O-30766/CA and COV1512151 O-30809/CA

**LR Reports**

Design Appraisal Documents	COV1512151 O-30766/CA	18 March 2015
	COV1512151 O-30809/CA	10 March 2015
Inspection Certificate	COV1512579/1A1	31 August 2015
Schedule Issue:	1	
Date of Schedule Issue:	04 September 2015	
LRV Notified Body Number	0038	



S. M. Williams on behalf of Lloyd's Register Verification