

EC CERTIFICATE OF SURVEILLANCE

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 and 2002 No. 1267,
did (in accordance with Module C1 of the Directive) undertake an EC Product Surveillance 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: PT. TOMOE Valve Batam,
Block-F2, Latrade Industrial Park,
Jalan Sei Binti, Tanjung Uncang
Batam, Indonesia 29422.

PRODUCT DESCRIPTION: TT2 (Triple Offset Butterfly Valve-CS & SS-Class 150 & 300, DN80 to DN 600 Valves)

PRODUCT TYPE: Pressure Accessory

A batch of Pressure Equipment, Serial Numbers 13B07581 to 13B07639 have been sampled and final assessment carried out in accordance with EC Type Examination Certificate No: 0038/PED/MUM/1310168/1 issued by Lloyd's Register Verification on the 27 June 2013.

As verified in the Inspection and Test Certificate No: JKT 1312011/01 dated 04 June 2013 issued by Lloyd's Register Jakarta, the final inspection and proof test in accordance with the requirements of Section 3.2 of the essential safety requirements was carried out on the above equipments.

The continued use of LRV's Notified Body number on the above equipment type is hereby authorised, subject to ongoing monitoring in accordance with the Directive requirements.

Certificate No: 0038/PED/MUM/1310168/2

Date of Issue: 27 June 2013

Certificate Issue 1

LRV Notified Body Number 0038



B.Viswanath on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

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 and SI 2002 No. 1267,
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: PT. TOMOE Valve Batam,
Block-F2, Latrade Industrial Park,
Jalan Sei Binti, Tanjung Uncang
Batam, Indonesia 29422

PRODUCT DESCRIPTION: TT2 (Triple Offset Butterfly Valve-CS & SS-Class 150 & 300, DN80 to DN 600 Valves)

PRODUCT TYPE: Pressure Accessory

DESIGN STANDARD: DIN 3840: 1982

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: 0038/PED/MUM/1310168/1

Original Approval: 27 June 2013

Current Certificate: 27 June 2013

Certificate Expiry: 26 June 2023

LRV Notified Body Number 0038



B. Viswanath on behalf of Lloyd's Register Verification

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**EC TYPE EXAMINATION (MODULE B)
PT. TOMOE Valve Batam
TT2 (Triple Offset Butterfly Valve)
CERTIFICATE NO: 0038/PED/MUM/1310168/1 SCHEDULE**

EQUIPMENT DATA

Type: Pressure Accessory

Maximum Working Pressure:

	Class 150	Class 300
Carbon steel valves	19.6 bar	51 bar
Stainless steel (CF8M grade) valves	19 bar	49.6 bar

Size: DN 80 to DN 600

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

DIN 3840: 1982

TECHNICAL FILE CONTENTS

Title	Document Number	Rev/Date
Drawing	GIC-020-0 / (TT2AFR/TT2AGR-150#)	2
	GIC-018-0 / (TT2AWR/TT2ALR-150#)	4
	GIC-021-0 / (TT2BFR/TT2BGR- 300#)	1
	GIC-019-0 / (TT2BWR/TT2BLR- 300#)	3
Hazard Checklist	QA011227 - 3A	1
Particular Material Appraisal	TVB-PMA-001	-
Operation Manual	-	-
Material Certificates	-	-
Hydrostatic test report	-	-
Visual & Dimensional Report	-	-
Declaration of Conformity	-	-

LRV REPORTS

Title	Document Number	Date
Design Appraisal Document	BPA 1302313/2 Issue number 0	04 June 2013
Inspection Certificate	JKT 1312011/01	04 June 2013
Schedule Issue:	1	

Date of Schedule Issue: 27 June 2013

LRV Notified Body Number 0038



B.Viswanath on behalf of Lloyd's Register Verification