



Design Appraisal Document

Lloyd's Register EMEA
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Date
14 March 2019

Please quote this reference number on all future communications
HPC 1661079/38780-19/JW/AC

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2017
ISSUED TO: LK VALVES AB
FOR: QUICK CLOSING VALVES
TYPE APPROVAL CERTIFICATE NO. 17/20039**

This Design Appraisal Documents supersedes and supplements the corresponding Design Appraisal Document No. HTS/ENS 35937-17, issue 0, dated 10.04.2017

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System Procedure TA14 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form 2502TA	Application checklist – Appendix to Form 2502/TA/2502TA MR	13-09-2018
76013	LK Valves Melting Ring Analysis	13-06-2010
1.1	LK Valves Release Cylinder Stress Analysis	13-06-2010
GOT 1910004	Production Quality Assessment Form Helsingborg	14-01-2019
W04746063	Production Quality Assessment Form Changzhou	10-03-2017
100416	Claim Confirmation	15-01-2019
-	Data Sheets	04-10-2018
-	Globe Valve Product Description	-

DRAWINGS

33073	Bellow Sealed QCV	23-08-2017
33074	QCV	23-08-2017
33093	QCV	23-08-2017
33076	Self Closing Valve	23-08-2017
33075	Bellow Sealed Globe Valve	23-08-2017
33092	Globe Valve	23-08-2017

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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TEST REPORTS

- Burst Pressure Test of Valve Bodies for LK Valves Globe Valves
- Burst Pressure Test of Valve Bodies for LK Valves Globe Valves

10-09-2015
06-11-2018



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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.

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