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Inspection Certificate

Project: ---

Client: Wouter Witzel Euro Valve B.V.

Losser / The Netherlands

Client's Order Number: --- Date: **08 February 2016**

Order Status: complete

Office:

Dortmund

Inspection Dates

First: 01 December 2015 Final: 03 December 2015

This certificate is issued to the above client to certify that a surveyor to Lloyd's Register did, at their request, attend a test laboratory in Herford / Germany for the purpose of testing and inspecting the product listed below.

Description: Fire type-testing of Butterfly Valves

Type: ED W201 (Econaxe W201)

Pressure rating: PN 10 Nominal bore: DN 50

Manufacturer's drawing no.: D-DAAA009-A

Body/Bonnet material: 1.0619 Disc material: 1.4408 Stem material: 1.4462

Sealing elements: Reinforced PTFE (Stainless steel)

Test requirements: Lloyd's Register "Proposal for a Dry Fire Test Procedure" and

DIN EN ISO 10497:2010-06 and API 607, 6th edition

Additional requirement: Heat application without water pressure

Qualified sizes: DN 50 and below, DN 65, DN 80, DN 100, 2", and below, 2 $\frac{1}{2}$ ", 3" and 4"

Qualified pressure ratings: Class 150, PN 10, PN 16

Conclusion: All test results are satisfactory and fulfil the requirements of DIN EN ISO 10497: 2010-06 and API 607, 6th edition and Lloyd's Register Rules & Regulation for Classification of Ships.

For further details please refer the attached test report IBB-1500, dated 03.12.2015.

Burkhard Schiwkowski Hamburg Office

Lloyd's Register EMEA

For G. Milke:

Surveyor to Lloyd's Register EMEA

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