

CERTIFICAT

CERTIFICADO

‘ΕΡΤΙΤΑΤΗ

認証証書

CERTIFICATE

ZERTIFIKAT



Industrie Service

CERTIFICATE

Internal Production Control plus Supervised Pressure Equipment Checks at Random Intervals (Module A2) Acc. to Directive 2014/68/EU Pressure Equipment Directive

Interne Fertigungskontrolle mit überwachten Druckgeräteeprüfungen in Unregelmäßigen Abständen (Modul A2)
nach Richtlinie 2014/68/EU

Certificate-No.: USA-17-01-84-001
Zertifikat-Nr.

For
Name and Address of the Manufacturer: **CLA-VAL (a Griswold Industries Company)**
Name und Anschrift des Herstellers **1701 Placentia Avenue**
Costa Mesa, CA 92695, USA

According to the audit results, the manufacturer is entitled to mark the pressure equipment produced within the range of this module.

CE 0036

Scope of approval:
Geltungsbereich

Manufacture of control valves for aviation fueling controls
from Aluminum, ductile iron, cast steel and stainless steel (DN 40 to DN
300) according to drawing# 204789, Rev. E

Final Assessment Report #: P-USA-16-07-84-001

Abnahmeprüfbericht Nr

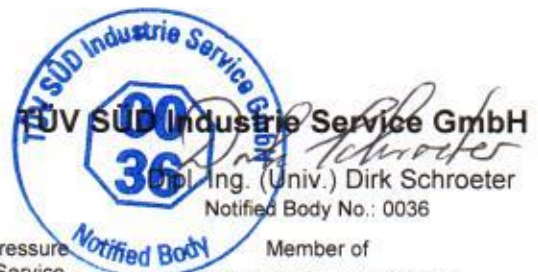
Manufacturing plant:
Fertigungsstätte
1701 Placentia Avenue
Costa Mesa, CA 92695, USA

The certificate is valid until 2019-07-31

Schaumburg, IL, 2017-02-17

TÜV SÜD
Industrie Service GmbH
Westendstrasse 199
D-80686 München

Test Laboratory for Pressure
Equipment: Industrie Service,
TÜV SÜD America, Inc.
10 Centennial Drive
Peabody, MA 01960



Member of
CONFÉDÉRATION EUROPÉENNE



D'ORGANISMES DE CONTROLE

**Inspecting laboratory of
TÜV SÜD Industrie Service GmbH
Notified Body for Pressure Equipment 0036**

Dok.: Rev. 02, 25.08.06



Industrie Service

Assessment Report of: **final inspection**
 partial structural inspection
acc. to Annex I, 3.2 Directive 97/23/EC (PED)

Customer:	CLA-VAL (a Griswold Industries Company) CLA-VAL 1701 Placentia Avenue Costa Mesa, CA 92695, USA	Order-number: Report:	72118350 P-USA-16-07-84-001
Object type: Valve		Manufacturing-site:	CLA-VAL 1701 Placentia Avenue Costa Mesa, CA 92627, USA
No. of certificate	USA 15-08-084-001	Issued:	11/18/2015

Inspection Directive: PED 97/23/EC, Module A1
 Technical Specification:

Marking and labelling of the pressure equipment:

Marking on / at: **Dataplate**

Indication for Identification of the manufacturer: CLA-VAL, 1701 Placentia Avenue
 Costa Mesa, CA 92627, USA

- Year of manufacturing: **2016**
- Type- series- or lot identification: **100-45-4B**
- Intended use: **Fuel Service**

Further relevant aspects:

Valve-identification, Model:	100-45-4B		
Max./min. allowed pressure (bar):	14		
Max./min. allowed working temperature (°C):	82		
DN:	50		
Fluid:	Gas, Group I		

design-review / **EC type examination** / **design examination by:** **CLA-VAL (a Griswold Industries Company)**

drawing- / document-number or similar classification: **208907, RevA**
 these documents are available. They are still valid.

inspection / **partial structural inspection** / **final inspection** in acc. with Annex I, PED :

by the inspection laboratory of TÜV SÜD Industrie Service GmbH

derived results from inspections and approvals worked out:

<input type="checkbox"/>	The reports about the working approvals and NDT approvals are available. Performance of these approvals by the inspection laboratory: TÜV SÜD Industrie Service GmbH. The results are in accordance with the technical specification:
<input checked="" type="checkbox"/>	Valid certificates of calibration figure out that calibrated test equipment is used
<input checked="" type="checkbox"/>	The material test certificates are available. They are in accordance with the technical specifications
<input type="checkbox"/>	The approvals of the required qualifications of the joining (welding) personnel are still valid
<input checked="" type="checkbox"/>	The approvals concerning the required qualifications of the working procedures are available and continue to be valid.
<input checked="" type="checkbox"/>	Expert's survey and dimensional inspections were accomplished by random examinations as well as: Inspection of the main dimensions. The examinations did not cause any complaints.

Inspecting laboratory of
TÜV SÜD Industrie Service GmbH
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Dok.: Rev. 02, 25.08.06



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- Established procedures to assure the traceability:
 were spot-checked
 were checked during further examinations
Complaints did not occur.

Model:	100-45-4B
Testing pressure (bar):	21
Test date:	05/05/2016
Kind of test medium:	Water

Result:

The partial structural inspection / final inspection / and the pressure test were accomplished in accordance with the requirements of the directive 97/23/EC (PED).

The performance of the inspections and the evaluation of the results did not cause any non-conformances.

Remarks:

- The inspection results are relating only to the described assessment object
- To copy this inspection report in extracts without the prior agreement of the Notified Body 0036 is not permitted
- The final inspection and examination in accordance with annex I, of the Directive 97/23/EC (PED) had been worked out by the manufacturer in the presence of a representative of the inspection laboratory.

Because of the inspection-performances there are no objections existing after the affirmation of the Certification Body, against the affixing of the CE marking using the identification number 0036. The certification of the pressure equipment is recommended.

Further advices:

- The pressure device was inspected without its accessories. Therefore the approval of the accessories is still required
- Before starting of operation, the pressure device is subject to further examinations as well as periodic inspections in accordance with the relevant provisions of law

TÜV SÜD Industrie Service GmbH
Notified Body for Pressure Equipment 0036

Location: Houston, TX, date: 05/05/2016

For the inspecting laboratory:

Carsten Ruchhoeft



Regional certifier:

Dirk Schroeter

Dipl. Ing. Carsten Ruchhoeft, TI

Dipl. Ing. Dirk Schroeter, TI

Enclosures:

- Copy of the Declaration of Conformity by the manufacturer

Report about an
Unexpected Visit
 Based on the requirements of the
QA-Modules acc. to PED

Dok.: Rev. 04, 19.07.16



Industrie Service

Company:	Cla-Val
Manufacturing Site:	1701 Placentia Avenue, Costa Mesa, CA 92627, USA
Inspection Directive:	PED 2014/68/EU, Module <input checked="" type="checkbox"/> A1
Number and Date of the Certificate:	USA-15-08-084-001
Scope of the Certificate:	Manufacture of cast valve bodies and control valves
Number of Unexpected Visits per year:	2
Auditor resp. Inspector:	Carsten Ruchhoeft

Report: Unexpected Visit acc. to Directive 2014/68/EU (PED) – Module A1

1. Assessment of the administrative, the organisational and technical requirements:

Nr.	FF	PF	NF	NA		Supp lem.
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The performance of manufacturing is based on the technical documents	<input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There had been no changes concerning the validity of the EU-type examinations – production type	<input type="checkbox"/>
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The approvals of applied operating procedures continue to be valid	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The approvals for joining (welding) personnel continue to be valid	<input type="checkbox"/>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NDT personnel approvals continue to be valid	<input type="checkbox"/>
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The qualification of other personnel continues to be valid	<input type="checkbox"/>
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There have been no changes in application and using of production-methods and manufacture-equipment	<input type="checkbox"/>
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The appropriate methods to ensure traceability of materials are still applied	<input type="checkbox"/>
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Without modification the described final inspections are carried out in accordance with Annex I, 3.2 of PED continue to be carried out without modifications	<input type="checkbox"/>
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Complying with the requirements the products' marking and labelling is done	<input type="checkbox"/>
11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Relevant installation and operating instructions continue to be issued unchanged and accompany every pressure equipment item	<input type="checkbox"/>

FF = fully fulfilled
 NA = not applicable

PF = partially fulfilled (see supplemental sheet)
 NF = not fulfilled (see supplemental sheet)

2. Technical object assessment

<input checked="" type="checkbox"/>	During the Unexpected Visit pressure equipment was inspected. The inspection reports were handed out to the manufacturer.
<input type="checkbox"/>	The manufacturer was pledged to announce the beginning of manufacture in order to make possible the technical object assessment.

3. Performing: An Unexpected Visit was performed on July 18th 2016

Based on the Information from the Manufacturer, there were produced since the former Unexpected Visit the number of 4 pressure equipment items.

Report about an
Unexpected Visit
Based on the requirements of the
QA-Modules acc. to PED

Dok.: Rev. 04, 19.07.16



Industrie Service

Company:	Cla-Val
Manufacturing Site:	1701 Placentia Avenue, Costa Mesa, CA 92627, USA
Inspection Directive:	PED 2014/68/EU, Module <input checked="" type="checkbox"/> A1
Number and Date of the Certificate:	USA-15-08-084-001
Scope of the Certificate:	Manufacture of cast valve bodies and control valves
Number of Unexpected Visits per year:	2
Auditor resp. Inspector:	Carsten Ruchhoeft

TÜV SÜD Industrie Service GmbH
Notified Body for Pressure Equipment 0036

Location: Houston, TX , date: 07/20/2016

Enclosure: Supplement Sheet

Allocator: Manufacturer

PED-QA-Certification Body

For the inspecting laboratory:

Regional certifier:



Dipl.- Ing. Carsten Ruchhoeft/ TI

Dipl.- Ing. Dirk Schroeter /TI