

EC-TYPE EXAMINATION CERTIFICATE

This is to certify:

That the product(s) **Pressure Accessory**

with name and/or type designation(s)
Single Seat Valves ECOTROL 8C, 6N, 6H

Manufactured by
ARCA-Regler GmbH
Tönisvorst Nordrhein-Westfalen, Germany

has been assessed with respect to
the conformity assessment procedure described in annex III (Module B) of Council Directive 97/23/EC on
Pressure Equipment, as amended, and found to comply

Further details are given overleaf

Høvik, 2016-07-04
for DNV GL

This Certificate is valid until
2026-06-30

Notified Body No.: **0575**



Marianne Spæren Marveng
Certification Manager

DNV GL local office:
Essen

Hans Dyrdal Rasmussen
Technical Reviewer

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
Except for any liability caused by DNV GL's gross negligence or wilful misconduct, DNV GL's maximum cumulative liability arising out of or related
to the use of or reliance on this document shall be limited to USD 300 000.
The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

Job Id: **341.4-000476-1**
Certificate No: **PEDB0000014**
Revision No: **1**

Jurisdiction

Application of Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, adopted as regulation of 1999-06-09 no. 721 "Forskrift for Trykkpåkjent Utstyr" by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
-	Original certificate	2016-07-01
1	Added pressure classes	2016-07-04

Products covered by this Certificate

Product Name	Product Description	Category	Applied Product Std.
Valve Type 6H	Pressure Accessory	I to III	EN 12516-2
Valve Type 6N	Pressure Accessory	I to III	EN 12516-2
Valve Type 8C	Pressure Accessory	I to III	EN 12516-2

Design Data

Maximum allowable pressure (PS)	Maximum / Minimum allowable temperature (TS)	Fluid	Fluid group
6H: up to 250 bar / Class 1500	acc. material groups of DIN EN 12516-1	Liquids, gases, vapors	1 / 2
6N: up to 63 bar / Class 600	acc. material groups of DIN EN 12516-1	Liquids, gases, vapors	1 / 2
8C: up to 63 bar / Class 600	acc. material groups of DIN EN 12516-1	Liquids, gases, vapors	1 / 2

Applications/Limitations

- This Certificate only relates to directives described above. Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

Tests carried out on

Product Name / Identification	Tests
ECOTROL Valve 6H4-P1	acc. to EN 12266-1
ECOTROL Valve 6N3-L1	acc. to EN 12266-1
ECOTROL Valve 8C1-L1	acc. to EN 12266-1
Production Site Name	Address
ARCA Regler GmbH	Kempener Str. 18, D - 47918 Tönisvorst

Inspection of manufacturing and testing of prototype(s) has been carried out by DNV GL Essen, ref. Assessment Report dated 2016-05-06.

Documents reviewed

Drawing/Document No	Rev.	Date	Title	Status ¹
6H: 323638	-	2011-07-22	VENT W3R1	A
6N: 319772	-	2010-04-28	VENT W3	A
8C: 340684	00	2015-10-22	VENT W8L1	A

¹ A = Approved, AC = Approved with comments, FI = For information

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Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The Certificate is only valid for the product(s) listed above
- The Certificate is concerned with the design and prototype testing of the product, only

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- Changes or amendments to the referenced directive(s)
- Changes or amendments in the standard(s) which form the basis for documenting compliance with the essential requirements of the directive(s)

Conformity declaration and marking of product

This Certificate does not give the Manufacturer the right to CE mark and put on the market the product(s) listed on this Certificate. Only after the product(s) have been found to comply with the requirements in one of the following Conformity Assessment Modules C1, D, E or F, the Manufacturer may draw up an EC declaration of conformity and legally affix the CE mark followed by the identification number of the Notified Body involved in these modules.