



DET NORSKE VERITAS

QS CERTIFICATE OF ASSESSMENT-EC

Application of the Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, as amended.

Certificate No. **PED-E-7**
This Certificate consists of front page + Appendixes

This is to certify that the quality system of

VALVULAS WORCESTER DE ARGENTINA S.A.
CIUDAD AUTÓNOMA DE BUENOS AIRES, ARGENTINA

for testing of

BALL VALVES

as specified in the Appendix I to this certificate, is found to comply with the requirements of the Pressure Equipment Directive

The Manufacturers Quality System for the equipment has been assessed with respect to the procedure of conformity assessment as described in Module E, in the Directive

Further details of the product and conditions for the certification are given overleaf.

Place and date
Høvik, 29-10-2007
for DET NORSKE VERITAS AS

Steinar Kristensen
Head of Section, ZNYNO442
Technical Services



Notified Body No.:
0575
Local Office
DNV Buenos Aires

This Certificate is valid until
28-08-2010

Sigmund Rinden
Project Engineer

Notice: The certificate is subject to terms and condition, if any, overleaf. Any significant changes in design or construction of the product, the quality system or amendments to the Directive or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with the Council Directive, as amended.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: PED-E-7
Case No.:

Appendix 1, Rev. No. A

SCOPE AND CONDITIONS

Products covered by this certificate

DNV has carried out the QS assessment of the Manufacturer's quality system to verify that the relevant requirements relating to the following valves have been implemented.

Type of Ball Valves	Type Approval Documents	EC Type Examination Certificate	Temp. Range	PED Category	DNV QS Assessment Report dated
Model 44" 1/4" to 2"		Not required by NoBo	-29 to 60°C	II	27 th & 28 th of August 2007
Model 59 Serie 1500, 1½"		Not required by NoBo	-29 to 60°C	II	
Model 82 Serie 150	C82-30-0001L rev. O.A.	04-599231.00	-46 to 60°C	III	
Model 83; Serie 300,	C83-30-0001L rev. O.A	04-599231.00	-46 to 60°C	III	
Model 84, Serie 600	C84-A2-0002L rev.O.C C84-A2-0002 rev. O.C	04-599231.00 03-294673.00 04-224673-05	-46 to 60°C -29 to 60°C 0 to 60°C	III	
Model 85, Serie 900	C85-60-0004L rev. O.A C85-60-0004 rev. O.D	04-599231.00 03-294673.01 04-224673-05	-46 to 60°C -29 to 60°C 0 to 60°C	III	

Conditions

1. The system approval is valid only for the equipment listed above covered by an EC Type Examination Certificate. For other equipment, an application for extension of the certificate must be sent to the local DNV Office.
2. The local DNV Office must be informed of any sub suppliers for main pressure retaining parts.
3. The manufacturer shall inform the local DNV office of the intended schedule of production for equipment to Category III.
4. Periodical audits and unexpected visits will be held, in order to verify that the Manufacturer duly fulfils the obligations arising out of the approved quality system.



Continue on next page:



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5. The Manufacturer must give information of any intended adjustments of the Quality System to DET NORSKE VERITAS, who will assess the changes and decide if the certificate remains valid.

The manufacturer complies with the Council Directive 97/23/EC on Pressure Equipment and is allowed to affix the CE Mark followed by the DNV identification number 0575.

Place and date

Høvik, 06-02-2008


Hans Drydal Rasmussen
Project Engineer



Cert. No.: PED-E-7
Case No.:

Appendix 2, Rev. No. 0

SCOPE AND CONDITIONS

Products covered by this certificate

DNV has carried out the QS assessment of the Manufacturer's quality system to verify that the relevant requirements relating to the following valves have been implemented.

Type of Ball Valves	Type Approval Documents	EC Type Examination Certificate	Temp. Range	PED Category	DNV QS Assessment Report dated
Model 44" 1/4" to 2"		Not required by NoBo	0 to 60°C	II	30-11-2007 & 10-12-2007
Mod. 51, 52 & 53	C51-30-0001L rev.O.A. C52-30-0001L rev.O.A. C53-30-0001L rev.O.A.	04-599298.00	-46 to 60°C	III	
	C51-30-0001 rev.O.A. C52-30-0001 rev.O.A. C53-30-0001 rev.O.A.	04-224673.03	0 to 60°C	III	
Model 84 & 85	C84-A2-0002 rev.O.A. C85-60-0004 rev.O.A.	04-224673.05	0 to 60°C	III	

Conditions

Item Nos. 1 to 5 of Conditions in Appendix 1 in this certificate, apply also for this Appendix.

The manufacturer complies with the Council Directive 97/23/EC on Pressure Equipment and is allowed to affix the CE Mark followed by the DNV identification number 0575.

Place and date

Høvik, 06-02-2008

Hans Dyrdal Rasmussen

Project Engineer