

EC Declaration of Conformity

Herewith we, **KSB Valves (Changzhou) Co., Ltd.**
Registered Office:
No. 68 Huanbao Four Road, Environment Protection Industrial Park,
Xinbei District,
Changzhou City
Jiangsu Province
P.R. China

declare that the valves listed below satisfy the safety requirements laid down in the Pressure Equipment Directive 97/23/EC (PED).

Description of valve types	Gate, globe and check valves
	– ECOLINE-GT 2" - 24" class 150 – 600
	– ECOLINE-GL 2" - 10" class 150 – 600
	– ECOLINE-SC 2" - 24" class 150 – 600

Suitable for	Fluids in Groups 1 and 2
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Conformity assessment procedure	Module H
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Name and address of the notified body responsible for approval and surveillance	TÜV SÜD Industrie Service GmbH Dudenstraße 28 68167 Mannheim Germany
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Identification number of the notified body	0036
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Certificate No.	DGR-0036-QS-907-10
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Reference standards and codes	API 600, API 6D – Gate Valve BS 1873 – Globe Valve BS 1868, API 6D – Check Valve API 598 – Testing of Valves ASTM – Material
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This declaration also covers the conformity of the casting suppliers for ECOLINE as per the requirements of the Pressure Equipment Directive 97/23/EC (PED) including the "AD 2000-Merkblatt W 0" for those materials used for the pressure retaining parts.

Appraised materials:

Standard	Grade
EN10213-2007	1.0619
EN10213-2007	1.4408
EN10213-2007	1.4308

Gorden Sheng
Head – Quality Management

Date: 08.05.2012

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This declaration also covers the conformity of suppliers as per the requirements of the Pressure Equipment Directive (PED) including the notched bar impact test requirements of the Directive for the rated service conditions (-0°C) for those materials used for pressure-retaining parts which are not covered by CE harmonised standards.

For the respective service conditions of the ECOLINE valves as indicated in the following type series booklets:

- **ECOLINE-GT** **7247.11**
- **ECOLINE-GL** **7247.12**
- **ECOLINE-SC** **7247.13**
- **ECOLINE-FY** **7247.14**

Appraised materials:

Standard	Grade
ASTM A105	
ASTM A193	B7
ASTM A193	B8 Class 2
ASTM A193	B8M Class 2
ASTM A216	WCB
ASTM A351	CF3
ASTM A351	CF3M
ASTM A351	CF8
ASTM A351	CF8M

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declare that the valves listed below satisfy the safety requirements laid down in the Pressure Equipment Directive 97/23/EC (PED).

Description of valve types	Gate, globe and check valves
	– ECOLINE-GT 30" - 36" class 150 – 300
	– ECOLINE-GL 12" class 150 – 600

Suitable for	Fluids in Groups 1 and 2
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Conformity assessment procedure	Module H
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Name and address of the notified body responsible for approval and surveillance	TÜV SÜD Industrie Service GmbH Dudenstraße 28 68167 Mannheim Germany
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Identification number of the notified body	0036
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Certificate No.	DGR-0036-QS-938-11
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Reference standards and codes	API 600 – Gate Valve BS 1873 – Globe Valve API 598 – Testing of Valves ASTM – Material
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This declaration also covers the conformity of the casting suppliers for ECOLINE as per the requirements of the Pressure Equipment Directive 97/23/EC (PED) including the "AD 2000-Merkblatt W 0" for those materials used for the pressure retaining parts.

Appraised materials:

Standard	Grade
EN10213-2007	1.0619
EN10213-2007	1.4408
EN10213-2007	1.4308

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This declaration also covers the conformity of suppliers as per the requirements of the Pressure Equipment Directive (PED) including the notched bar impact test requirements of the Directive for the rated service conditions (-0°C) for those materials used for pressure-retaining parts which are not covered by CE harmonised standards.

For the respective service conditions of the ECOLINE valves as indicated in the following type series booklets:

- **ECOLINE-GT** **7247.11**
- **ECOLINE-GL** **7247.12**
- **ECOLINE-SC** **7247.13**
- **ECOLINE-FY** **7247.14**

Appraised materials:

Standard	Grade
ASTM A105	
ASTM A193	B7
ASTM A193	B8 Class 2
ASTM A193	B8M Class 2
ASTM A216	WCB
ASTM A351	CF3
ASTM A351	CF3M
ASTM A351	CF8
ASTM A351	CF8M

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Description of valve types	Gate, Globe and Check valves & Y Strainers – - ECOLINE-GTF ½" - 2" class 150 – 600, – - ECOLINE-GTF ½" - 2" class 800 – - ECOLINE-GLF ½" - 2" class 150 – 600, – - ECOLINE-GLF ½" - 2" class 800 – - ECOLINE-SCF ½" - 2" class 150 – 600, – - ECOLINE-SCF ½" - 2" class 800 – - ECOLINE-PTF ½" - 2" class 150 – 600, – - ECOLINE-PTF ½" - 2" class 800
Suitable for	Fluids in Groups 1 and 2
Conformity assessment procedure	Module H
Name and address of the notified body responsible for approval and surveillance	TÜV SÜD Industrie Service GmbH Dudenstraße 28 68167 Mannheim Germany
Identification number of the notified body	0036
Certificate No.	DGR-0036-QS-907-10
Reference standards and codes	API 602 – Gate Valve, Globe Valve, Check Valve API 598 – Testing of Valves / Strainers ASTM – Material

Valves with a nominal pipe size below and including 1 inch fall under Article 3, Section 3, of the Pressure Equipment Directive 97/23/EC. They must bear neither the CE marking nor the identification number of a notified body.

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Description of valve types	Strainers – ECOLINE-FY 2" - 12" class 150 – 600
Suitable for	Fluids in Groups 1 and 2
Conformity assessment procedure	Module H
Name and address of the notified body responsible for approval and surveillance	TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln Germany
Identification number of the notified body	0035
Certificate No.	01 202 CHI/Q-03-0068
Reference standards and codes	ASME B16.34 – Strainers API 598 – Testing of Valves ASTM – Material

This declaration also covers the conformity of the casting suppliers for ECOLINE as per the requirements of the Pressure Equipment Directive 97/23/EC (PED) including the "AD 2000-Merkblatt W 0" for those materials used for the pressure-retaining parts.

Appraised materials:

Standard	Grade
EN10213-2007	1.0619
EN10213-2007	1.4408
EN10213-2007	1.4308

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declare that the valves listed below satisfy the safety requirements laid down in the Pressure Equipment Directive 97/23/EC (PED)

Description of valve types	Gate valves – ECOLINE GT 40 PN 10-40 DN 50-600
Codes applied:	AD 2000-Merkblatt HP 0 / A 4 and EN ISO 3834-2
Suitable for	Fluids in Groups 1 and 2
Conformity assessment procedure	Module H
Name and address of the notified body responsible for approval and surveillance	TÜV SÜD Industrie Service GmbH Dudenstraße 28 68167 Mannheim Germany
Identification number of the notified body	CE 0036
Certificate No.	DGR-0036-QS-907-10
Reference standards and codes	BS EN 1984 – Gate Valve EN 12266-1 – Testing of Valves EN 10213-2007 – Material

This declaration also covers the conformity of the casting suppliers for ECOLINE GT40 as per the requirements of the Pressure Equipment Directive 97/23/EC (PED) including the “AD 2000-Merkblatt HP 0” for those materials used for the pressure-retaining parts.

Appraised materials:	
Standard	Grade
BS EN 10213-2007	1.0619

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declare that the valves listed below satisfy the safety requirements laid down in the Pressure Equipment Directive 97/23/EC (PED).

Description of valve types	Two-Piece Ball Valves ECOLINE-BLT Class 150-300 2"-12" Three-Piece Ball Valves ECOLINE-BLC 1000 WOG 1¼" – 4"
Suitable for	Fluids in Group 1
Conformity assessment procedure	Module D1
Name and address of the notified body responsible for approval and surveillance	TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln Germany
Identification number of the notified body	0035
Certificate No.	01 202 ROC/Q-01 0022
Reference standards and codes	ASME B 16.34 API 598 – Testing of Valves ASTM – Material

Valves with a nominal pipe size below and including 1 inch fall under Article 3, Section 3, of the Pressure Equipment Directive 97/23/EC. They must bear neither the CE marking nor the identification number of a notified body.

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declare that the valves listed below satisfy the safety requirements laid down in the Pressure Equipment Directive 97/23/EC (PED).

Description of valve types	Knife gate valves HERA-SDH Connection PN10, class150, DN 50- 600
Suitable for	Gas / Liquid Group 2
Conformity assessment procedure	Module H
Name and address of the notified body responsible for approval and surveillance	TÜV UK Ltd, Surrey House Surrey Street Croydon, CR9 1XZ United Kindom
Identification number of the notified body	0879
Certificate No.	90091-35-01 Issue 2
Reference standards and codes	ASME B16.34 – Knife Gate MSS SP-81 – Testing ASTM – Material

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