



## EC CERTIFICATE OF QUALITY SYSTEM APPROVAL

**In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and 2002 No. 1267**

This is to certify that the Quality Management System of:

**Benkan Japan KK  
Osaka Factory  
Amagasaki-shi, Hyogo-ken  
Japan**

has been assessed against the requirements of Annex I, paragraph 4.3 of the Pressure Equipment Directive 97/23/EC, and Schedule 1, paragraph 4.3 of the Pressure Equipment Regulations 1999 and conforms to the requirements for the products shown below:

### **Manufacture of pipe fittings**

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations, and continuing to comply with the LRQA Certificate Number YKA0937658. Products are as listed on the attached schedule.

Certificate No: 0038/PED/MUM/0810069/1  
Original Approval: 06 June 2008  
Current Certificate: 27 November 2009  
Certificate Expiry: 05 June 2011  
LRV Notified Body Number 0038

  
Raj Kumar on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited, 71 Fenchurch Street London EC3M 4BS UK

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**EC CERTIFICATE OF QUALITY SYSTEM APPROVAL  
CERTIFICATE 0038/PED/MUM/0810069/1 SCHEDULE**

**Benkan Japan KK  
Osaka Factory  
Amagasaki-shi, Hyogo-ken  
Japan**

**PRODUCT**

CARBON STEEL PIPE FITTINGS			
Size (OD)	Schedule/Thickness	Specification	Material Grade
DN 350 (355.6 mm) to DN 1200 (1219.1 mm)	STD (9.5 mm) to Schedule 160(59.54 mm)	A - 234	WPB, WPBW, WPC and WPCW
DN 350 (355.6 mm) to DN 1200 (1219.1 mm)	STD (9.5 mm) to Schedule 160(59.54 mm)	A - 420	WPL6 and WPL6W
ALLOY STEEL PIPE FITTINGS			
Size (OD)	Schedule/Thickness	Specification	Material Grade
DN 350 (355.6 mm) to DN 1200 (1219.1 mm)	STD (9.5 mm) to Schedule 160(59.54 mm)	A - 234	WP11 CL1 and CL2 WP11 CL1W and CL2W WP12 CL1 and CL2 WP12 CL1W and CL2W WP22 CL1 and CL3 WP22 CL1W and CL3W WP5 and WP5W WP9 and WP9W WP91 and WP91W
STAINLESS STEEL PIPE FITTINGS			
Size (OD)	Schedule/Thickness	Specification	Material Grade
DN 350 (355.6 mm) to DN 1200 (1219.1 mm)	Schedule 10S (5.0 mm) to Schedule 80 (31.0 mm)	A - 403	WP304 and WP304-W WP304L and WP304L-W WP304H and WP304H-W WP316 and WP316-W WP316L and WP316L-W WP321 and WP321-W WP321H and WP321H-W WP347 and WP347-W WP347H and WP347H-W

Schedule Issue: 4

Date of Schedule Issue: 27 November 2009

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 Raj Kumar on behalf of Lloyd's Register Verification