

DECLARATION OF CONFORMITY:

Pressure Equipment Directive 97/23/EC

Mann Teknik AB of Strandvägen 16, SE-542 31 Mariestad, Sweden hereby declares that the products listed comply with the essential requirements of the Pressure Equipment Directive 97/23/EC.

Pressure accessories:

DDCouplings (STANAG), DGCouplings, DACouplings (ISO45) and SBCouplings

Conformity assessment procedure followed:

no CE-marking**	SEP=sound engineering praxis	Article 3 section 3*
CE 0038	Cat 1=Category 1	Module A
CE 0038	Cat 2=Category 2	Module D1

For piping intended for gases, liquefied gases, gases dissolved under pressure, etc. according to article 3 paragraph 1.3.(a) [Annex II Table 6]

	Al		Br		SS	
DN25	PN16	SEP*	PN16	SEP*	PN25	SEP*
DN40	PN16	Cat 1	PN16	Cat 1	PN25	Cat 1
DN50	PN16	Cat 1	PN16	Cat 1	PN25	Cat 2
DN65	PN10	Cat 1	PN16	Cat 2	PN25	Cat 2
DN80	PN10	Cat 1	PN16	Cat 2	PN25	Cat 2
DN100	PN10	Cat 1	PN16	Cat 2	PN25	Cat 2
DN150					PN16	Cat 2

For piping intended for liquids according to article 3 paragraph 1.3.(b) [Annex II Table 8]

	Al		Br		SS	
DN25	PN16	SEP*	PN16	SEP*	PN25	SEP*
DN40	PN16	SEP*	PN16	SEP*	PN25	SEP*
DN50	PN16	SEP*	PN16	SEP*	PN25	SEP*
DN65	PN10	SEP*	PN16	SEP*	PN25	SEP*
DN80	PN10	SEP*	PN16	SEP*	PN25	SEP*
DN100	PN10	SEP*	PN16	SEP*	PN25	Cat 1
DN150	PN10	SEP*			PN16	Cat 1

*According to Article 3 section 3, the products designed and manufactured in accordance with the sound engineering practice (SEP) must not bear the CE marking. Unauthorized product modifications lead to an invalid declaration.

**Attention: If the coupling is Ex-marked the CE-marking is for ATEX classification

Notified body

Identification number 0038
Lloyds Register Verification Ltd.
71 Fenchurch Street
EC3M 4BS London

United Kingdom

Signed:



Name: Tony Mann

Title: General Manager

Date: 2nd February 2012



The products are based on the standards and referred guidelines

NATO STANAG 3756 (edition 4) - Industrial couplings	ISO 45, STANAG 3105, MS 24484, Aircraft - Pressure refuelling connection
94/9/EC – Equipment and protective systems intended for use in potentially explosive atmospheres	2008/68/EC – The transport of dangerous goods by road, rail or inland waterways inside the member states

The products are tested according to

EN 12266-1 and -2	Industrial valves – Testing of valves – Pressure tests, test procedures and acceptance criteria
EN 14432	Tanks for the transport of dangerous goods – Tank equipment – Product discharge and air inlet valves
ISO 5208	Industrial valves – Pressure testing of valves

Material specifications according to harmonized standards

Aluminium EN 573-1:2004 EN 573-2:1994 EN 1706:1998	Aluminium and aluminium alloys - Chemical composition and form of wrought products - Chemical composition and form of wrought products - Castings
Stainless Steel EN 10272:2000 EN 10028-7:2000 EN 10216-5:2004 EN 10213-4:1996	Stainless steel - Bars for pressure purposes - Flat products made of steel for pressure purposes - Seamless steel tubes for pressure purposes - Technical delivery conditions for steel castings for pressure purposes

Material specifications according to EAM / PMA

Brass / Gunmetal EN 12163:1998 EN 12164:1998 EN 1982:1998	Copper and copper alloys - Rod for general purposes - Rod for free machining purposes - Ingots and Castings
Stainless Steel EN 10088-3:1995 ASTM A479 ASTM A351	- Semi-finished products, bars, rods and sections for general purposes - bars and shapes for use in boilers and other pressure vessels - Castings, austenitic, austenitic-ferritic for pressure containing parts
Nickelalloys ASTM B574 VdTÜV Wst-blatt 400	- bars and shapes
Titan ASTM B348	- bars and shapes