


Type Approval Certificate Extension

This is to certify that Certificate No. 96/00006(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

APPLICANT	L Robinson & Co (Gillingham) Limited Owens Way Gads Hill Gillingham Kent, ME7 2RS United Kingdom (UK)	
PRODUCER & PLACE OF PRODUCTION	Jubilee Clips Limited Owens Way Gads Hill Gillingham Kent, ME7 2RS United Kingdom (UK)	
DESCRIPTION	304 and 316 Stainless Steel, 'Jubilee' Brand Hose Clips	
TYPE	Worm Drive Hose Clips	
APPLICATION	Marine, Offshore and Industrial use for clamping the ends of the flexible hoses.	
SPECIFIED STANDARD	BS 5315:1991	
RATINGS	Nominal Diameters	12, 16, 20, 22, 25, 30, 35, 40, 50, 55, 60, 70, 80, 90, 100, 120, 140, 150, 165, 190, 216, 242, 267, 292, 318,

Certificate No.	96/00006(E3)
Issue Date	8 March 2011
Expiry Date	25 January 2016
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Lloyd's Register EMEA

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APPLICATION GUIDANCE NOTES

1. The subject hose clips are considered suitable for the services listed below:
 - 1.1 On Ships/Mobile Offshore Units -
 - 1.1.1 Domestic salt and fresh water systems.
 - 1.1.2 Sanitary systems.
 - 1.1.3 Water pipes associated with air conditioning plant.
 - 1.1.4 Engine cooling water system, where the hose consists of a short, straight length joining two metal pipes, between two fixed points on the engine.
 - 1.2 On Yachts and Small Craft -
 - 1.2.1 Engine water cooling system, up to 2 inches if pipes are not engine mounted.
 - 1.2.2 Bilge piping systems up to 2 inches.
 - 1.2.3 Water injected engine exhaust pipes up to 1 inch.
2. The following conditions of use are to be observed -
 - 2.1 Hose clip sizes are to be within the stated size restrictions and regardless of service, the use of hose clip sizes greater than 140 mm diameter in applications where the maximum working pressure is greater than atmospheric pressure is to be by prior agreement with Lloyd's Register.
 - 2.2 The ends of the hose(s) concerned are to be prepared such that there is sufficient overlap with the pipe(s).
 - 2.3 The hose clips are to be secured and tested under full working conditions to the satisfaction of the Society's Surveyor.

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- 2.4 For the services mentioned at 1.1.4, 1.2.1, 1.2.2. and 1.2.3, two hose clips shall be fitted to each end of the hose.
- 2.5 Provided conditions 2.1 to 2.4 inclusive are complied with, the user shall, in any case, use the subject hose clips in accordance with the manufacturer's instructions.
3. The subject hose clips are not suitable for use with armoured hose.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 96/00006(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 96/00006(E2) to which this extension should be attached.

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