



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 91/00400(E13) for the undernoted products is amended and renumbered as shown.

This certificate is issued to:

PRODUCER

Taylor Kerr (Couplings) Ltd
Disraeli House
12, Aylesbury End
Old Beaconsfield
Buckinghamshire, HP9 1LW
United Kingdom (UK)

**PLACE OF
PRODUCTION**

Taylor Kerr Engineering Ltd.
6 Alston Drive
Bradwell Abbey
Milton Keynes
Bucks, MK13 9HA
United Kingdom (UK)

DESCRIPTION

Pipe Couplings for plain ended metallic pipes

TYPE

Axilock types I, II, IV and V
Axilock-S types I, II and IV
Axilock-FP types I, II &IV

**DESIGN AND
TESTING STANDARD**

Lloyd's Register's Rules and Regulations for the Classification of Ships;
Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft;
IACS Unified Requirement P2. Rev.2 (2006) (Type Approval of Mechanical Joints)

Certificate No.

91/00400(E14)

Issue Date

03 February 2017

Expiry Date

02 February 2022

Sheet

1 of 3



K. Matthews
Southampton Technical Support Office
Marine & Offshore Lloyd's Register

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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Register

APPLICATION

For Marine, Offshore and Industrial piping systems, the couplings are to be selected and installed in accordance with the manufacturer's recommendations.

For marine piping systems, the coupling are acceptable in locations specified in the Rules for the Classification of Ships, Part 5, Chapter 12, Section 2.12, or the Rules for the Classification of Special service Craft Part 15, Chapter 1, Section 5.8 for I.S.O. 19921/19922 wet fire tested, grip type, slip on joints. Specific restrictions for these couplings are stated below. For other systems not mentioned in the Rules, not listed below or for Offshore or Industrial systems then these will be specially considered.

For non-marine systems, only the Axilock FP coupling is approved for use where a fire safe coupling is required. However, for systems not mentioned in the rules, not listed below, or for offshore or industrial systems, Axilock and Axilock S couplings up to 168.3mm diameter and 16 bar pressure may be considered for such applications when fitted with a retrospective heat shield.

RESTRICTIONS

The couplings are not acceptable in the following locations:-

1. Class 1 piping, CO₂, starting and control air systems, with the exception of CO₂ vent lines;
2. Inside machinery spaces of category A or accommodation spaces for :-
 - a. Main lines of inert gas systems;
 - b. Pipe systems for flammable liquids including corresponding vent and sounding pipes;
 - c. Bilge main lines;
3. Steam pipe systems, except for pipes on weather decks of oil and chemical tankers;

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Sheet

2 of 3



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4. Scuppers and discharge (overboard). Deck drains, except for pipes above the freeboard deck;
5. Pipelines in cargo holds, tanks and other spaces which are not easily accessible;

RATINGS

Type	O.D. (mm)	Max. WP (bar)
Axilock I, II & IV	21.3 - 219.1	20
	244.5 - 273.0	8.5
	323.9	7.3
	355.6 - 406.4	6.0
Axilock V	21.3 - 219.1	20
	244.5 - 273.0	12.5
	323.9	10.5
	355.6 - 406.4	8.2
Axilock-S I, II & IV	38 - 139.7	16.0
	141.3 - 170	13.0
Axilock-FP I, II & IV	21.3 - 219.1	16.0
	273.0	8.75
	323.9	7.5
	406.4	6.0

"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. 91/00400(E14) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 91/00400(E13) to which this extension should be attached.

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Sheet 3 of 3



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