Certificate No: LR21236843TA
Issue Date: 19/06/2021
Expiry Date: 18/06/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**The Oilgear Company**
Address	1424 International Drive, Traverse City, MI, 49686, United States
Place of Production	The Oilgear Company 1424 International Drive, Traverse City, MI, 49686, United States
Type	Control Valve
Description	NV- 3 inch - Hydraulic Flow Shut Off Valve
Trade Name	FSV-0303-D-04
Application	Installed in Marine/Offshore environment for automatic/ manual control of hydraulic accumulator and cylinder systems
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships
Ratings	Max. Allowed Working Pressure : 5076 psi / 350 bar Min. Allowed Working Pressure : 250 psi/17.2 bar Rated Operating Temperature : -4°F(-20°C) to 122°F(50°C)
Other Conditions	1.Materials are to comply with Rules for Materials, Chapter.3, Section.4 and Section.5 for low temperature service. Supporting documents are to be to

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Assistant Specialist-Engineering Systems to
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A member of the Lloyd's Register group

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satisfaction of the Attending Surveyor.

2. Seals and gaskets shall be qualified and capable of functioning at the specified design parameters and retained fluid. Supporting documents are to be to satisfaction of the Attending Surveyor.

3. Valve functionality is only type tested at ambient temperature conditions. Valves are to be selected, installed and tested in accordance with the manufacturer's instructions and Lloyd's Register's Rules and Regulations for the Classification of Ships, Part 5, Chapter 12.

3. Fittings, flexible hoses, soft seated valves/cartridges, measuring devices, solenoid DCV are outside the scope of this type approval. They are to be certified and document evidences are shown to the satisfaction of the Attending Surveyor.

4. This Type Approval does not cover control aspects.

5. Usage limited to applications and locations where no fire endurance test is required.

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 Canada Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21236843TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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