Certificate No: LR2450935QAES
Issue Date: 30/04/2024
Expiry Date: 30/04/2027

Quality Assurance Engineering Scheme Certificate

Manufacturer	**Caterpillar Inc (Indiana)**
Address	3701,South Street, Lafayette, Indiana, 47905, United States
Scheme Type	**Quality Assurance Scheme for Machinery (QAM)**
Approval Number	**QAM 064**
Place of Production	**Caterpillar Griffin Power Systems**
	560, Rehoboth Road, Griffin, GA, 30224, United States
Place of Production	**Caterpillar Inc (Indiana)**
	1720 W Kingsbury St, Seguin, TX, 78155, United States
Product Type	Diesel Engines
Product Name	Caterpillar C9.3, C12, C18, C32 Series

This is to certify that the above named manufacturer has been approved by LR North America Inc in accordance with the requirements set out in the Quality Assurance Scheme for Machinery (QAM) within the Lloyd's Register Rules and Regulations for the Classification of Ships.

The quality system and procedures at these works covering production methods, inspection and testing, quality control and general standards of workmanship have been examined and are approved for the manufacture of the undernoted product(s) at the stated place(s) of production.

Such items will be eligible for fitting in ships or other installations classed or intended for classification subject to satisfactory installation under the usual conditions of survey and testing.
This approval is conditional upon the product(s) manufactured and certified under this Scheme being in

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Scott Williams

Lead Specialist - Quality Assurance Engineering Schemes, Americas to Lloyd's Register North America, Inc.

1330 Enclave Parkway, Houston, Texas, 77077,
United States

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accordance with the relevant requirements of the Rules and Regulations for the Classification of Ships and the organisation and procedures being audited by the Surveyors at agreed intervals.

For details of the scope of approval see subsequent pages of this certificate.

This certificate is issued to the named manufacturer and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate and reserves the right to cancel or withdraw this certificate.

The Quality Assurance Scheme for Machinery is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations for the Classification of Ships are complied with.

Scope of products covered by the scheme:

1. Caterpillar C9.3, C12, C18, C32 Series

C9.3 - 6 Cylinder.
C12 - 6 Cylinder.
C18 - 6 Cylinder.
C32 - 12 Cylinder.

Notes:
1. C9.3, C12, longs blocks and C12 short blocks assembled at Caterpillar Sequin, TX and shipped to Caterpillar Griffin, GA.
2. C9.3, C18, C32 Generator sets assembled at Caterpillar Griffin, GA with approved AC Generators provided by Leroy Somer (Lexington, TN and Renosa, Mexico) under separate QAM Scheme certification.

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