Certificate no.:
TAM00001FD

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Diesel Engine

with type designation(s)
NT855-M, NTA855-M, N855-M, NT855-D(M), NTA855-D(M), N855-DM

issued to
Chongqing Cummins Engine Co. Ltd.
Chongqing, China

is found to comply with
DNV rules for classification – Ships Pt.4 Ch.3 Sec.1 Reciprocating internal combustion engines

Application:

Propulsion (single or multi engine plants), auxiliary and emergency

Issued at **Hamburg** on **2025-12-09**
This Certificate is valid until **2030-12-08**.
DNV local unit: **Wuhan NB & CMC**

Approval Engineer: **Sven Neddenien**

for **DNV**

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This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

four stroke, trunk piston, in-line engine, non-reversible, with supercharging, with charge air cooling (NTA855-M, N855-M, NTA855-D(M), N855-DM), without charge air cooling (NT855-M, NT855-D(M), valve operation by cams

Fuel MGO, MDO, direct injection, injection operation by cams

Cylinder bore [mm]	140
Piston stroke [mm]	152
Number of cylinders	6

Application/Limitation

Propulsion

Model	NT855-M	NTA855-M	NTA855-M	N855-M	N855-M
Rated power [kW/cyl]	37.7	49.7	56.0	49.7	49.7
Rated speed [rpm]	1800	2100	1800	2100	1800
Mean effective pressure [bar]	10.67	12.16	16.00	12.16	14.19
Max. firing pressure [bar]	128	146	136	117	129

Auxiliary, emergency

Model	NT855-D(M)	NT855-D(M)	NTA855-D(M)	NTA855-D(M)	N855-DM	N855-DM
Rated power [kW/cyl]	38.3	49.2	52.2	52.8	52.2	52.8
Rated speed [rpm]	1500	1800	1800	1500	1800	1500
Mean effective pressure [bar]	13.14	14.05	14.90	18.11	14.90	18.11
Max. firing pressure [bar]	133	136	138	155	135	144

Type Approval documentation

Tests carried out

2025-11-04, Chongqing Cummins Engine Co. Ltd., Chongqing, China, Initial type approval test,
test engine NTA855-M, serial no. 41394874, 336 kW at 1800 rpm
test engine NTA855-D(M), serial no. 41393410, 317 kW at 1500 rpm
DNV reference A1703027 (262.1-043941-1)

Marking of product

The product is to be marked with the manufacturer’s name or trademark, the engine model designation, the engine serial no. and the output rating (kW at rpm).

Periodical assessment

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate. The objective of the periodical assessment is to verify that the conditions for the type approval are not altered since the type approval certificate was issued.
In case where the type approved product is manufactured at other companies, the periodical assessment shall verify that the type approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore, periodical assessment shall be carried out randomly at these companies.

Manufactured by

Chongqing Cummins Engine Co. Ltd., Chongqing, China

Other Conditions

1. Engine safety, control and monitoring systems, including sensors and actuators, are not covered by this certificate. Documentation for engine safety, control (including speed governing), and monitoring systems shall be submitted for approval according to DNV Rules Ships Pt.4 Ch.9 Sec.1 Table 5 and/or as listed in relevant Type Approval certificates.
2. The required sensor for low fuel oil pressure supply at engine inlet (after filter) for propulsion and auxiliary applications is not provided with the engine’s delivery. It shall be provided by the shipyard installation.
3. The required sensor for low coolant pressure or flow or alternative monitoring of expansion tank level is not provided with the engine’s delivery. It shall be provided by the shipyard installation.

END OF CERTIFICATE