

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flexible Mounts for Propulsion or Auxiliary Machinery**

with type designation(s)

IsoFlex Engine Mounts - CM series, GPM series, MS series, MB series, IFX series, MT series, MSS series, TM series

Issued to

ISOFLEX TECHNOLOGIES PTY LTD
Coomera, QLD, Australia

is found to comply with

DNV GL rules for classification – Ships**DNV GL rules for classification – High speed and light craft****Application :****The flexible mounts are approved for mounting of propulsion engines, auxiliary engines and reduction gear.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2018-10-17**This Certificate is valid until **2023-06-30**.for **DNV GL**DNV GL local station: **Sydney**Approval Engineer: **Jørgen Jensen Tande**.....
Oddvar Deinboll
Head of Section

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.



Job Id: **262.1-003955-8**
Certificate No: **TAM0000016**
Revision No: **1**

Product description

Polymer flexible engine mounts

Application/Limitation

The mounts are approved for use for mounting of propulsion, auxiliary engines and reduction gear

Size of mounts to be chosen according to the maker's data sheets for the approved series of mounts.

Type Approval documentation

Tests carried out

Tests carried out in January 2007, reported in IsoFlex Booklet received with letter from DNV Brisbane dated 2010-03-19.

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification.

Other conditions

No product certificate required

Installation, maintenance and inspection of the mounts to be done according to the maker's instructions.

Engine vibration calculations to be submitted for approval according to DNV GL Rules for Ships Pt.4, Ch.2. Sec.1 [6 Foundations for Machinery].

Periodical assessment

For retention of the type approval, a DNV GL surveyor shall perform an assessment after 2 years and after 3.5 years, to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

In cases 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.

- END OF CERTIFICATE -