DNV·GL

Certificate No:
TAM00000M1

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Spark Arrestor

with type designation(s)
Series SCU, Series SHU, Series SRU, Series SSU, Series SUH, Series SUC, Series SUR, Series SUI

Issued to
Miratech Prior Lake, Inc.
Prior Lake MN, United States

is found to comply with
DNVGL-OS-D101 – Marine and machinery systems and equipment, Edition July 2015
DNV GL class programme DNVGL-CP-0282 – Type approval – Spark arrestors
DNV GL rules for classification – Ships Pt.6 Ch.2 Propulsion, power generation and auxiliary systems

Application :

The spark arrestors are approved for use on diesel engines in areas where emission of exhaust gas is permitted onboard ships and mobile offshore units classed by DNV GL..

Issued at **Houston** on **2017-07-26**
This Certificate is valid until **2022-07-25**.
DNV GL local station: **Certification & Inspection Services**

Approval Engineer: **Monique Seymore**

for **DNV GL**

Per Jørgen Tviberg
Team Lead

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.

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Job Id: **262.1-007650-5**
Certificate No: **TAM00000M1**

Product description

Centrifugal type spark arrestors:

- Series SCU
- Series SHU
- Series SRU
- Series SSU
- Series SUH
- Series SUC
- Series SUR
- Series SUI

Application/Limitation

The spark arrestors are approved for use on diesel engines in areas where emission of exhaust gas is permitted onboard ships and mobile offshore units classed by DNV GL.
The spark arrestors are approved for use onboard ships and mobile offshore units classified by DNV GL in areas where emission of exhaust gasses is permitted.

Size of arrestor to be chosen according to the maker's instructions.

Type Approval documentation

Tests carried out

1. Procedures related to testing, welding, NDT, etc. are to be reviewed/approved by DNV GL's local surveyor.
2. Reference reports in A0403993.

Marking of product

For traceability, the following markings shall be carried out on each product:

1. Unique serialization (i.e. serial no.)
2. As stated in
3. According to the manufacturer's specification(s)

Other comments/conditions

1. This TAC replaces M-12632.

Periodical assessment

For retention of the Type Approval, DNV GL's surveyor shall perform a survey every second year in accordance with DNV GL Type Approval Scheme DNVGL-CP-0338, October 2015 Edition.

END OF CERTIFICATE