

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Combined Jet/Spray Water Nozzle**with type designation(s)
Unifire Type VIssued to
Unifire AB
Kungälv, Västra Götalands Län, Swedenis found to comply with
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations
DNV GL rules for classification – Ships
DNV GL offshore standards**Application :****The types V12, V14, V16, V18 and V20 are approved throughout the fire line except for hose reels in accommodation. See application/limitation on page 2.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2019-11-04**for **DNV GL**This Certificate is valid until **2020-11-03**.DNV GL local station: **Gothenburg FIS**Approval Engineer: **Helge Bjørnarå****Mårten Schei-Nilsson**
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: **262.1-000216-5**
Certificate No: **TAF00000YN**
Revision No: **1**

Product description

"Unifire Type V"

is composed of multipurpose nozzle of opening sizes: Ø 7, 10, 12, 14, 16, 18 or 20 mm

Manufactured at the premises of Holmgrens Metall AB, Gnosjö, Sweden.

Application/Limitation

Each product is to be supplied with its manual for installation, use and maintenance.

Types V7 and V10 are not to be used for fire hoses as required by SOLAS (Chapter II-2, Reg.10, item 2.3.3). They may be used in fire line installed as supplementary equipment and onboard vessels with DNV GL class Notation F-A.

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Test report No. 7813.511, dated 15th August 1979 from SP, Borås, Sweden.

Test report No. 7813.511D, dated December 1979 from SP, Borås, Sweden.

Function test GOT 010210 dated 24th September 2001 from DNV Gothenburg.

Tests carried out

Tested according to EN 671-2:2001.

Marking of product

The product or packing is to be marked with name and address of manufacturer and type designation.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.