

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Hoisting, Rotation and Pipehandling Equipment**with type designation(s)
60" Drilling Line Wire Sheave

Issued to

FAREM FONDERIE ACCIAIO REMANZACCO SRL
Remanzacco UD, Italyis found to comply with
DNVGL-OS-E101 – Drilling facilities, Edition January 2018**Application :****60" Drilling Line Wire Sheave (3 different versions).**Issued at **Høvik** on **2020-02-20**This Certificate is valid until **2025-02-19**.DNV GL local station: **Italy/Malta CMC**for **DNV GL**Approval Engineer: **Ola E. Ruud**

Per Esvall
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: **262.1-032500-1**
Certificate No: **TAD000018V**

Product description

60" Drilling line wire sheave

Application/Limitation

Design parameter	Value	(equivalent)
SWL (rope wire load)	645 kN	65,68 mT
Wire rope diameters	38 , 41 & 45 mm	1.5", 1.625" , 1.75" *)
Wrap angle	25° – 180°	
Max fleet angle	1,5°	
Min. design temp.	-20 °C	
Max. rope speed	25 m/s	

*) Min. design factor: 3 (API-Spec. 8C)

Type Approval documentation

Drawing no.	Rev.	Title
102942998	01	60" Drilling Line Wire Sheave (1,750" wire rope)
102943001 -	02	60" Drilling line Wires sheave (1,625" wire rope)
102942984	01	60" Drilling line Wires sheave (1,500" wire rope)
SH60R-DMCA-1906-00	EX-60-00	FE Analysis 60" Sheave

Tests carried out

Each product to be tested according to DNVGL-OS-E101, Drilling facilities, Jan.2018, Ch.2, Sec.8
Non destructive examination and procedures shall be in accordance with DNVGL-OS-E101, Ch.2, Sec.8

Marking of product

For traceability, the following marking is to be carried out on each product:

- Part No.
- Serial no.
- Rated load Capacity
- Manufacturer's Name or Trade mark

Periodical assessment

For retention of the Type approval certificate, DNVGL's representative shall carry out biennial Product Audits.