

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Lifting Gear**

with type designation(s)

Loadlink plus, Radiolink plus and Wirelink plus

Issued to

STRAIGHTPOINT (UK) LIMITED**Havant Hampshire, United Kingdom**

is found to comply with

DNV GL standard DNVGL-ST-0378 – Standard for offshore and platform lifting appliances**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2018-03-16**for **DNV GL**This Certificate is valid until **2023-03-15**.DNV GL local station: **Approval Centre United Kingdom**Approval Engineer: **Antonio Sendin Alvarez**

Aldo Matteucci
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.



Product description

Load links with the following characteristics:

SWL's = 1, 2.5, 6.5, 12, 25, 35, 55, 75, 100, 150, 200, 250 and 300 tonnes
DAF : 1.3
Design temperature = -20 °C

Application/Limitation

1. This approval is limited to the load-bearing parts; functionality is not covered by this certificate.
2. All materials are to be delivered with 3.1 certificates, documenting mechanical properties and chemical composition in accordance with the DNVGL-ST-0378 Sec. 3
3. It is the responsibility of the Holder of the Certificate to ensure that both design and production are in compliance with Rules, Standards and/or Regulations listed on page 1 of this Type Approval Certificate.
4. The load links have been considered as "loose gears" with a minimum safety factor of 4 against the tensile strength.

Type Approval documentation

Drawing No.	Rev.	Title	Status	Date
SU3796A	-	1te & 2.5te load link GA drawing	Type approved	2018-03-14
SU3797A	-	6.5te load link GA drawing	Type approved	2018-03-14
SU3798A	-	12te load link GA drawing	Type approved	2018-03-14
SU3799A	-	25te load link GA drawing	Type approved	2018-03-14
SU3800A	-	35te load link GA drawing	Type approved	2018-03-14
SU3801A	-	55te load link GA drawing	Type approved	2018-03-14
SU3802A	-	75te load link GA drawing	Type approved	2018-03-14
SU3803A	-	100te load link GA drawing	Type approved	2018-03-14
SU3804A	-	150te load link GA drawing	Type approved	2018-03-14
SU3805B	-	200 & 250te load link GA drawing	Type approved	2018-03-14
SU3806A	-	300te load link GA drawing	Type approved	2018-03-14
171527	24.11.2017	Material certificates	For information	2018-03-14

Tests to be carried out

In order to obtain a CG3 certificate, each load link shall be tested according to the DNVGL-ST-0378 Table 14-2 and NDT to be carried out according to DNVGL-ST-0378 Sec.3

Marking of product

Each load link is to be marked according to DNVGL-ST-0378 Sec.14.5.

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNVGL-CP-0338.

END OF CERTIFICATE