

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Separator for Primary Refrigerant Side**with type designation(s)
T27

Issued to

SES International BV
DELDEN, Netherlands

is found to comply with

DNV GL rules for classification – Ships Pt.4 Ch.7 Pressure equipment**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Temperature range:** -20°C to 100°C**Operating media:** Group 1 refrigerants + oil**Design pressure:** -1 / 15 barThis Certificate is valid until **2021-06-30**.Issued at **Høvik** on **2017-01-23**DNV GL local station: **Rotterdam**Approval Engineer: **Simon Ratcliffe**for **DNV GL**

Marianne Spæren Marveng
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:
Certificate No: **TAP00000G6**

Product description

Oil separator for refrigerating plants.

DNV GL pressure vessel class II.

Joint efficiency, $v = 1,0$ (100% NDT)

Application/Limitation

Approved for refrigerant group 1 (See DNV GL Pt.4 Ch.6 Sec.6).

Each separator is to be certified by a DNV GL surveyor and is to be delivered with a product certificate.

Type Approval documentation

Marking of product

Each pressure vessel shall be permanently and legibly marked on the pressure part or on a nameplate permanently attached to a principal pressure part to show its identity and origin.

The marking of pressure vessels shall show at least the following particulars:

- manufacturer's name and address
- type designation and serial number
- year of manufacture
- maximum allowable working pressure
- hydrostatic test pressure.

Periodical assessment

For retention of the type approval, a DNV GL Surveyor shall perform a survey at least every second year and before the expiry date of this certificate to verify that the conditions for the type approval are complied with.