



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAE00003CS**  
Revision No:  
**2**

## This is to certify:

that the Cable Tray

with type designation(s)  
**TRAY H53R and accessories**

issued to

**Gouda Holland B.V**  
**Moordrecht, Zuid-Holland, Netherlands**

is found to comply with

**DNV rules for classification – Ships, offshore units, and high speed and light craft**

## Application:

**Products approved by this certificate are accepted for installation on all vessels classed by DNV.**

<b>Material</b>	<b>Hot Dip Galvanized and Stainless Steel</b>
<b>Suitable for open deck</b>	<b>Yes</b>

Issued at **Høvik** on **2024-02-09**

for **DNV**

This Certificate is valid until **2028-12-31**.

DNV local unit: **Netherlands West FIS**

Approval Engineer: **Nicolay Horn**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2023-09

www.dnv.com

Page 1 of 2

## Product description

TYPE:	Tray H53 R – Cable tray for indoor & outdoor installation.
Standard surface:	Hot Dip Galvanized, Stainless Steel 304 / 316L
Thickness:	Hot Dip Galvanized 1,5 mm, Stainless Steel 1,0 mm.

Product no.	Width (mm)	Weight (kg)	Length (mm)	Product no.	Width (mm)	Weight (kg)	Length (mm)
32082.15*	75	3.98	3000	32085.15*	200	6.59	3000
32083.15*	100	4.50	3000	32086.15*	250	7.63	3000
32084.15*	150	5.55	3000	32087.15*	300	8.67	3000

## Application/Limitation

For installation on board Offshore Units and Ships.

The installation is to be mechanically protected in accordance with DNV Rules and especially on weather decks in cargo hold areas and through cargo holds.

Cable ladders must not to be used as a walkway.

## Type Approval documentation

Technical info : Gouda Holland catalogue «Tray H28/H28R – H53/H53R»  
 Drawings : Tray – GP drawing numbers 32082.154 issued 01.03.1999.

Test Reports. Dekra Test report no. 2154358.52A issued 05.12.2013 and 0709/172198661/12 dated 30.07.2012.

## Tests carried out

Type tests in accordance with IEC 61537.

## Marking of product

Gouda Holland B.V. – Type designation – Width – Material (cover marking).

## Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from and Routines (RT) checked (if not available tests RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE