



TEST CERTIFICATE

N°17/X4/01/36/1

RINA file No.: X4/2017/X4/01/36
Manufacturer or Supplier: SKIPPER ELECTRONICS AS - ENEBAKKVEIEN 150 RYEN Oslo - NORWAY
Work Order No.: 103682
Purchaser: Wärtsilä SAM Electronics GmbH - BEHRINGSTRASSE 120 Hamburg - GERMANY
Order No.: - Intended for: for stock -

THIS IS TO CERTIFY that the items, particulars of which are given below, have been tested and found to be in compliance with the requirements of RINA Rules for the Classification of Ships

The calibration status and adequacy of the test measurements devices used have been satisfactorily verified.

Description of material:

Overboard valve, DN100

a. Material of valve bodies: 316L / 1.4408; DN (mm): 100; Description, Standard or Approved (Quantity: 1)
Drawing: Ball valve; Hydrostatic test pressure (bar): 5; Test certificates for valve bodies materials:
E1-16006S30

Serial Number: A12812 / 17023

a. Material of valve bodies: 316L / 1.4408; DN (mm): 100; Description, Standard or Approved (Quantity: 1)
Drawing: Ball valve; Hydrostatic test pressure (bar): 5; Test certificates for valve bodies materials:
E1-16006S30

Serial Number: A12824 / 17024

Inspection and test carried out:

- Material testing
- Visual and dimensional examination
- Hydrostatic test (Test Pressure: 5.0 bar)

Markings: 2017/X4/01/36



TP 5.0 BAR

Testing date: 26Jan2017

Issued at: Sandefjord

on:

19Apr2017

Jarle Bjørntvedt

RINA Services S.p.A.