



Confirmation of Product Type Approval

Company Name: CLASS INSTRUMENTATION LTD

Address: 837 GARRATT LANE, LONDON, United Kingdom, SW17 0PG

Product: Tightness Detection System

Model(s): Door Safe

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	24-0061416 PDA	28-JUL-2024	03-OCT-2029
Manufacturing Assessment (MA)	27-MAY-2030	NA	NA
Product Quality Assurance (PQA)	NA	NA	NA

Tier

2- Type Approved, unit certification not required

Intended Service

Water tightness testing system for use on ABS classed vessels and offshore installations in accordance with the listed ABS Rules and International Standards.

Description

The system comprises a micro-processor controlled transmitter, containing 13 off 40 KHz emitters arranged on a dome, producing uniformly distributed omni-directional ultrasound field and a handheld ultrasonic receiver unit which, connects to a 10 mm diameter inspection microphone on a telescopic arm thereby allowing tightness measurements in dBuV values. Primary function is to test doors for water tightness but can also be used to check tightness of doors, windows, ramps, opening and bulkhead.

Ratings

Power supply: Transmitter - 6 Rechargeable NiMH or 6 disposable AA Alkaline batteries; Receiver: 1 PP3 9V battery

Service Restrictions

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. Operators are to be suitably trained in the operation of the equipment.

Notes, Drawings and Documentation