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# DET NORSKE VERITAS

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## TYPE EXAMINATION CERTIFICATE

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**CERTIFICATE NO. A-12621**  
This Certificate consists of 2 pages


*This is to certify that the*  
**WMT 700 SERIES ULTRASONIC WIND SENSORS**  
*with type designation(s)*  
**WMT701, WMT702, WMT703**

*Manufactured by*  
**Vaisala Oyj**  
Vantaa, Finland

*is found to comply with*  
IEC 60945 Ed. 4 (2002-08) Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results

*Application*  
See page 2

*Place and date*  
Høvik, 2012-03-27  
for DET NORSKE VERITAS AS

  
for Jan Tore Grimsrud  
Head of Section



Local Office  
Helsinki

*This Certificate is valid until*  
2016-06-30

  
Steinar Kristensen  
Surveyor 

**Notice: 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 Examination Certificate and not to the approval of equipment/systems installed.**

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: A-12621  
File No.: 840.50  
Job No.: 262.1-012511-1

## Product description

WMT700 series of Ultrasonic Wind Sensors consist of the following product types with different measurement ranges:

Type	Measurement range
WMT701:	<40 m/S
WMT702:	<65 m/s
WMT703:	<75 m/s

## Application/Limitation

Installation to be performed according to the manufactures Product Manual.

## Type Approval documentation

Doc ID.	Description
M211095EN-D	MANUAL: WMT700 User Manual
100452A-EMC	REPORT: Intertek, Radiated Emission, 150kHz-30MHz
TR220577	REPORT: Vaisala, Change og temperature
TR220573	REPORT: Vaisala, Cold tests 1
TR220879	REPORT: Vaisala, Cold tests 2
TR220888-B	REPORT: Vaisala, Conducted Emission
TR220575	REPORT: Vaisala, Damp Heat tests 1
TR220576	REPORT: Vaisala, Damp Heat tests 2
TR220578	REPORT: Vaisala, Drop tests
TR220574	REPORT: Vaisala, Dry Heat tests 1
TR220878	REPORT: Vaisala, Dry Heat tests 2
TR220581	REPORT: Vaisala, EMC tests
TR220540	REPORT: Vaisala, IP tests 1
TR220514	REPORT: Vaisala, IP tests 2
TR220869	REPORT: Vaisala, Power Supply Failure/Excessive Power Supply conditions
TR220580	REPORT: Vaisala, Salt Mist
TR220584	REPORT: Vaisala, Vibration test 1
TR220539	REPORT: Vaisala, Vibration test 2

## Tests carried out

Environmental testing: IEC 60945 (2002)

## Marking of product

The Manufacturer and Type Designation to be applied to the equipment in a clearly visible location and in addition the equipment shall be marked with serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

## Certificate retention survey

A retention survey is to be performed at least once every second year, and again upon renewal of this certificate. The scope of the retention/renewal survey is to verify that the production quality conditions stipulated for the type approval are complied with and that no alterations are made to the product design or its components and/or materials without appraisal by the Society

END OF CERTIFICATE

