



Germanischer Lloyd

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **54 788 - 08 HH**

Company **WINTEB**  
**Ferro en Lichtmetaalgijeterij**  
**P.O. Box 156**  
**9670 AD Winschoten, NETHERLANDS**

Product Description **AIR PIPE HEADS WITHOUT SCREEN**

Type **• WIN2000 BWM, sizes: DN 50 to DN 450**

Environmental Category **• None**

Technical Data /  
Range of Application **TECHNICAL DATA**  
**Casing: G-AlMg5Si, G-AlMg3Si, G-CuAl10Ni, G-CuSn10Zn,**  
**G-CuZn33Pb, G-AISI7Mg**  
**O-Rings: Nitrile Butadiene [NBR]**  
**Ball: Polyethylene [PE]**  
**Size Range: DN 50 to DN 450**  
**RANGE OF APPLICATION**  
**As automatic closing devices on air and overflow pipes which terminate above the**  
**open deck.**  
**The air pipe head characteristic curves of the manufacturer are to be taken into**  
**consideration.**

**MARKING**  
**The casings are to be marked as follows:**  
**• manufacturer's mark • Type • nominal diameter •**

Test Standard **• IACS Req. P3 1991, Rev.2 2004**

Documents **• Test Reports WINTEB, dated 21.01.2008, 25.01.2008**  
**• General Drawing No. WIN 2000 BWM, dated 04.12.2007**  
**• Air Pipe Head Characteristic Curves**

Remarks **• The air pipe closing devices may not be used for cargo tanks on tankers**

Valid until **2013-02-05**

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Type Approval Symbol



File No. II.A.21

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*Hanspeter Raschle*  
Hanspeter Raschle

*Peter Gierhan*  
Peter Gierhan