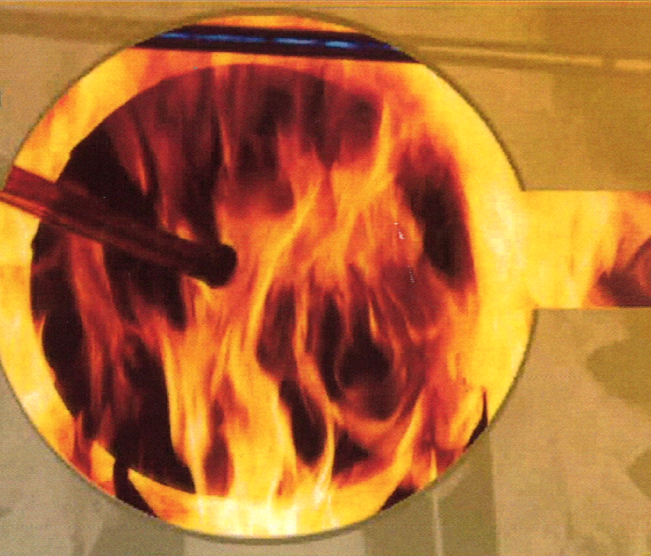


# FIRE TEST QUALIFICATION CERTIFICATE



Score (Europe) Ltd



Customer	Norske Ventilator as
Item	Floating Ball
Size	2"
Class	150
Order No	4436
Unique No	194222-8
Serial No	9050
Body Material	A276 S31803
Seat	PTFE
Manufactured by	Norske Ventilator as
In accordance with job number	194222 COW
In accordance with drawing number	12.984E Rev 04, dated 12/06/09

The above valve was tested by Score (Europe) Ltd at their Specialised Valve Research and Test Centre, Cowdenbeath, Scotland and the results have been recorded as a PASS, having complied with the minimum performance requirements stated in specification

BS EN ISO 10497:2004, Second Edition August 2004 and ANSI/API Standard 607, Fifth Edition June 2005

Test date	10/07/09
Other sizes qualified	2" & below, 2½", 3", 4"
Other pressure ranges qualified	150, 300 & PN10, PN16, PN25, PN40

Tested by

S Fox / S Penman



Witnessed by

W Campbell Lloyd's Register EMEA

13.07/2009



This certificate must be read in conjunction with the full Score Test Report Number

194222-8

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DNV ID. No.: GSLET/99A44 REV. 01  
DNV PROJECT NO.: 550 21158

## INSPECTION REPORT

Survey requested by : Norske Ventiler AS  
Place and date of Survey : Norske Ventiler AS, Ågotnes  
5 September 1990, 11 March 1991, 7 - 17 June 1999

### BALL VALVES IN MATERIAL SS 316:

Quantity tested	Valves Tested		Valves Qualified		Drawing no.	High test pressure	Low test pressure
	Size	Rating lb.	Size	Rating lb.			
1 off	½"	150	½", ¾", 1"	150, 300	12.559F	14.5 bar	2.0 bar
1 off	½"	600	½", ¾", 1"	600, 800, 900	12.662B	74.5 bar	7.2 bar
1 off	½"	1500	½", ¾", 1"	1500, 2500	12.1667B	186.2 bar	NA
1 off	½"	2500	½", ¾", 1"		12.610	317.0 bar	NA
1 off	1½"	150	1½", 2", 2½", 3"	150, 300	12.530L	14.5 bar	2.0 bar
1 off	1½"	600	1½", 2", 2½", 3"	600, 800, 900	12.531A	74.5 bar	7.2 bar
1 off	1½"	1500	1½", 2", 2½", 3"	1500, 2500	12.770	190.0 bar	NA
1 off	2"	150	2", 2½", 3", 4"	150, 300	12.984O	14.5 bar	2.0 bar

### BALL VALVES IN MATERIAL TITANIUM - B348 Gr.2:

Quantity tested	Valves Tested		Valves Qualified		Drawing no.	High test pressure	Low test pressure
	Size	Rating lb.	Size	Rating lb.			
1 off	½"	150	½", ¾", 1"	150, 300	12.559E	14.5 bar	2.0 bar
1 off	1½"	150	1½", 2", 2½", 3"	150, 300	12.530M	14.5 bar	2.0 bar
1 off	2"	150	2", 2½", 3", 4"	150, 300	12.984P	14.5 bar	2.0 bar

This is to confirm that the above listed items manufactured by:

**NORSKE VENTILER AS, ÅGOTNES, NORWAY**

on the 5 September 1990, 11 March 1991, and 7 to 17 June 1999 was fire tested according to BS 6755, Part 2 1987, at Norske Ventiler's premises at Ågotnes. The test was witnessed and the test results verified to meet the requirements given in the above mentioned test procedure by the undersigned surveyor to Det Norske Veritas.

Bergen, 18 June 1999

DET NORSKE VERITAS AS

  
G. Ivar Sletten  
1864

Surveyor

Operation & Maintenance Technology, Bergen

It is agreed that save as provided below Det Norske Veritas, its subsidiaries, bodies, directors, employees and agents shall have no liability for any loss, damage or expenses allegedly caused or induced by their mistake or negligence, breach or warranty, or any other act, omission or error by them, including gross negligence or wilful misconduct by any such person with the exception or gross negligence or wilful misconduct by the governing bodies or senior executive officers of Det Norske Veritas. This applies regardless of whether the loss, damage or expense has affected anyone with whom Det Norske Veritas has a contract or a third party who has acted or relied on decisions made of information given by or on behalf of Det Norske Veritas. However, if any person uses the services of Det Norske Veritas or its subsidiaries or relies on any decision made or information given by or on behalf of them and in consequence suffers a loss, damage or expense provided to be due to their negligence, omission or default, the Det Norske Veritas will pay by way of compensation to such person a sum representing his proved loss. In the event Det Norske Veritas or its subsidiaries may be held liable in accordance with the sections above, the amount of compensation shall under no circumstances exceed the amount of the fee, if any, charged for that particular service, decision, advice or information. Under no circumstances whatsoever shall the individual or individuals who have personally caused the loss, damage or expense be held liable. In the event that any provision in this section shall be invalid under the law of any jurisdiction, the validity of the remaining provisions shall not in any way be affected.