

SINTEF NBL as

Address:

Postboks 4767 Sluppen

7465 Trondheim

NORWAY

Telephone: +47 73 59 10 78

Telefax: +47 73 59 10 44

Enterprise /VAT No: 982 930 057

Report

Fire-extinguishing tests

IMO Res. MSC.265(84), annex 14 – Cabin and Corridor

**VERSION**
1**DATE**
2012-02-13**AUTHOR(S)**
Christian Sesseng**CLIENT(S)**
RG Systems, S.L.**CLIENT'S REF.**
José Ignacio Melgosa**PROJECT NO.**
107486**NUMBER OF PAGES/APPENDICES:**
10 + 3 Appendices**KEYWORDS:**Fire
Extinguishing
Water mist
Test**ABSTRACT****Fire-extinguishing tests**



This report presents results from fire extinguishing tests conducted with water mist system delivered by RG Systems S. L. according to IMO Res. MSC. 265(84), chapter 5 - "Cabin and corridor fire tests".

Nozzles type EMM-633656C, delivered by RG Systems, were used for the tests. The nozzles were tested with spacing at 3.5 m (two exceptions) and with nominal water pressure at 100 bar. The k-factor was measured to be $2.24 \text{ kg/min} \cdot \text{bar}^{1/2}$.

Nine tests of relevance to the acceptance of the system according to the requirements for "Cabin and Corridor" are presented in this report.

All reported tests satisfy the requirements of the test method.

PROJECT MANAGER
Christian Sesseng**CHECKED BY**
Reidar Stølen**APPROVED BY (name, position)**
Atle W. Heskestad, Director**REPORT NO.**
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