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TEST REPORT

TITLE

RG Systems, S.L
Fire Extinguishing Tests according to:
IMO Res.265(84) – Shopping and Storage area.
Conducted June 2009

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ABSTRACT

This report presents results from fire extinguishing tests conducted with the water mist system delivered by RG Systems S. L according to IMO MSC/Circ. 265, chapter 7 - "Storage area fire tests".

The nozzle type EMM-640856CM delivered by RG Systems was used for the tests. The nozzles were tested with spacing at 2.7 m and with average water pressure at 100 bar. The k-factor was measured to be $2.62 \text{ kg}/\text{min} \cdot \text{bar}^{1/2}$. The ceiling height was 2.5 m for the whole test period.

Three tests of relevance to the acceptance of the system according to the requirements for "Shopping and storage area" are presented in this report.

All reported tests satisfy the requirements of the test method.

KEYWORDS	ENGLISH	NORWEGIAN
GROUP 1	Fire	Brann
GROUP 2	Extinguishment	Slokking
SELECTED BY AUTHOR	Water Mist	Vanntåke
	Tests	Forsøk