



Collecting of Watermist Data

Dirk Laibach, Johnson Controls

Collecting of Watermist Data

Actual situation for conventional fire fighting systems:

- Data for conventional fire fighting systems are available
- Effectiveness knowledge available
- Reliability data available
- Quite a lot of such data related to Watermist Systems is missing

Collecting of Watermist Data

Ideation workshop at IWMA - Questions:

- How to collect data?
- Which benefit?
- Does it help?
- Which ways/options do we have?
- Data collection: Our goal?

Result of the IWMA ideation workshop:

- We need a form to collect data on an “easy way”
- Fire Incident Report
- Technology comparison possible
- Reliability evaluation possible
- Creates confidence in WM technology

REPORT ON FIRE INCIDENTS

To	Sender
IWMA Poststrasse 33 (im HBC) 20354 Hamburg Germany	Company: _____ Contact Person: _____ Address: _____ _____

Customer: _____ Zip code / city: _____
 (customer would not like to be named)

SECTOR / USE		OBJECT
<input type="checkbox"/> automotive / supplier	<input type="checkbox"/> plastics industry	<input type="checkbox"/> archive
<input type="checkbox"/> offices	<input type="checkbox"/> food industry	<input type="checkbox"/> printing machine
<input type="checkbox"/> chemical industry	<input type="checkbox"/> logistics	<input type="checkbox"/> edp system
<input type="checkbox"/> print industry	<input type="checkbox"/> metalworking industry	<input type="checkbox"/> paint-spray line
<input type="checkbox"/> IT-services	<input type="checkbox"/> museums	<input type="checkbox"/> storage
<input type="checkbox"/> electronic industry	<input type="checkbox"/> paper manufacture	<input type="checkbox"/> car park
<input type="checkbox"/> power supply	<input type="checkbox"/> recycling / refuse incineration	<input type="checkbox"/> sales area
<input type="checkbox"/> restaurants / hotels	<input type="checkbox"/> schools	<input type="checkbox"/> rolling device
<input type="checkbox"/> trade	<input type="checkbox"/> care homes / old people's homes	<input type="checkbox"/> machine tool
<input type="checkbox"/> woodworking industry	<input type="checkbox"/> places of public assembly	
<input type="checkbox"/> hospitals / health care	<input type="checkbox"/> domestic / residential	
Other: _____ _____		Other: _____ _____

area protection facility protection / ceiling height: _____ metre / storage height: _____ metre

Kind of extinguishing system:	Further details:
<input type="checkbox"/> chemical gases	Year of construction of extinguishing system: _____
<input type="checkbox"/> carbon dioxide	Date and time of day of fire: _____
<input type="checkbox"/> spark-extinguishing installation	Number of activated nozzles: _____
<input type="checkbox"/> inert gases	Used amount of extinguishing agent: _____ kg
<input type="checkbox"/> powder	System connected to fire brigade <input type="checkbox"/> yes <input type="checkbox"/> no
<input type="checkbox"/> foam	During working hours: <input type="checkbox"/> yes <input type="checkbox"/> no
<input type="checkbox"/> sprinkler	System has successfully extinguished: <input type="checkbox"/> yes <input type="checkbox"/> no
<input type="checkbox"/> water mist	System activation: <input type="checkbox"/> automatically <input type="checkbox"/> manually

Cause of fire: _____
Further details: _____

International Water Mist Association / Internationaler Wasser-Nebel Verband e.V. Poststrasse 33 in 20354 Hamburg (HBC) Tax no. 103 / 142 / 04048 Registergericht: Amtsgericht HH VR 22038	Tel: +49 (0) 4 35085-215 Fax: +49 (0) 40 35085-80 Internet: www.iwma.net E-Mail: info@iwma.net	Deutsche Bank account no: 1127513 Bank code: 81070024 Adolphsplatz 7 in 20457 Hamburg IBAN: DE 40 8107 002 401 127 513 00 BIC/SWIFT DEU TDE DBM AG
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THANK YOU!
Any Questions?

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