

**FIRE MAIL**  
Newsletter for Business and Product Development  
- Land Division -

**GENERAL NEWS**



**ODENSE FIRE CONGRESS & EXHIBITION**

August 24-26th Novenco Fire Fighting were present at the Fire fighters and Authorities congress in Odense. We showed our new INSTA Unit along with our XFlow® components, the stand had many visitors among whom were part of the Danish fire authority, whom informed us that Water mist is now generally accepted as a fire protection system throughout Denmark.

**FIRE MAIL ISSUE  
3/2011**

This third issue of Novenco Fire Fighting's Firemail is long overdue, but packed with several of updates within the Land Division.

This issue will include launch of new products such as our INSTA unit, glimpses of our Land seminar in May and an account where one single XFlow® nozzle protected a factory in Denmark.

Check out this space for more information regarding Novenco Fire Fighting.

Here you can read the latest Fire Mail also download certificates, datasheets, referncelists etc.

[www.novenco-ff.com](http://www.novenco-ff.com)



LAND SEMINAR MAY 2011

May 5th 2011 marked the first day of the 2 day Novenco Fire Fighting Land Seminar. The Seminars first day was held at Korsør Fire training school. Here attendees got to see the XFlow® System at work, both with the LAND pump unit, the open and closed nozzles, and their extinguishing capabilities. The attendees were also introduced to our new INSTA unit, and self contained solutions.

Day one was divided into two tests: the open nozzle test and the closed nozzle test, where attendees could see the nozzles up close, the spray patterns, application and fire extinguishing abilities.

The Fire test container had a window for viewing on the outside; here attendees could safely observe the XFlow® nozzles' capabilities in the different tests. When the test was over, the container was ventilated. At this point attendees were given the opportunity to view the damage of the fire, and the remaining mist in the container and the results of the smoke scrubbing from the water mist.

Day two was held at the Novenco Fire Fighting Headquarters. Here we went over the theory concerning Water Mist technology and also showed our component and other complimentary applications such as the K5 Galley and CO2 Galley duct systems.



Korsør Fire training School



Test container setup and demonstraion at our 2011 Land Seminar.



INSTA unit



Viewing window outside test container and attendee entering container in protective suit.

## MARKET NEWS AND DEVELOPMENT

### NEW LAND INSTA PUMP UNIT

A new Land Pump Unit was unveiled at Novenco Fire Fighting's previous annual Land Seminar.

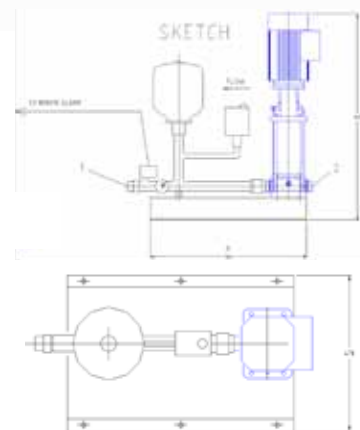
The unit is designed according to the new INSTA 900-1 standard. The INSTA 900-1 standard is an Inter-Nordic standard for residential sprinkler systems.

Our new INSTA-Unit can be used in private homes, retirement homes, hospitals, hotels, dorms etc.

Guests at the land seminar showed great interest in the pump unit and new orders have already been received.



Demonstration model of an INSTA Pump Unit



### WATER MIST FIRE PROTECTION THE SIMPLE WAY!

Novenco Fire Fighting also designs water mist fire protection solutions, that consist of nitrogen bottle(s), water tank and water mist nozzle(s).

This very simply solution can be used to provide fire protection of i.e. specific production equipment or machinery. The system is a self contained unit with no need for electricity or external water supply.



Demonstration setup from our 2011 Land Seminar.

### XFLOW® SYSTEM PROTECTS TULIP FACTORY

During a weekend in October of 2010 it was reported that one single XFlow® nozzle controlled and extinguished a fire at the Tulip Sausage Factory in Svenstrup, Denmark.

The detection system consisting of a smoke detectors signaled an alarm from the smoke generator room, but upon arrival of personnel at the "fire" site, no fire was to be found except heavy smoke and the smell of burnt wood chips.



XFlow® singel nozzle spray pattern

One XFlow® nozzle above one of the 16 smoke generators had been released, no further nozzles were released, and consequently this one XFlow® nozzle not only prevented the fire from spreading but extinguished the fire. A clear spray pattern was found on the wall where the water had washed away the smoke; this also demonstrates the XFlow® spray pattern (See Photo.)

In direct result of this the Tulip Factory could resume its business uninterrupted the Monday after the incident.

### REGULATORY NEWS

During the summer period a small group from IWMA has been busy drafting a proposal for the revised standard CEN/TS 14972:2010 "fixed Firefighting systems - Watermist systems - Design and installation."

The draft is now available for comments within IWMA and will be submitted for the CEN working group at the next meeting in October.

Also the Danish guideline for water mist has been revised and was open for comments until the end of August. Depending on the number of issues raised we expect to have the guideline ready early next year. The guideline will have the number DBI guideline 254.

On the marine front the yearly IMO meeting for the Fire Protection, FP 55, was held in July. Several new guidelines were proposed, among others a new guideline for RO-RO decks, a guideline for Helidecks and a new guideline for the inspection of fixed fire fighting systems.

The proposed guidelines may be adopted next year.