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### CST Fire Water Tanks - Logical Solutions to Logistical Challenges

Alfreton, Derbyshire, September 16, 2015 - CST is pleased to announce the manufacture and construction of what is believed to be the largest FM approved Galvanized Mild Steel fire water storage tank in Europe (if not the world).

Developing new markets is key to CST's success and in 2015 we launched our existing flat panel Galvanized Mild Steel FM and LPCB approved fire protection and sprinkler supply tanks in Holland.

When our client was designing the FM approved fire sprinkler system for a 20,000m<sup>2</sup> (215,278 ft<sup>2</sup>) logistics center in Zaandam; they had a challenge on their hands. Due to the number of sprinkler heads in the building they needed to store in excess of 2,500m<sup>3</sup> (660,430 US Gallons) of water in order to meet the fire suppression system requirements. Typically for such a large amount of fire water storage, two tanks would have been specified and useful storage space would have been lost to accommodate two concrete footprints for the tanks.

When the above challenge was coupled with a very tight deadline to manufacture, supply, and install; it led to only one solution - A single tank. Except at this size there were few options available. Fortunately, CST has pre-approved FM tank sizes ranging from 57m<sup>3</sup> to 2,548m<sup>3</sup> (15,057 to 673,110 US Gallons) and was able to manufacture and install the tank within 10 weeks.

The benefits to the end user of a single tank kit are the maximization of the land footprint and the reduced costs associated with a single tank build being lower than with multiple tanks. When combined with the ability of CST to take an 'off the shelf' approved design, this ensured there were no delays in the project schedule.

When asked how they rated the experience of working with CST, our client said we exceeded all of their expectations and were a logical choice for future projects.

CST Storage is the world's largest provider of modular, factory coated bolted storage tanks for dry bulk and liquid applications in municipal, industrial and agricultural markets. The company has fabrication facilities located in Parsons, KS; Winchester, TN; DeKalb, IL; and Alfreton, England. Its engineering centers of excellence are located in Kansas City, MO; Parsons, KS; DeKalb, IL; Winchester, TN; and Alfreton, England. CST Storage maintains its headquarters in Kansas City, MO. For more information, contact Kim Mathis, Global Marketing Director, CST Industries at +1.713.351.3769.



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