



## Product Alert

November 18<sup>th</sup>, 2016

### Type of Notification: Performance Related Concern

FM Approvals has been made aware of a manufacturing defect in 3790 Zinc Plated 45 Degree Pipe Fittings bearing the FM Approval Mark manufactured by VSH Fittings B.V.

**Company Identity:** VSH Fittings B.V.  
**Name:** Peter Broest  
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**Product Identity:** Non-Gasketed Compression Type Pipe Fittings  
**Description:** **Zinc Plated 45 Degree Bends**  
**3/4, 1, 1-1/4, 1-1/2 and 2 inch sizes (22, 28, 35, 42, 54 mm)**  
**Make/Model:** Model C1413, Article Number 620172.3

**FM Approval Status:** Currently FM Approved

**Hazard Involved:** The defect consists of an incorrectly applied zinc coating which may chip or flake off while in service. There is a possibility that, without the proper zinc plating, the pipe fitting may be subject to accelerated corrosion. Additionally where a large number of the fittings may be used in a system, the accumulation of zinc flakes could possibly cause an obstruction to sprinkler water flow.

It is recommended that these compression type pipe fittings be removed and replaced with new product supplied by VSH. If there is any doubt regarding the identification of a compression type pipe fitting, seek advice from the pipe fitting supplier or directly from VSH Fittings B.V.

If you suspect you are in possession of VSH Fittings B.V.'s Model C1413 Zinc Plated 45 Degree Bends, Article Number 620172.3 bearing the FM Approvals certification marking, please bring that to the attention of:

**Antonio L. Pires**  
**FM Approvals, Quality Department**  
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