



# Haycock & Hague Pipework Systems Ltd

Value Added Engineering

## Kidde Fire – Foam Proportioning/Deluge Skid Units

In late August 2009 we were successful in being awarded a prestigious project to fabricate, assemble and test 14 off 10" Foam Proportioning and 4 off Pump Skids destined for Algeria as part of the Etterkib Project for Kidde Fire. This was the first occasion that we have worked with the team at Kidde and upon writing this bulletin we are happy to announce that the project was a great success with our delivering to client requirements in terms of safety, quality and cost.

The Units were designed by Kidde with our in house Engineers/Designers then producing fabrication isometrics to ensure anticipated design features were accommodated during the fabrication process. The design code for the project was ASME B31.3 with all welding works being undertaken to Third Party Approved Weld Procedures in accordance with ASME IX.

The skids/project comprised of the following equipment and services:

- 18 off hot dip galvanised fabricated Carbon Steel Bases.
- Welding (with 10% NDT) of all inter connecting 316 and A106 seamless Carbon Steel pipework (ranging from 1" to 10").
- Pre-fabrication and Black Assembly trial fitment.
- Full assemble and test of completed modules with Factory Acceptance Trials undertaken within our works.
- Loading, and delivery to international port for final shipment to Algeria.
- Valves and instrumentation were free issued to us for installation.
- Final Data dossiers prepared which were scrutinised and approved by nominated independent third party inspector.

