



Corrosive Brine Main Renewal



After many years of use, the two carbon steel main Brine Feed Pipes to the Salt Union Company in Runcorn had finally reached the end of their useful life. Woodford Plastics Ltd installed a replacement single pipe using Polyethylene. The exceptional corrosion and wear resistant properties of the new Polyethylene Main Brine Feed Line will give many years of trouble free service.

The work was carried whilst the two original Brine Main lines were live and active, and so special care was necessary when excavating the new trench adjacent to the existing live mains.

The existing mains were only taken out of service when the new main had been fully installed and only the final connections were to be added.



Main pipe splits into 10" & 8" to connect into steel main.

Scope Of Work

- Excavate landscape to facilitate access for digger
- Dig trench in preparation for new Brine Main.
- Supply 280 mtrs of 315mm PE
- Site weld and install new Polyethylene Brine Main.
- Make final connections into existing Brine Feed Lines
- Test new Brine Main
- Back fill trench
- Make good landscape.

Other products and services:

Plastic pipe & fittings supply

Plastic Pipe & fittings installation

Plastic tanks and vessels

Secondary containment systems

GRP structures and walkways

Corrosion resistant PTFE lined steel pipes & fittings

Bespoke plastic fabrications

Special points of interest:

- New main from 315mm HDPE
- All joints welded on site
- Work carried out adjacent to live existing mains
- Contract completed on-time
- Contract completed on budget
- Minimum interruption to production for connecting in new Brine Main

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