

# Maxol AdBlue Production Facility, Ireland

KPS Provides Easy-Install Zero-Permeation Piping Solution for Maxol AdBlue Production Facility



KPS piping proved the perfect solution for this new Maxol AdBlue production facility



A long term zero permeation system was required

## Project Overview

Petroleum Installations Solutions approached KPS to provide a reliable installer-friendly primary containment piping system for a new Maxol AdBlue production facility in Ireland.



A piping system with a large range of fittings was required

## Problem

Petroleum Installations Solutions, the company charged with supplying and installing the pipework needed a primary containment piping system (90 mm 3" and 63 mm 2") for a new Maxol AdBlue production facility, which could be trusted to perform for the long term with zero permeation. Due to the layout of the facility, a system with a large range of fittings was required, including tight bends, and transitions to tanks and steel pipework. This project also had a tight build schedule, so installation time was key.

Petroleum Installations Solutions was already familiar with the KPS piping system from their forecourt projects and had a number of pipefitters trained in its installation, so approached them for a solution for this project.



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KPS piping is engineered for installers, reducing cost and build time





The KPS technical team worked with Petroleum Installations Solutions to create drawings using KPS' extensive range of fittings



KPS piping is made of high-density polyethylene, and includes liners to prevent permeation of fuel

## Solution

KPS' primary contained (single wall) 90mm 3" and 63 mm 2" plastic polyethylene pipework proved the perfect solution.

Petroleum Installations Solutions and KPS had already worked together on a number of forecourt sites, and they were familiar with the KPS piping system, its reliability and easy electrofusion installation. Their installation team had also received on site and classroom training from KPS previously.

The KPS technical team worked with Petroleum Installations Solutions to create drawings using KPS' extensive range of fittings including stainless steel transition fittings, and short radius bends, and supported the team through the installation, including visiting the site before, during and after the installation.

Key features of KPS piping for this project

- Engineered for installers: reducing cost and build time
- Compact fittings, elbows and tees
- Tried and tested for over 25 years
- Approvals from EN 14125, ATEX 137, EN 13463-1 and many other country specific standards
- Zero permeation
- Full technical support
- Corrosion-free



The installation was completed ahead of schedule

## Results

The installation was completed ahead of schedule, and Petroleum Installations Solutions continue to specify KPS piping for new projects, both on forecourts and for other industries requiring high-performance piping.

**For more information on the KPS product range please contact us:**

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