BOLLFILTER AUTOMATIC SYSTEMS PROTECT PURITY

of aviation fuel within BPA's UK pipeline

BPA is a specialist in the operation and engineering of onshore oil & gas pipeline systems, with over 30 years' experience of managing pipelines for clients throughout the world.

One of BPA's many projects is the maintenance of a major UK pipeline which distributes aviation fuel from a number of different refineries direct to airport storage facilities.

A BOLLFILTER Automatic Filtration System has been installed within the main refinery pumping station to ensure that the whole aviation fuel pipeline is kept clean and free from particulates. Three BOLLFILTERs Automatic Type 6.18 operate on a dual duty and single standby basis to provide continual automatic filtration down to 250 microns. Regular backflushing ensures that the filter membranes remain clear without the need for maintenance or plant downtime.

The BOLLFILTER installation for the BPA pipeline replaced a previous system which used mechanical scraper blades as part of the filtration process. Unfortunately, these filters suffered from wear and were costly to maintain. BOLLFILTERs Automatic are designed with few moving parts to minimise such wear and tear.

Stephen Pearson, BPA Project Engineer, explains the benefits of the BOLLFILTER filtration system. *"BOLLFILTER backflushing technology is efficient and reliable and ensures that our many miles of pipeline are protected against contamination. However, the main benefit of the new system is reduced maintenance. After operating continually for twelve months, the BOLLFILTERs showed no signs of wear when stripped down and checked."*

TOP: Aviation fuel refinery pumping station.
CENTRE & BOTTOM: BOLLFILTER Automatic Filtration System comprising two duty and single standby BOLLFILTER Automatic Type 6.18

Client BPA

System
BOLLFILTER Automatic Type 6.18
12" ANSI 150lbs
Flow Rate: 550 m3/h
Filtration Level: 250 microns
Liquid: Aviation Fuel, Diesel Oil & Petrol
Operating Pressure: 19 bar

BOLLFILTER Protection Systems

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