

Geberit Mapress delivers the piping solution for Data Centre.

Geberit have developed a bundled pipe solution with FSS in central London.





→ Project overview:

A Data Centre in Central London required new bulk tanks, polishing systems and pipework, fully linking with the existing single skin welded steel pipe system. Tanks had to be drained and de-gassed, with temporary tanks installed and out of hours works required, making the project a particularly costly one.

Fuel Storage Solutions (FSS) historically used compression, single skin, stainless steel pipe on similar jobs, but this particular application required bunded pipe. FSS worked with Geberit in Germany to develop a suitable pipe, complete with a ten year warranty. FSS is now the only company in the world that can offer bunded press-fit pipe of this type and the only company approved by Geberit to fit it.

→ Why Geberit?

With Geberit Mapress, no hot works are required, so for this particular project the installation was completed without the need to empty tanks and put in temporary storage facilities. Any future modifications can be easily done; drain the line or attach a new fitting, for example.

The line was taken from the bulk tanks all the way to the day tank in one continuous run, monitored 24/7 and linked into the BMS, pumps or solenoid valve on the bulk tank. If a leak is detected the line will stop taking-in oil.

Jonathan Barnett, Managing Director for FSS, said: "In our opinion, Geberit Mapress is vastly superior to welded or threaded steel, presenting a better and cheaper alternative. Now, combined with bunding, we have developed with Geberit a unique product that specifically meets the challenges of our sector.

"FSS has since been asked to look at using this new piping solution for water, coolants, gases and waste products in sensitive areas where leaking is not an option."

Jonathan Barnett, Managing Director for FSS.

→ Project information

Building: Data Centre
Location: Central London
Installer: FSS (Fuel Storage Solutions)
Project Completion: July 2013

→ Geberit Know-How

Problem: Required a bunded piping solution to transport fuel

Solution: Bespoke, bunded Geberit Mapress Stainless Steel