

CASE STUDY:

Data Centre, Guizhou Province, China

World-Class Technology Company Specifies KPS Piping to Fuel New Data Centre's Backup Generators

One of the most prestigious technology companies in the world specified KPS for their backup generator pipeline for their new data centre in China. When planning a data centre, the backup power generation system is one of the most critical considerations as power outage can lead to economic losses and other serious consequences for the company and its clients.



Key Requirements

- A long term liquid tight piping system to fuel backup generators, ensuring an uninterrupted power supply to the data centre.
- A high-performance piping system which would allow a 933 litre/minute flow rate.
- Easy, fast installation.
- Anti-static/conductive piping.



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KPS' double wall piping includes an interstitial space, providing an extra layer of security.



KPS electrofusion welding, ensures the piping system has zero permeation (liquid/watertight).

The KPS Solution

- KPS' 4" (125/110mm) KPS double wall piping
- Electrostatically safe conductive piping, preventing potential static build-up.
- KPS double wall piping includes an interstitial space, providing an extra layer of security.
- Easy-install compact electrofusion fittings, ensure the piping system has zero permeation (liquid/watertight) and welds both walls simultaneously, reducing installation time.