

Application story



Pentane Transfer and Dosing

Location	Eggborough, UK (Installation: 2018)	Hydra-Cell model	G10EKCJHFEMA
Type of application	Transfer and Dosing	Flow rate	TBA
Liquid	Pentane	Pressure	8 - 9 bar (116 – 130.5 psi)
Application details	This customer is a UK manufacturer of thermal and acoustic glass mineral wool, stone wool, and PIR insulation. Site uses 2 x pairs of Hydra-Cell G10 pumps, fed from 2 x underground tanks with a positive Nitrogen blanket to transfer Pentane used as a blowing agent approx. 60m to the Dosing stations in the main production building, where other Hydra-Cell G10 pumps continuously dose this into the PIR (Polyisocyanurate Insulation Board) manufacturing process. Running since 2018, these pumps offer the safe containment of the Pentane, offering site the security they appreciate.		
Advantages of Hydra-Cell pump on this application	• 100% containment of the process liquid - ensuring environmental and operator safety • Recommended by OEM		

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