

Application story



Gas Drying (16)

Location	India (Installation: 2019)	Hydra-Cell model	D35XESGHFEHH
Type of application	GDU Recirculation Pumps	Flow rate	24 l/min (6 GPM)
Liquid	Tri-Ethylene Glycol (TEG)	Pressure	96 Bar (1392 psi)
Application details	The purpose of this pump is to feed the TEG into the absorber and to recover the liquid content of water from the natural gas. Prior to being fed into the pipeline, the natural gas needs to be dried. TEG (as used in anti-freeze solution) is pumped an absorber as its dehydrating agent to pull out water from the stream of natural gas flowing over it. The customer experienced problems with their previous pump with leakage due to seal failure within 2-3 months of installation; this issue was exaggerated as the TEG is a non-lubricating liquid and operating temperature of 92-100 °C.		
Advantages of Hydra-Cell pump on this application	• 100% containment - no leakage of Glycol • Capable for handling liquid at higher temperature 92-100 °C with no failures • With no dynamic seals or packing, reliability in handling liquids with solid particles and (sand) traces in the process liquid		

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com