

Application story



Boiler Feed Phosphate Dosing (2)

Location	Czech Republic	Hydra-Cell model	G21XDSTSFEHG
Type of application	Boiler Feed Phosphate Dosing	Flow rate	20 - 50 l/min (5.3 - 13.2 gpm)
Liquid	Water Phosphate	Pressure	30 - 100 Bar (435 - 1450 psi)
Application details	The Veolia Energie Company is one of the most important producers and suppliers of thermal and electrical energy in cogeneration and is the first independent operator of cooling systems on the Czech market. Main activities include: - The supply of Heat, Cooling, Electricity, Nitrogen and Compressed Air - Operation of Heat & Cooling Systems - Supply of Industrial Utilities Phosphate inhibitors are used in boiler systems for corrosion protection. In the past, many users have installed traditional piston pumps. However the dynamic seals of this technology are designed to leak and fall foul of the crystals that the phosphate produces on contact with air - Effectively ruining the seals in a very short time. This leads to unreliability, unpredictable breakdowns and of course increased maintenance. Hydra-Cell pumps with their seal-less design do not suffer at all from these issues and 100% contain the liquid, leading to reliable running and minimal maintenance.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell's ability to: - Offer vastly reduced maintenance, due to its seal-less design. - Offer the lowest initial acquisition & installation costs when compared to other, traditional metering pumps.		

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