

Industry: Chemicals Industry
Products Used: Frequency Inverters

Not much air in this high pressure business

CIS Ltd. specialises in pumping cryogenic gases at very low temperatures (-200 C). They recently selected a Mitsubishi inverter to control a pump in an application that required accurate control of very high pressure liquid gas.

Sensors and Systems spent a great deal of time with CIS both at their head office and at the customer's site understanding all the issues involved and defining the requirements of the system. They suggested using a Mitsubishi FR-A540 inverter to drive the motor, as this has a 200 % overload capacity, more than enough to drive the pump. It is also important to slow down the pumping at the correct rate.

The use of Mitsubishi's inverter products in a demanding environment has brought about considerable benefits and savings, both in technical and financial terms. By drawing upon the skills and resources of Sensors and Systems, CIS has increased its sales and is looking forward to greatly expanding business in this area. Together they are building a solid business partnership - a very satisfactory arrangement all round.



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