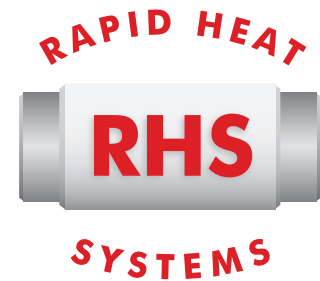


SALES AND RENTAL OF HEAT TREATMENT EQUIPMENT

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PRE HEAT APPLICATIONS

Customer: NACAP

Client: Gasunie

Job Description: To pre-heat 48" 17 to 21mm wall, gas pipeline tie-ins the pipeline was fabricated in 500 metre strings and floated out onto the water of the IJsselmeer for further connection. In total 28 kilometers of pipeline was laid consisting of in excess of 50 welds.

Job Location: On IJsselmeer at every 500 meter point from Medemblik to Workem.

Job Date: 14th May 2006 until end of October 2006.

Equipment:
1 x 35kw RHS Induction Heating Machine
1 x 50ft Induction Heating Extension Cable
1 x 30ft Induction Heating Cable
1 x 80ft Induction Heating Cable

Results:
For the initial heat up we set up a 2 - coil configuration of 1 x 30ft hose inside the external clamp.
For the main welding we set up a 2 - coil configuration of 1 x 80ft hose at 100°C covering either side of the weld.

