Thermal Response Test Equipment Data

Country: Spain

Contact Person: Iñigo Urra

Organisation/Company: Cidemco Tecnalia

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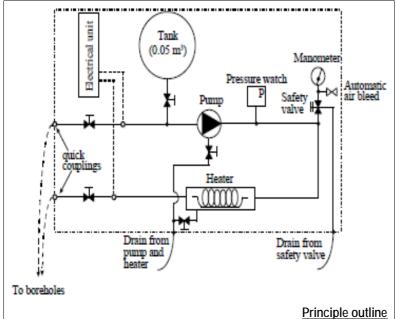
Email:inigo.urra@cidemco.es



Fill-in Date: 01-2010

GENERAL TRT DATA

Type: Heat extraction	No TRTs: 1	Size, weight: L+W+H, 150 kg
Aim: Research		Pump: turbo, 1 kW
Powered by: Electricity.		Heater: electric, 6 kW
Built on/in: Portable.		HP/Cooler:



Temperature measurements:

- temperature sensor, type PT100, ±0.1 °C

Flow rate measurements:

- Burkert 8035

Voltage stabilization: No

Supply Power Monitoring: *No*

GPS: No

Remote Control of Operation: No

Remote Data Collection: Yes

Logger: MW 100, Yokogawa

TRT EXPERIENCE

Years of operation: 1

Number of performed measurements: 2 Research

Typical borehole depths: 100 m

Applications: BHE, energy piles, heat pipe BHE's, etc.

Typical collector type: 1U

Typical fluid type: Water

Typical groundwater temperature: 15 °C

Geographical area: Bask Country

Analysis Method: Numerical.