FERNWÄRME-FORSCHUNGSINSTITUT IN HANNOVER E.V.



Test Certificate

No. 489 0701 56Aa

Soil Stress Test According to EN 489:2003

for

Joint System

Electric welded Joint

German Pipe® Type GP SSM "

by order of

German Pipe® Industrie- und Fernwärmetechnik GmbH

FFI-Report 787A4727

Test Specimens:

Joint for preinsulated tube 2x DN 80/160 mm, 1x DN 150/250 mm

The soil stress test was carried out according to the European Standard EN 489:2003 at the FFI in Jan. 2007: Sandbox test according to EN 489:2003 with 100 cycles for DN 80/160 and 300 cycles for DN 150/250 and water impermeability test according to EN 489:2003.

There was no water ingress.

The soil stress test for the above joint system was successful.

Fernwärme-ForschungsInstitut Tel. 0511/94370-0 - Fax -70

Managing Director:

Dipl.-Ing. Thomas Grage

Project Manager:

Dipl.-Ing. (FH) Volker Herbst

District Court

