

BASF plc

BASF

Seal Sands . P O Box 62 . Middlesbrough . TS2 1TX . England

Mr Tim Gardner
Gardner Energy Management
1 Taylor's Court
Broad Street
Bristol
BS1 2EY

21 January 2002
☎ 2220

Dear Tim

During your visit to Seal Sands I said that we would be taking some thermal images of the GEM trap in our distillation column re-boiler installation.

The prints are attached. The steam flow to the re-boiler was approx. 2750 kg/h. The pressure reading on the re-boiler steam chest was approx. 7.8 barg, the temperature at the strainer approx. 153 deg C and the temperature downstream of the trap was cycling between 93 deg C and 106 deg C. The condensate flows into a common condensate header and receiver that receives condensate from other applications supplied from a low pressure steam (2.7 barg) source. The condensate receiver vents to atmosphere.

Feel free to use these images for any purpose you wish, **HOWEVER** it is BASF corporate policy not to allow its name to be used in any third party promotion. You may not use BASF's name, or the location of the plant, in any use you make of the above and attached information.

If you wish to discuss this information or seek any clarification, please give me a call.

Yours sincerely



K M Norrie
Project Co-ordinator

Received by GEM Ltd					
22 JAN 2002					
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