Measurement Report for Temperature Registration
of Validation/Qualification Runs

Preparation date: 15.12.2008 09:04:21

Measurement file: W0000004.098

Adjustment date, time: 05.11.2008 09:08:39

********** INSTALLATION **********

Installation: Dampf

Installation number: 14070-1005

Site:

Chamber size: < 800 liters

*********** WORK/REFERENCE STANDARD ***********

Data logger:		Number:
Heat source:	Sika	Number:
Pressure:	W6-231	Number:
Reference:	W6-200	Number:
Reference channel:	Kanal 2	

*********** APPROVAL CRITERIA **********		********** ADJUSTMENT POINTS **********	
Approval criteria according to:	Thermoel.	Adjustment point 1:	115.00 °C
Stability:	0.30 °C	Calibration point 1:	121.00 °C
Error limit before adjustment:	2.00 °C	Adjustment point 2:	134.00 °C
Error limit adjusted values:	0.30 °C		

Annotations:
1x textile load

| Calibration operator (test date/sign):   Manager (date/sign): |
|---|
| (15.12.2008, A. Hauschildt) |
| Test institution: |
| Attachments: |

Chart of the measurement

°C   hPa

sec.

— Pressure	— Channel 1	— Channel 2	— Channel 4	— Channel 5	— Channel 6	— Channel 7
— Channel 8	— Channel 9	— Channel 10	— Th.steam temp.			
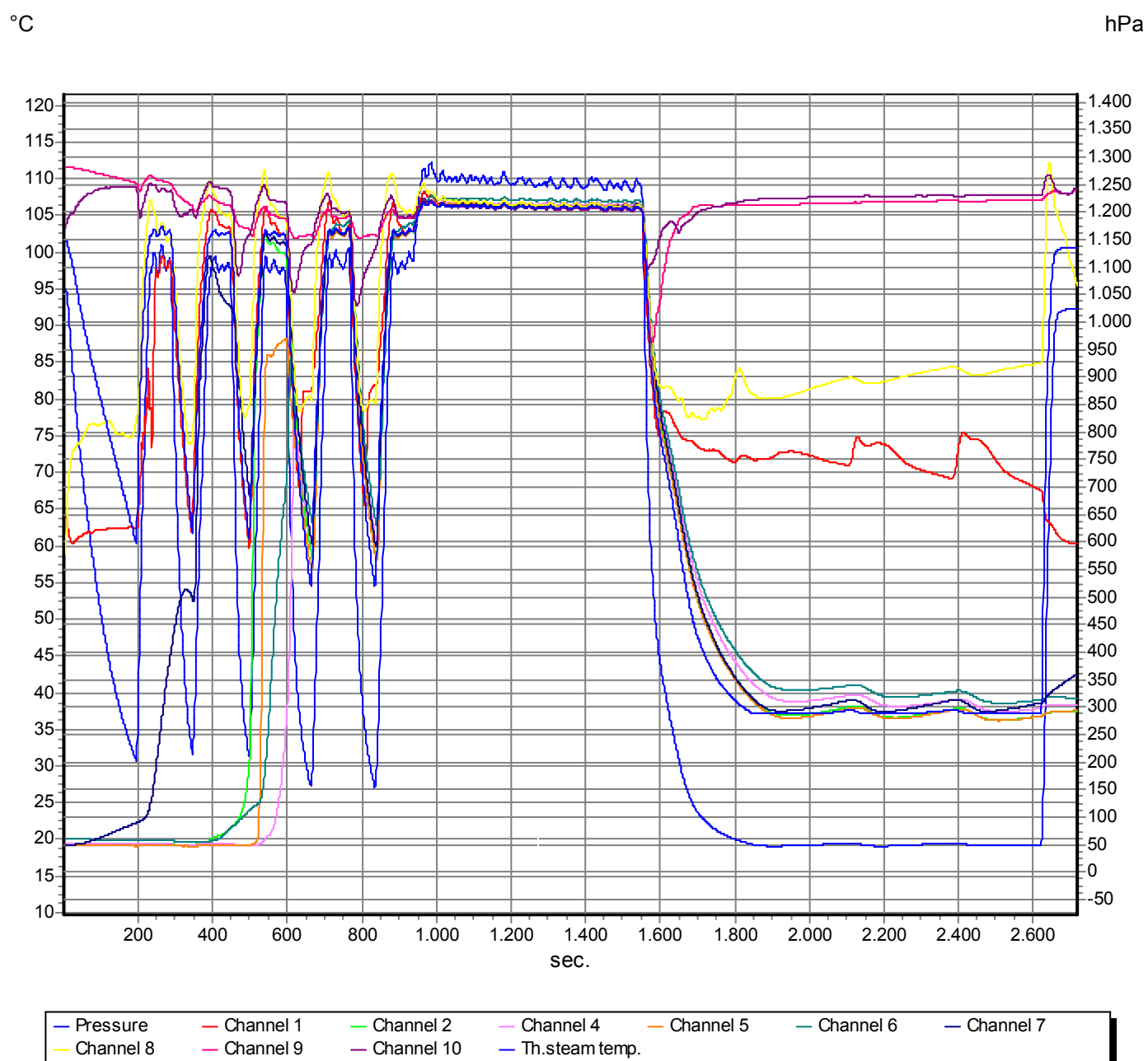
Analysis Chart

at work temperature 105.00 °C

| — Pressure | — Channel 1 | — Channel 2 | — Channel 4 | — Channel 5 | — Channel 6 | — Channel 7 |
| — Channel 8 | — Channel 9 | — Channel 10 | ▬ Work temp. | ▬ View min. | ▬ View max. | — Th.steam temp. |
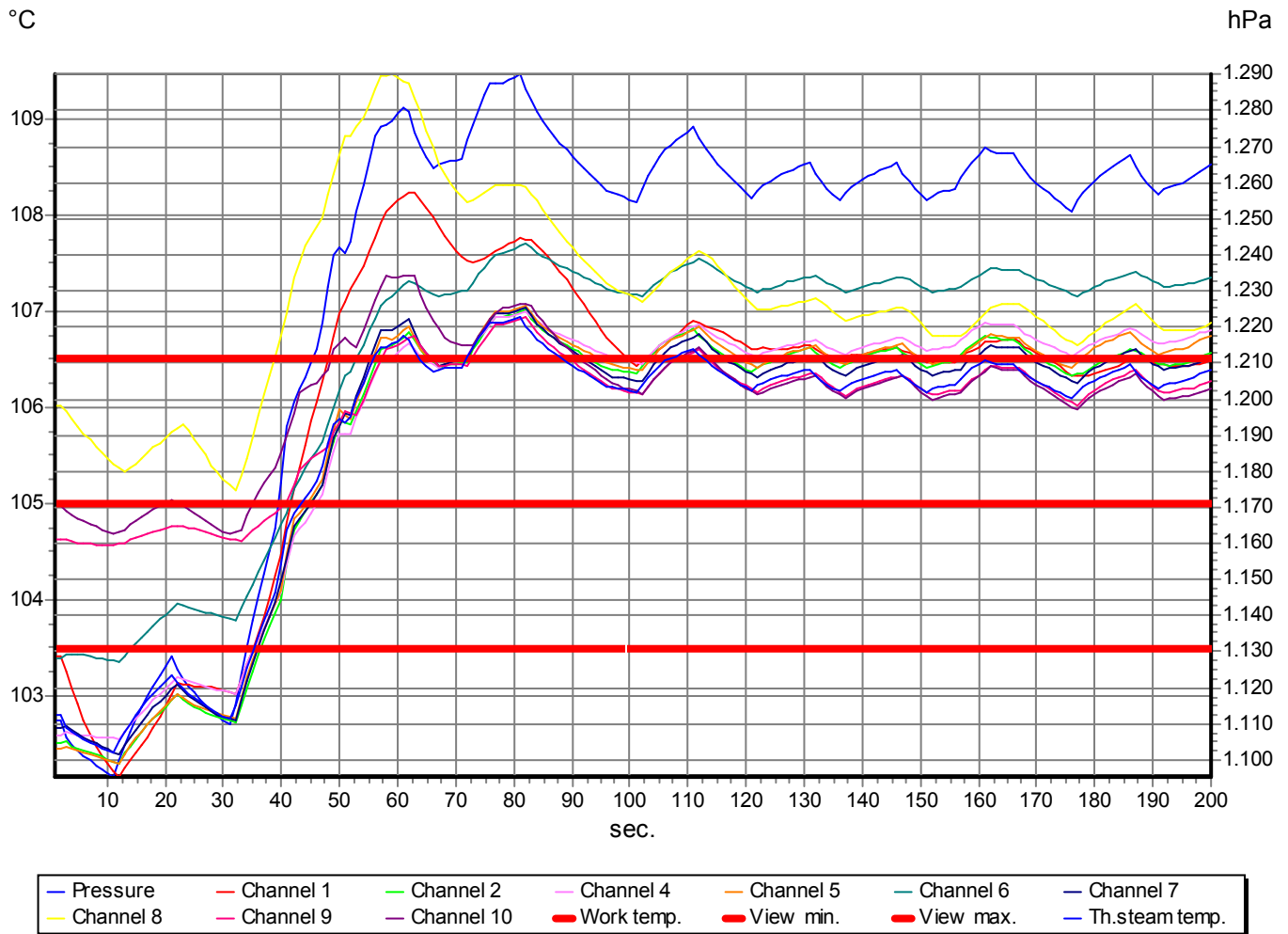
Start time: 15.12.2008 09:19:50

Pressure: 1111.15 hPa

Theor.steam temper.: 102.80 °C

Comment:

Minimum, maximum and mean are calculated by measurement values higher than working temperature 105.00 °C.

Maximum channel: 8   Value: 109.46 °C

Temperature drift: 4.46 Kelvin

Temperature difference of the channels is max. 3.58 Kelvin.

Channel	Channel name	Run time	Minimum	Maximum	Average
Channel P Pressure			1095.23 hPa	1290.16 hPa	1233.84 hPa
Channel ST Theor.steam temper.			102.41 °C	106.94 °C	105.64 °C
Channel 1 channel 1 drain		159 s	105.15 °C	108.23 °C	106.84 °C
Channel 2 channel 2 20 mm belo		156 s	105.01 °C	107.01 °C	106.50 °C
Channel 4 channel 4 20 mm belo		155 s	105.01 °C	107.00 °C	106.61 °C
Channel 5 channel 5 30 mm belo		156 s	105.06 °C	107.06 °C	106.56 °C
Channel 6 channel 6 center of		159 s	105.15 °C	107.70 °C	107.20 °C
Channel 7 channel 7 one sheet		156 s	105.01 °C	107.04 °C	106.47 °C
Channel 8 channel 8 areal 50		199 s	105.14 °C	109.46 °C	107.12 °C
Channel 9 channel 9 free chamb		160 s	105.03 °C	106.94 °C	106.29 °C
Channel 10 channel 10 free cham		169 s	105.00 °C	107.37 °C	106.35 °C

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15.12.2008 09:04:21  Start des Laufes durch A. Hauschildt
15.12.2008 09:50:04  Der Lauf hat 230 KB Daten erzeugt. Der Gesamtdatensatz beträgt 25445 KB.
15.12.2008 09:50:08  Lauf durch Bediener beendet.
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