

STS



Turbidity Measurement

Turbidity Measurement in practice Report of the the König-Brewery

About now more than one year we observed the turbidity measuring instruments provided by seli in three different cases of application. The measurement data are recorded continuously by a BDE-system and can be evaluated even historically with a resolution of 10s.

The measurement locations are:

1. Turbidity in the wort after the lauter tun, STS 01 OLP 20mm
2. Turbidity in the yeast sales management to switching after phase change during start-up and bringing down; STS 2001 OPL 10mm
3. Turbidity measurement after the yeast dosing to control on activation whether yeast is metered, STS 01 OLP 10mm

In summary, it can be noted that, in all three cases of application, the measurement tasks have been solved very well and maintenance work of the systems have not been needed throughout the whole test phase. The measurement at the lauter tun shows, in comparison with the EBC-turbidity measurement installed and recorded parallel, a very good parallelism and can also be used as process control quantity. This is illustrated in a data sample of the running production in the plant. The measurements in the yeast applications provide unique switching signals with which a proper phase separation is possible.



supported by



These findings are verified by the attached data records (pdf and csv-files).

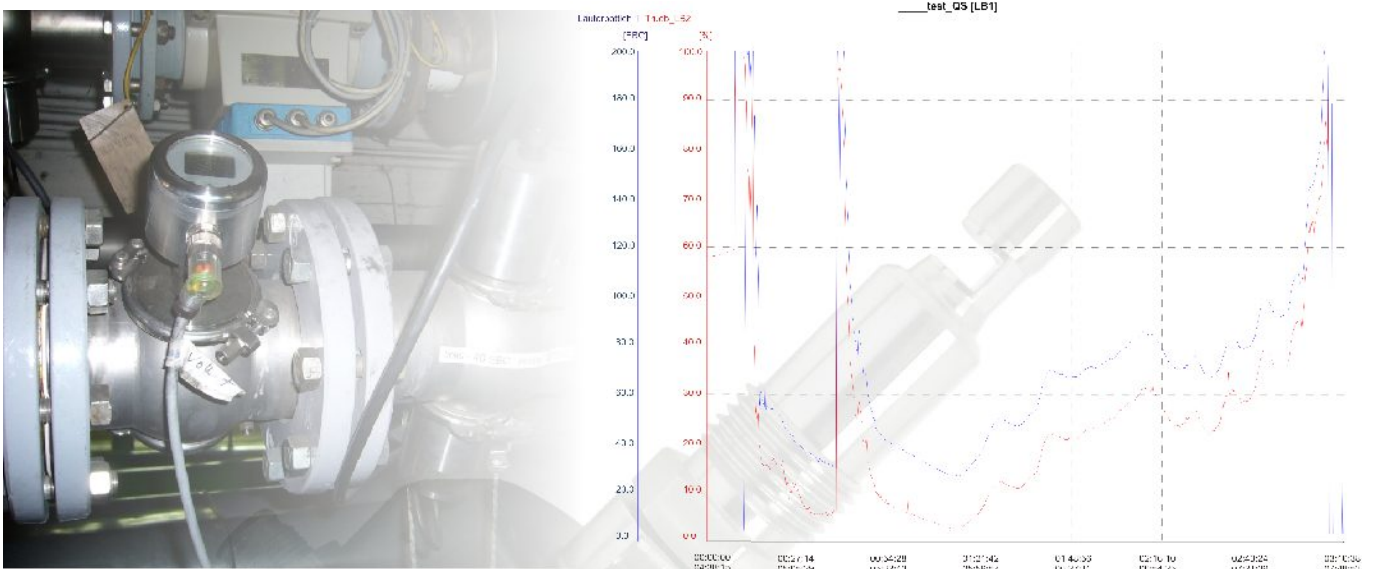
Composed by Dr. Robert Englisch from König Brewery Ltd.

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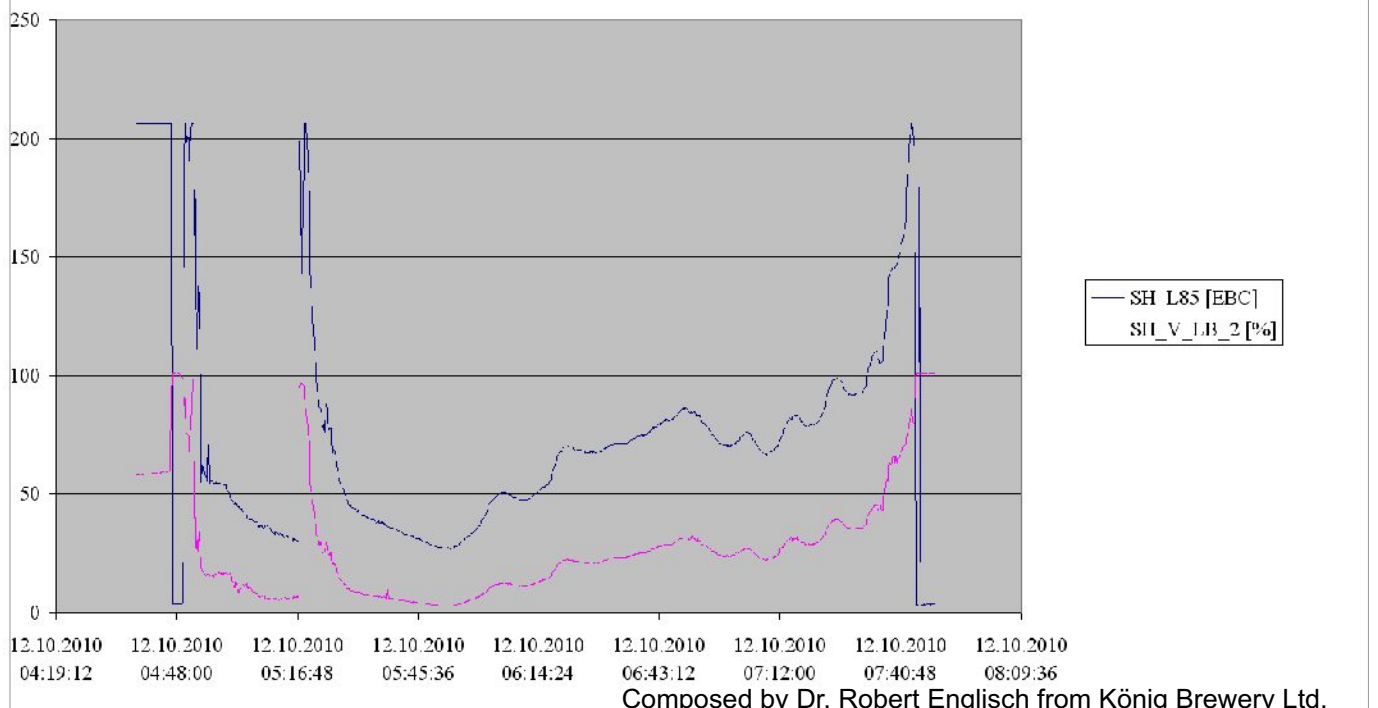


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Seli Trübungsmessung STS 01 OPL 20mm



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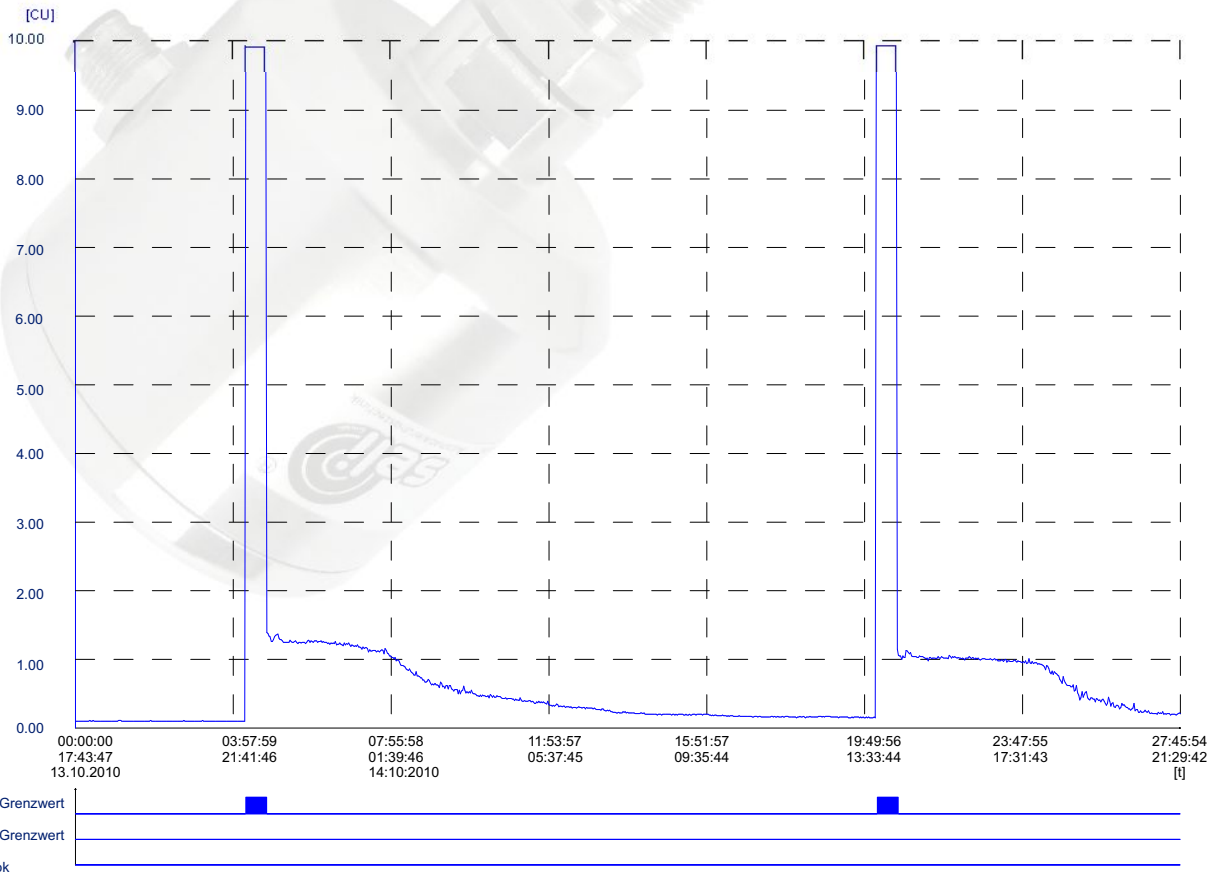


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Hefe Tank wagenverlad



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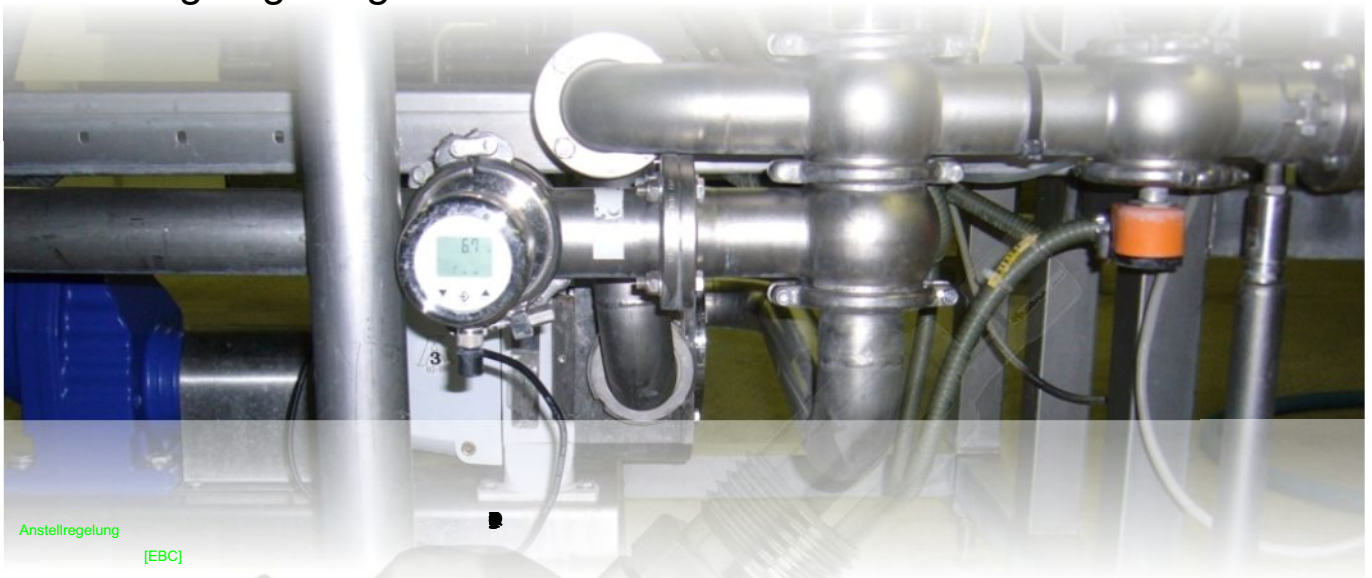
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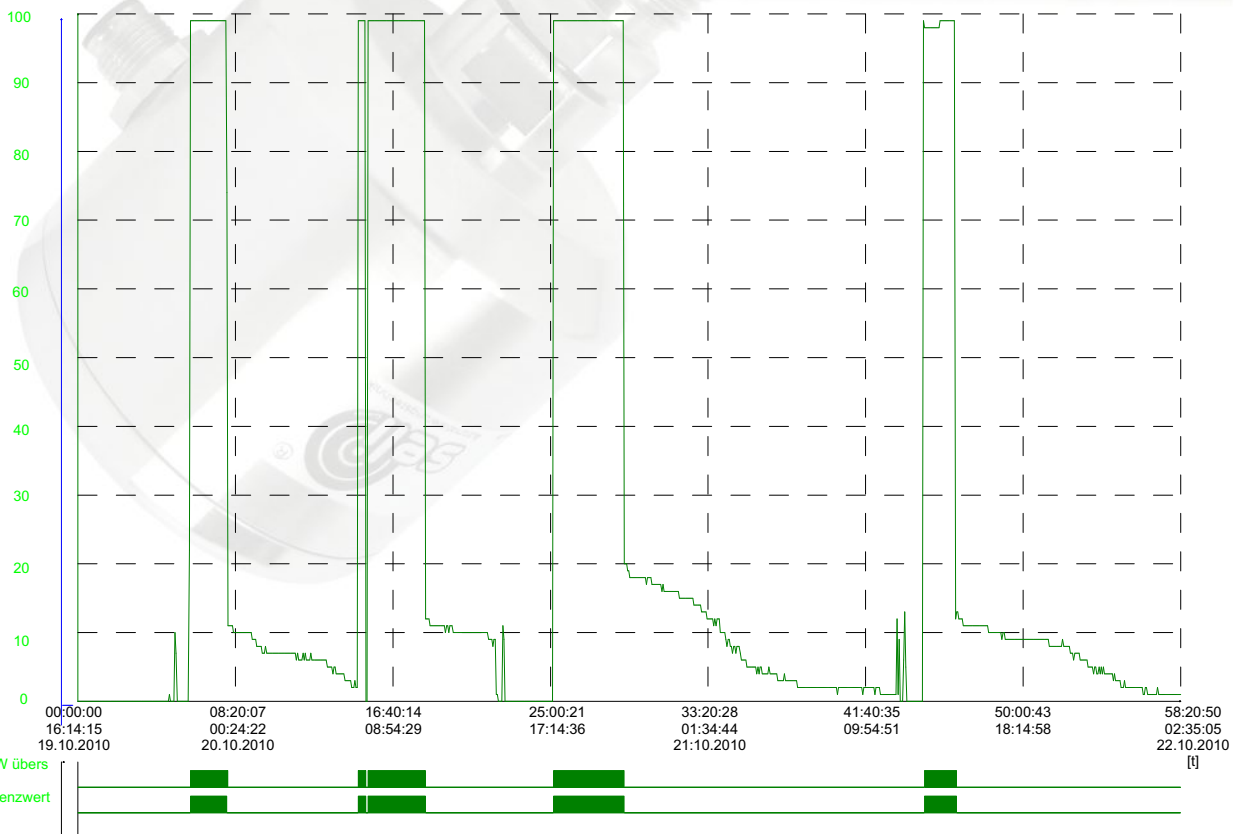
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Anstellungsregelung



Anstellregelung

[EBC]



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