



Ecolab GmbH & Co. OHG
P.O. Box 13 04 06
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Herewith Certifies for the Client

Banner Engineering Corp.
9714 Tenth Avenue North
Minneapolis, Minnesota 55441

That a

Material Resistance Test

was carried out with the cleaning agents/disinfectants **P3-topax 52**, **P3-topax 91**, und **P3-topactive 200** and **P3 topactive DES**, as well as demineralized water as zero value.

The compatibility and suitability of the material of the tested and inspected **EZ-Beam-Serie S18, S30, T18, T30, Q25 and Q40** with the P3 products used in the test and under the test conditions mentioned overleaf has been positively assessed.

Düsseldorf, 29 August 2006

Ecolab GmbH & Co. OHG

i.V.

Thomas Tyborski

i. V.

Reimund Laaff



This certificate is based on

- a documented test procedure to verify material resistance
- defined product specifications
- a standardised cleaning method

**Test procedure:
Ecolab R&D-P3-E No. 37**

Withstand and immersion test:
Complete immersion in the test medium

Test duration:

28 days

Temperature:
Room temperature (20 ° C)

Evaluation:

- Gravimetric analysis in regard to 1/10000g; calculated in corrosion per time and m², or mass differential in %
- Visual assessment such as swelling, embrittlement, a change of colour
- Comparison with the zero value (de-mineralised water)
- Photographic documentation in test report

Product specifications*:

- P3-topax 52**
Acrid foam cleanser
- P3-topax 91****
Slightly alkaline spray disinfectant
- P3-topactive 200**
Alkaline cleanser TFC-procedure (Thin Film Cleaning)
- P3-topactive DES**
Peracetic acid disinfectant

* The complete indications can be taken from Ecolab product data sheets
 ** The safe use of disinfectants is indispensable. Prior to use please read all product marking and information.

Cleaning method for the food processing industries*



Pre-cleaning with water with a temperature of 40 – 50°C
 Low-pressure cleaning from top to bottom in direction of the gully.



Foam-cleaning from top to bottom
 alkaline: P3-topactive 200 2 – 4 % daily
 acrid: P3-topax 52 2 % upon demand
 Temperature: cold up to 40°C

Contact time
 A contact time of approx. 15 min. is recommended.



Final cleaning process with drinking water with a temperature of 40 – 50°C
 Low-pressure cleaning from top to bottom