

ENEFLOW Power Cells Increase Production & Save \$\$\$

 **KYNOCH KUNSMIS** (ED'S) BPK
In Lid van die Kynoch Group
SENTRALE STREEK

MEMORANDUM

AAN : J. WILEMSE
TO : (PRODUKSIEBESTUURDER)

VAN : P. PIENAAR
FROM : (AANLEGBESTUURDER)

CLEANING OF CARBON HEAT EXCHANGER

I would like to bring the following information regarding the cleaning of carbon heat exchangers to your attention.

A certain Mr. Vincent Kruger visited me +/- 3 months ago regarding new technology for the prevention of scale build up. The person introduced me to a system/set of ENEFLOW Magnets on the acid circulation system of the condensers.

I personally was very skeptical because I have 6 years handling experience with Anikem and have had experience with similar systems. The person was prepared to install the system on a test basis and compare the results.

We used to take the heat exchanger off-line every week and clean it with high pressure water using a special nozzle. After a week, the t and the p showed that the heat exchanger was still in very good condition. The heat was then not opened but kept on-line. After the second week, the observation was the same and the heat exchanger was again not opened but kept on-line.

So were the third and fourth weeks. After four weeks the heat exchanger was opened for inspection, not because of a lack of performance but out of curiosity. The inspection revealed that the heat exchanger was still clean and looked very good. We rinsed it with a water pipe and closed it.

The heat exchanger was again placed on-line for a further four weeks and then opened during a visit from Mr. Kruger and Mr. Wilson from ENECON. Once again there was surprise at the condition of the heat exchanger. This inspection was done in the presence of the providers of the system and I who was so negative had to admit that something had happened here.

I am not here to promote products, only to exchange and share experience and knowledge. I have saved 7 production days in two months, which in financial terms is a meaningful amount. The possibility of pipe damage occurring during the cleaning action is drastically reduced. The pipes don't block when the heat exchanger is in operation because scale is no longer forming. You are welcome to visit us and inspect this strange phenomenon.

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