→ Drying technology

/NEWTON'S K Trap technology improves C4 trearter run length in a European alkylation refinery unit

Case study

/Background

A European refinery phased uninspected C4 alkylation treater upset.

The consequences were C4's HF product pollution, short and uncontrolled treater run length and KOH flakes neutraliser overconsumption.

Newton's contacted the customer to propose a technical solution and compare with the current solution (KOH flakes shape).

/Solution,

The first step was to run the K Trap MODEL® with the data treater sheet provided by the customer (Diameter, High of the bed, flow rate, water in, temperature, pressure)

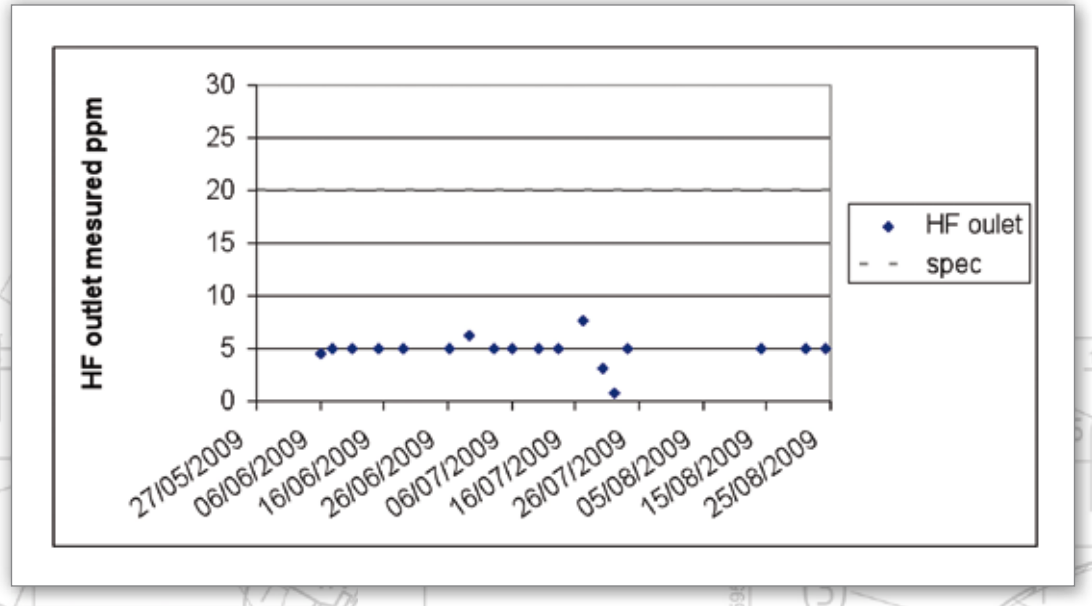
K Trap Model output was presented to the refinery and it was proposed for a test.

/Results,

The HF specification in the final C4 to storage is under control even with huge variations of HF into the C4 treater feed.

The treater run length has been multiplied by three .

The consumption is controlled.



Z.A le camp, 850 chemin du Mitan
84300 Cavaillon, France
Tél: +33 (0)4 90 71 60 22 / Fax: +33 (0)4 90 06 19 40
www.newton-s.com

NEWTON'S
Une société du groupe Quadrimex