



Questionnaire for EXSIM Simulation



All Information Provided herein Will Be Kept Confidential

This questionnaire will enable EURECAT to simulate the reactor outlet temperature versus time during the activation of an ex situ presulfided catalyst according to the SULFICAT[®] process.

Process data:

- pressure during start-up (S/U).....
- liquid feed rate during S/U (0 if gas phase activation).....
- treat gas feed rate during S/U (normal conditions).....
- make-up composition.....

Reactor data:

- diameter (inlet).....
- catalyst bed(s) height(s).....
- catalyst(s) mass/bed.....
- catalyst(s) volume/bed.....
- catalyst(s) type.....

Start-up data:

- temperatures of the catalyst bed(s) (T_{in} , T_{out}) when feed is injected.....
- reactor inlet temperature heating rate (min, max, norm).....
- SOR temperature.....

Is there any quench valve available between two beds ?

If so:

- feed rate (maxi).....
- composition.....
- temperature of the quenching gas.....

* if liquid/gas activation



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