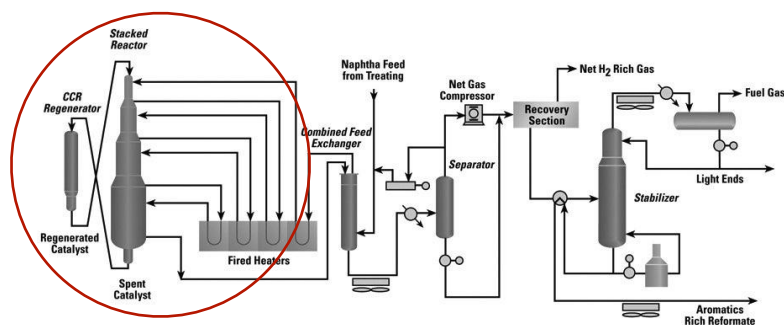


## DATASHEET

### Overview

Catalytic Reforming can have a significant impact on the refinery economics. How do you make sure that you operate the existing CR assets at their maximum productivity given the changing demands and conditions? Optimisation with REF-TEC helps to identify the most profitable operation scenarios given product pricing and existing technological constraints. It is based on a proven and tested methodology and a winning business model to avoid hard- & software investments and minimise running costs.

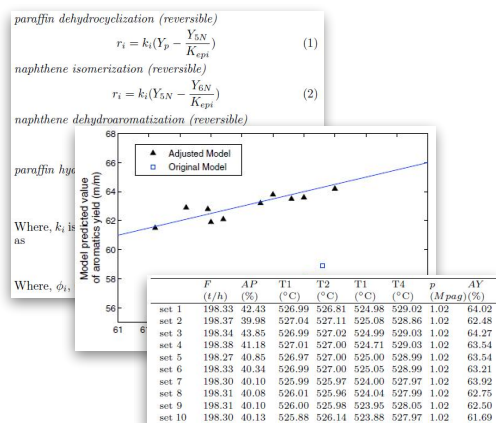


### Features

1. Determines optimal operating parameters taking into account unique CR unit specifications, catalyst quality, feedstock characteristics, product octane requirements and hydrogen demand.
2. Provides low-level breakdown of targeted output components (stable and unstable reformate, dry gases).
3. A powerful kinetic model reflecting key reforming reactions and their impact on product yields, quality and catalyst life.
4. Simulates modern CCR reformers as well as traditional Semi- and Cyclic- Regenerative units and hybrid solutions.
5. Improves accuracy of modelled reformate production.
6. Generates reliable predictions of product yields and properties for new feedstock.

### Advantages

- ✓ Highest degree of CR unit performance optimisation
- ✓ No upfront investments due to results-based fee model
- ✓ Applicable to multiple types of CR units
- ✓ Continuous and stable production process throughout the optimisation project
- ✓ Flexible service offer



### Contacts

Swiss RR Engineering Group AG

[www.swissrrengineeringgroup.com](http://www.swissrrengineeringgroup.com)

**IMPROVE OCTANE NUMBER \_ INCREASE OUTPUT \_ EXTEND CATALYST LIFE**

REF-TEC is available as a high value-adding service with fees directly linked to the created economic benefit for the duration of the agreement to reduce your investments and running costs.