

indDSK[®]

Production of Ultra-clean Kerosene

In the scenario of BS-VI/Euro-VI fuel specifications, there is a requirement of ultra clean Pipeline Compatible Kerosene (PCK) as an interface plug for a multi-product pipeline having ≤ 10 ppmw sulphur. PCK is also suitable as blending material in BS-VI/Euro-VI diesel pool of refineries. To enable refiners to meet this specific requirement, IndianOil R&D has developed indDSK[®] technology to produce ultra-clean Pipeline Compatible Kerosene (PCK).

Salient Technology Features

- ◆ Low severity hydrodesulphurisation process – optimised for kerosene range
- ◆ Negligible hydrogen consumption and product yield above 99.5%
- ◆ Product meets all critical properties such as Acidity, Colour, Flash Point, etc.
- ◆ Customised Catalysts and efficient reactor internals developed by IndianOil R&D
- ◆ Capability to produce ATF with addition of minor hardware at downstream of the Reactor.

Major Benefits

- ◆ Can handle feedstock up to ~ 4000 ppmw sulphur
- ◆ Flexibility to use reformer off-gas instead of pure hydrogen
- ◆ Significant Colour improvement meeting saybolt specification
- ◆ Blending of PCK can also be done in BS-VI/Euro-VI diesel pool

Commercial Experience

- ◆ 300 KTA grassroots unit-to be commissioned in one of the Indian refineries by 2021-22



For more information, please contact:



IndianOil

Mr. Avinash Jain

IndianOil R&D

Tel: +91-129-2294396

E-mail: inforndioocl@indianoil.in