



ODFJELL TERMINALS ROTTERDAM PETROCHEMICAL INDUSTRIAL DISTILLATION

Odfjell Terminals (Rotterdam) BV also provides independent toll distillation services to the petrochemical industry at its Rotterdam site. These services are offered by Odfjell PID, short for Odfjell Petrochemical Industrial Distillation.

Toll distillation can provide a solution to the petrochemical industry when dealing with seasonal or peak demands. It can also be a cost effective way to quickly introduce a new product into the market without investing in additional production capacity. Furthermore it can provide a solution for one-off products or products which are outside of specifications. Odfjell PID serves both the mineral oil and the chemical industry. The customer portfolio includes oil majors, refineries, petrochemical producers as well as traders.

Odfjell PID currently operates four different multi-purpose distillation units. A new fourth distillation unit, enabling deep vacuum distillation and larger throughputs, started operation in January 2009. The total annual throughput capacity is well above 700 000 tons, thanks to the capacity extension of the new unit. Typical parcel sizes processed are between 500 and 20 000 tons.

Odfjell PID operates its own laboratory, which provides quality assurance and can also perform test distillations to determine how to process the products in the best way.



ODFJELL

ODFJELL TERMINALS ROTTERDAM PETROCHEMICAL INDUSTRIAL DISTILLATION

- independent toll distiller
- 4 distillation columns
- distilling mineral oil products and chemicals
- batch sizes: 500 tons and up
- on-site R&D laboratory
- waste water treatment plant
- fully integrated with Odfjell Terminals (Rotterdam) BV

Examples of product distillations from hydro-carbon mixtures

- Splitting of gascondensate into naphtha and low sulphur gasoil
- Pygas degumming: high gum pygas into gasoline component and low viscosity fuel oil component
- Pygas debenzinising and degumming; splitting high benzene pygas into a benzene concentrate, gasoline component and a low viscosity fuel oil component
- Splitting off spec low flash petroleum products into gasoline component and gasoil component
- Producing clean gasoil from dark gasoil
- Splitting pipeline interfaces into gasoline component and gasoil component

Product examples (not limited to)

- alcohols
- aromatics (benzene, toluene, xylene)
- hydrocarbon solvents
- naphtha
- gasoline components
- gasoil and fuel oil components
- petroleum distillates
- gascondensate
- pygas

With more than 40 years of experience in toll distilling, Odfjell PID offers a unique proposition to the industry: a full service independent toll distillation concept for a fixed throughput fee. The services include R&D facilities, receipt and storage of the feedstock and distillates, quality assurance, analysis and additional treatments such as caustic washing, the addition of additives and decolorisation.

Odfjell PID also operates a modern on-site waste water treatment plant. This physical-chemical and biological treatment plant handles the waste water from the entire Odfjell Rotterdam terminal. Additionally it also processes waste water streams from third parties. The facility can treat more than one million tons of waste water annually.



Contact PID:

Tel: +31 10 2953 445
E-mail:
rtmpidsales@odfjell.com

Mr. Uwe Jurgensen
General Manager PID
Tel: +31 10 2953 445
E-mail:
uwe.jurgensen@odfjell.com

Mr. Robert Buis
Head of Customer Services
Tel: +31 10 2953 450
E-mail:
robert.buis@odfjell.com



ODFJELL