

TURNAROUND AND SHUTDOWN

LOGISTIC MANAGEMENT

As a specialised service provider, Den Hartogh Logistics supports customers during Turnarounds and Shutdowns.

Den Hartogh's on-site team, coordinated by a project supervisor, uses bulk logistics equipment to empty and fill customer's facilities and to load and store additional turnaround stock.

Our equipment can be operated from the ground and the trailers are specially designed for easy and safe access.



Planning

- Logistics consultancy related to scope
- Flexible adaptation to changes in scope during project phase
- Site-specific training



Turnaround stock management

- Load extra product for stock during shut down
- Storage in depot, central or local

Remove production chemicals from reactor

- 1st flush with water or solvents
- 2nd flush with water
- Transfer of product from site to nearby depot for further handling



Prepare start up

- Delivery of production chemicals, own or from suppliers
- Storage of chemical products near plant



DEN HARTOGH
LOGISTICS

Chemistry through Smart Logistics



Benefits:

- Safe execution
- On time execution
- Within budget
- Critical time path activities – adaptation to change

Enhance Safety

- Operated from the ground
- Low trailers
- Flexible spill containment unit
- Emergency shower

Maximize Effectiveness

- Trained, experienced drivers
- On 1-, 2- or 3-shift basis
- On-site Supervision and Planning

Increase Flexibility

- Scalable
- Standard units
- Daily Planning
- Daily Review

Optimize Control

- Field Safety co-ordinator
- Project Management
- SHEQ Plan and Review