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BASF Verbund Site Ludwigshafen (Germany)

Friesenheim Island

Composite Ludwigshafen – Friesenheim Island

The Friesenheim Island section of BASF's Verbund site in Ludwigshafen is home to 50 tanks that supply the production facilities with feedstocks. The butadiene plant produces up to 105,000 metric tons of butadiene per year. It is one of the central Verbund plants that are directly linked to both steam crackers.

With 10 square kilometers of works area in the heart of Europe, the Ludwigshafen composite is the largest integrated area of the chemical industry in the world. A dense network of over 160 production facilities provides good conditions for the production of complex and highly refined products.

(01) Tank farm for butane – Inspection tour

07/04/2012; 06:20; A1/A2: Atmo; FullHD



There are five spherical tanks in the Friesenheim Island section of BASF's Verbund site in Ludwigshafen which supply the production facilities with feedstocks. The tanks have a combined total capacity of around 7.5 million liters of liquefied gas. They are used to store butane gas.

BASF employees Andre Lannert and Goce Petroski have set points along their inspection route where they carry out checks.

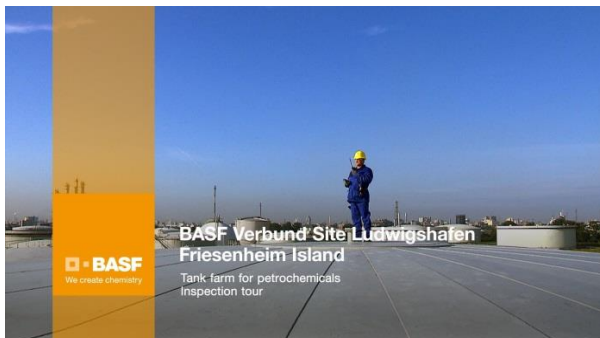


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(02) Tank farm for petrochemicals – Inspection tour

07/04/2012; 03:20; A1/A2: Atmo; FullHD



The Friesenheim Island section of BASF's Verbund site in Ludwigshafen is home to 50 tanks that supply the production facilities with feedstocks. The tanks have a combined total capacity of around 350 million liters of petrochemicals such as butane, benzene and naphtha.

A chemical technician inspects the positive and negative pressure valves on the roof of a tank.

(03) Butadiene plant – Maintenance

07/04/2012; 03:34; A1/A2: Atmo; FullHD



The butadiene plant in the Friesenheim Island section of BASF's Verbund site in Ludwigshafen produces up to 105,000 metric tons of butadiene per year. It is one of the central Verbund plants that are directly linked to both steam crackers.



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Butadiene is a raw material that can be used to produce synthetic rubber, among other applications. The tire industry is one of the main consumers of butadiene. Other applications for butadiene include paper chemicals and plastics production.

Dehset Karinca and Elisabeth Galaktionow conduct a security inspection in the butadiene plant. They follow a route with specified points where they carry out checks.

(04) Butadiene plant – Safety tour

07/04/2012; 06:49; A1/A2: Atmo; FullHD



The butadiene plant in the Friesenheim Island section of BASF's Verbund site in Ludwigshafen produces up to 105,000 metric tons of butadiene per year. It is one of the central Verbund plants that are directly linked to both steam crackers.

Butadiene is a raw material that can be used to produce synthetic rubber, among other applications. The tire industry is one of the main consumers of butadiene. Other applications for butadiene include paper chemicals and plastics production.

Dehset Karinca and Elisabeth Galaktionow conduct a security inspection in the butadiene plant. They follow a route with specified points where they carry out checks.



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(05) Pipe system – Inspection tour

07/04/2012; 04:25; A1/A2: Atmo; FullHD



Chemical technicians are carrying out an inspection of the pipeline network in the Friesenheim Island section of BASF's Verbund site in Ludwigshafen. This pipeline bridge links the Friesenheim Island section with the main site in Ludwigshafen.

The pipeline systems running under the Rhine enable the exchange of liquid products and under pressure liquefied gases and also supply the plant in Mannheim with steam from BASF'S central steam network.

