100 MTPD DSSE Glucose Syrup Plant

Sahasin Wattana, Chanthaburi, Thailand

The Plant is based on Tapioca Roots

Satellite photo on the site.
The new glucose plant is situated in the lower right corner of the picture.

Battery Limit - Feed & Utility
Cooling water in/out - Steam/Condensate return - Starch Milk - Process Water

Silo for dry starch - Only for use when no fresh Starch Milk is available

Liquefaction. Feed Pump - Steam jet - High Temperature Reactor

Vacuum Drum Filter for ”mud” removal. Pre-coated with Perlit®

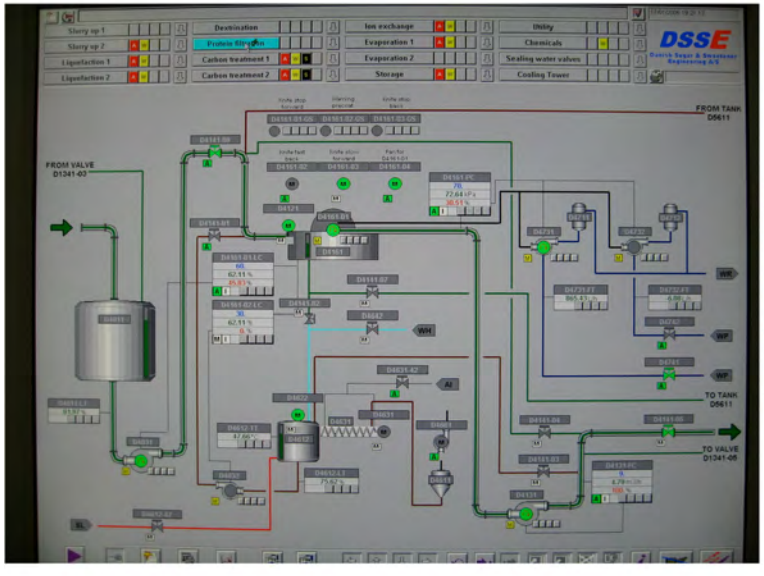
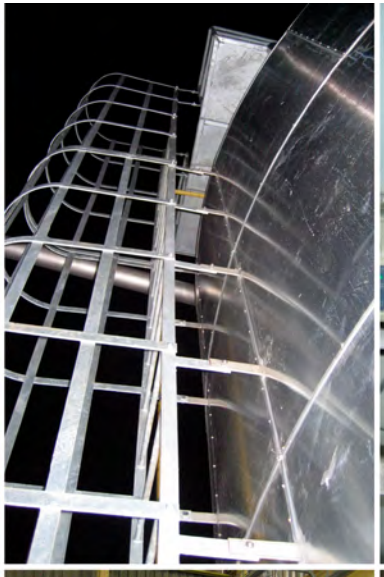
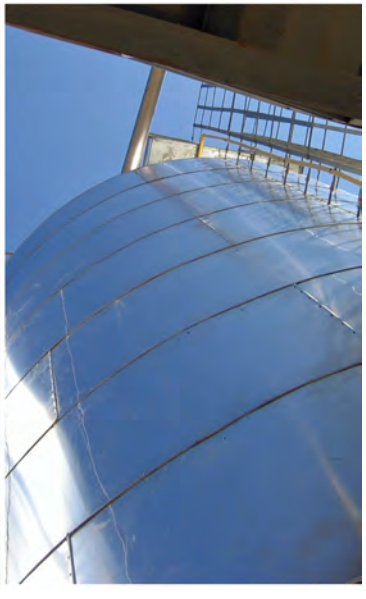
Intermediate tank (C5121) prior to the Activated Carbon (AC) Filter - Two AC filters in the back - In the front three Safety Filters

Ion Exchanger Valve Battery and Resin Vessels

D8411...

Two Product Storage Tanks beside two Water Tanks

Room for Enzymes, Citric acid and Sodium Carbonate (NC)


Slurry sp 1
Slurry sp 2
Liquefaction 1
Liquefaction 2
Destination
Protein filtration
Carbon treatment 1
Carbon treatment 2
Ion exchange
Evaporation 1
Evaporation 2
Storage
Utility
Chemicals
Sealing water valves
Cooling Tower
DSSE
FROM TANK D5611
FROM VALVE D1341-03
TO TANK D5611
TO VALVE D1341-06

17/01/2006 19:20:48
DSSE
Danish Sugar & Sweetener
Engineering A/S
FROM TANK
D5611