

WALKWAYS AND AUXILIARY STRUCTURES FOR A NEW UREA PRODUCTION PLANT

CLIENT	A WORLDWIDE LEADER FOR THE PRODUCTION OF NITROGENOUS AND COMPLEX FERTILIZERS BUILDS INDUSTRIAL FACILITIES WITH REDUCED EMISSIONS THAT IMPROVE THE AIR QUALITY AND MAKE OPERATIONS SAFER AND EFFICIENT
LOCATION	CONSTRUCTION OF A NEW PLANT IN THE FERTILIZERS' PRODUCTION FACILITY IN THE NETHERLANDS - CITY OF SLUISKILL
USE	WALKWAYS AND AUXILIARY STRUCTURES IN A NEW FERTILIZERS' PRODUCTION PLANT
PRODUCT	SCH 13/38 VFR, STEPS SCH38/38 VFR AND SCH 38/38CQ VFR, HANDRAIL SYSTEMS WITH VERTICAL FIXING, VERTICAL LADDERS - TYPE 3
SERVICE	CUSTOM-TAILORING OF THE MATERIALS, ENGINEERING SERVICE (DRAFTING AND DETAILED DRAWINGS), MANAGEMENT PROJECT AND LOGISTICS, QUALITY CERTIFICATION (MECHANICAL RESISTANCE AND TRACEABILITY OF RAW MATERIALS)



OBJECTIVE

The customer wanted to build a new urea production plant but it had to reflect the company's philosophy: it's not sufficient for them to be the worldwide leaders with their products, they also want safe, efficient, long-lasting facilities. These results can be obtained only by searching and using the best existing materials for an extremely corrosive environment.

SOLUTIONS

For this project M.M. supplied all the FRP materials as: gratings with mini mesh, chequered covered top gratings, handrail systems and vertical ladders, all in vinylester fire-retardant resin. This composition combines the maximum chemical resistance and the self-extinguishing of the products. M.M. reveals to be the able partner for answers to specific needs as:

- **Customization:** the profiles have been produced in the specific yellow color required by the customer.
- **Engineering:** the issue of optimized cutting sheets, detailed drawings on the base of working floor areas. Cutting, shaping and marking of the pieces according to the client's standards. Design for ladders and customized solutions for the handrail systems.
- **PM reports and planning:** high delivery flexibility according to construction yard needs and complete of marking/stocking documents necessary for such complex building sites.
- **Certified quality:** supply of quality certificates, as mechanical resistance test for handrail systems and traceability of raw materials.