

Project

Data Sheet

Storage and Handling of Crude Zinc Oxide

Installed 1998 - Contract Value £125,000

Client: IMI Refiners Limited



Technical Data		Plant Description
Storage Silo	<ul style="list-style-type: none"> - 140 cubic metre capacity - 4000 dia (welded construction) - Discharge: 2350 dia Bin Activator 	Crude Zinc Oxide powder is collected from nine different locations on the plant and conveyed by a lean phase vacuum system to the storage silo.
Telescopic Bulk Loading Chute	<ul style="list-style-type: none"> - with integral filter 	The Silo is mounted on a support structure, allowing access for filling a bulk tanker.
Conveying	<ul style="list-style-type: none"> - Vacuum collection from 9 points to silo. 	Discharge from the silo is ensured by an ISERCO bin activator, with a pneumatically operated shut-off valve.
Conveying Rate	<ul style="list-style-type: none"> - 2000 kg/hour 	Product is fed to the tanker via a motorised telescopic bulk loading chute, having an integral dust extraction filter eliminating any emission of dust.
		The contact included full mechanical installation, electrical control, wiring and commissioning.

Cleeve 
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