

Project Description – PHASE 1: The Chlorine Depot



1. Chlorine is delivered to the warehouse by road



2. The chlorine cylinders and 1-tonners are offloaded inside the warehouse using an overhead crane or forklifts.

5. Empty cylinders and 1-tonners are returned. They are placed in the warehouse and taken by road tanker back to Chloorkop.



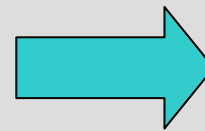
4. Chlorine is loaded using an overhead crane or forklift onto delivery vehicles and taken to customers.

3. The chlorine is stored until required by customers. At least one week's supply must be on hand at any one time. This is a requirement of the contract with the City of Cape Town. One week's supply amounts to 320 x 70kg cylinders and 40 x 1-tonners.

Project Description – PHASE 2: Sodium Hypochlorite



1. Both chlorine and caustic soda are delivered to site



2. Chlorine and dilute caustic soda are combined to produce sodium hypochlorite (commonly known as bleach)



4. The sodium hypochlorite solution is transferred to storage tanks.



4. The sodium hypochlorite is transferred from storage tanks to road tankers and taken to customers.

