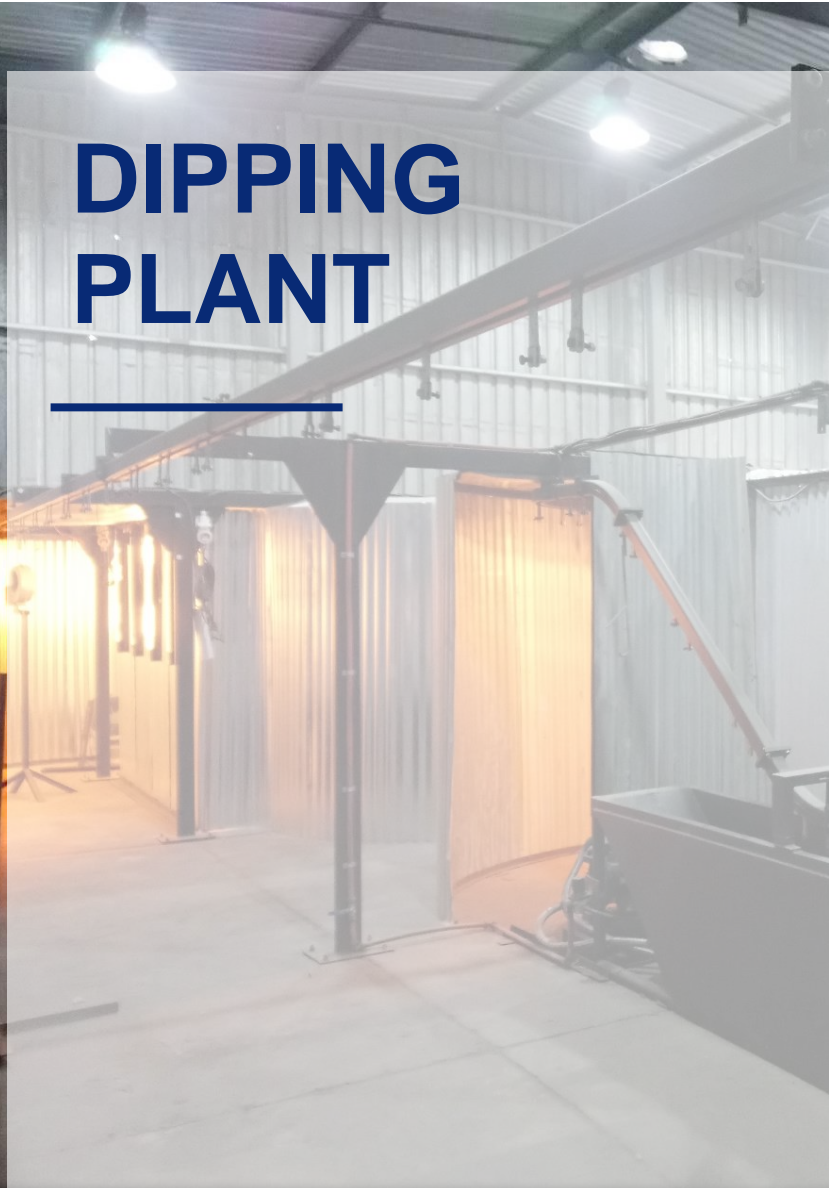


DIPPING PLANT



SPEC CORROSION (PTY) LTD
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DIPPING PLANT

SPEC Corrosion offers various coating options to the domestic as well as the industrial markets. One of our unique coating options is our dipping plant.

The dipping plant consist out of a long track that has numerous hooks fastened to it. The hooks can be adjusted, increased or decreased depending on the requirement for the specific part/component being dipped.

The track has an automation system that can control the speed. This allows us to adapt the plant to any coating requirement as the speed that it travels has a direct impact on the thickness of the coating obtained on the parts/components.



Dipping plant track

Customize

Our dipping plant is fully customizable and can be modified to accommodate any dipping request with any dipping material / product.



Parts customized hooks/brackets

Advantages

Coating by means of dipping has the following advantages:

- Economical
- Corrosion Resistance
- Increased durability / wear resistance
- Electrical insulation
- Various coating media can be utilized
- The number of parts dipped in one cycle can be increased
- Higher production rates
- Coating reaches all crevices
- Variable thicknesses
- Various size

Quality Control

We offer complete quality inspections and documentation for all coatings or processes.



SPEC GROUP		QUALITY CONTROL PLAN: CORROSION PROTECTION		Water Engineering Contractors Surface Preparations, Equipment and Coatings (Pty) Ltd vs SPEC Reg. No. 187109284097		
CONTRACT NAME:		QCP/JOB NO.:				
CONTRACT NO.:		DATE:				
CLIENT:		ORDER NO.:				
CONTRACTOR:		JOB NO.:				
APPLICATOR:		QUANTITY:				
ITEM DESCRIPTION:		ITEM NO.:				
CONTACT PERSON:		COMPILED BY:				
		PAGE:	1 of 3			
SYSTEM:						
APPROVALS				INTERVENTION POINTS	INSPECTION CODES	QCP REV. HISTORY
COMPANY	NAME	SIGNATURE	DATE	A - Approval	1 - Material cert	REV. 0 X
				H - Hold	2 - Testing	REV. 1
				W - Witness	3 - Visual	REV. 2
				S - Surveillance	4 - Report	REV. 3
				V - Verification	5 - Record review	REV. 4
				R - Review		REV. 5
OPERATION DESCRIPTION		INSP CODE	ACCEPTANCE CRITERIA	CONTROL DOCUMENT	INSPECTION INTERVENTIONS	
APPROVAL					1	2
Control Plan		6			3	4
protection programme		1			5	
material		1	Data Sheet			
Pd passivation (if applicable)		1	Data Sheet			
2nd material		1				
3rd material		1				
5						
materials						
controls and verify						

Industries

Dipping coatings can be utilised for various industry requirements:

Automotive

Manufacturing

Pharmaceutical

Agricultural

Marine

Aviation

Engineering

Pharmaceutical

Dipping Solutions

RUST REMOVER

Chesterton 338 Super Rust Remover

Biodegradable, Acid-Based Detergent Cleaner. Removes rust from ferrous metals and corrosion from aluminum; brightens copper, brass, stainless steel, and zinc quickly and safely.



Characteristics

- Highly concentrated, acid-based
- Can be used on all metals
- Removes metal oxide layer
- Brightens non-ferrous metals
- Leaves metal paint-ready
- Inhibited to protect base metals
- Biodegradable
- Water-based
- Non-flammable
- Short-term corrosion protection coating



LUBRICANTS

Chesterton industrial oils include a range of mineral and synthetic-based lubricating products that have been designed for specific industrial applications. These products provide improved equipment reliability and lowest operating cost. Target applications include the lubrication of chains, wire ropes, pneumatics, and plastics.

Characteristics

- Fills in microscopic voids
- Load and Wear Resistant
- Corrosion inhibited
- Temperature stable
- Anti-oxidants prevent hardening or crystallization

DEGREASER

Chesterton industrial cleaners and degreasers provide a broad range of technologies to cover the most demanding application requirements. These products include water-based acid and alkali, solvent based, and specialty electrical cleaners. These products have been engineered to improve the efficiency, performance, and productivity of the cleaning process in both maintenance and production operations.



Characteristics

- Fast-evaporating degreaser
- Safe for use on all metals
- Low aromatic content
- Strong flushing action
- Removes dust, dirt, oil, and other industrial soils



COATINGS

SPEC's dipping plant can be utilized for various coatings type as per customers requirement. These coatings include types such as water-based, solvent based and any specialized coating.

Characteristics

- Faster turn-around times
- Coating reaches all crevices
- Large volumes can be coated
- Minimal handling of parts
- Corrosion protection