



SUPERIOR PRODUCTS INTERNATIONAL II, INC.

CHEVRON PACIFIC INDONESIA, PT



**Completed By
Superior Coatings & Concrete Trading
And
Pt Multicoat Prima Abadi**

Oil and Gas Refinery

Project Problem:

Chevron Pacific Indonesia, PT faced various problems at one of their oil- and gas refinery locations in Indonesia. Because of high temperatures, high humidity, and lack of consistent maintenance, most of the pipelines and storage tanks were affected by severe corrosion problems. The location needed to be in operation for at least 10 more years and rebuilding the site was far too expensive. The site was also located at a remote area where structural maintenance was expensive and not a real option. Besides this, all surfaces were being affected by sunlight, heat, chemical substances, humidity, and dirt.

Coating Solution:

Clean all surfaces, coat with Rust Grip[®], and overcoat with Enamo Grip as top layer. Rust Grip[®] will attach on the surface and stop further corrosion problems. Enamo Grip will give a smooth and durable finish, which prevents moisture, sunlight, and dirt from affecting the surface.

This coating system guarantees a maintenance-free, durable solution which can resist all surface threatening influences.

Results

After application, all treated surfaces were smooth, free of rust and dirt, and appeared as if they were new. The corrosion process was stopped and surfaces were not being affected by sunlight, dirt, and humidity anymore. Production process was back in full operation.



Before Application



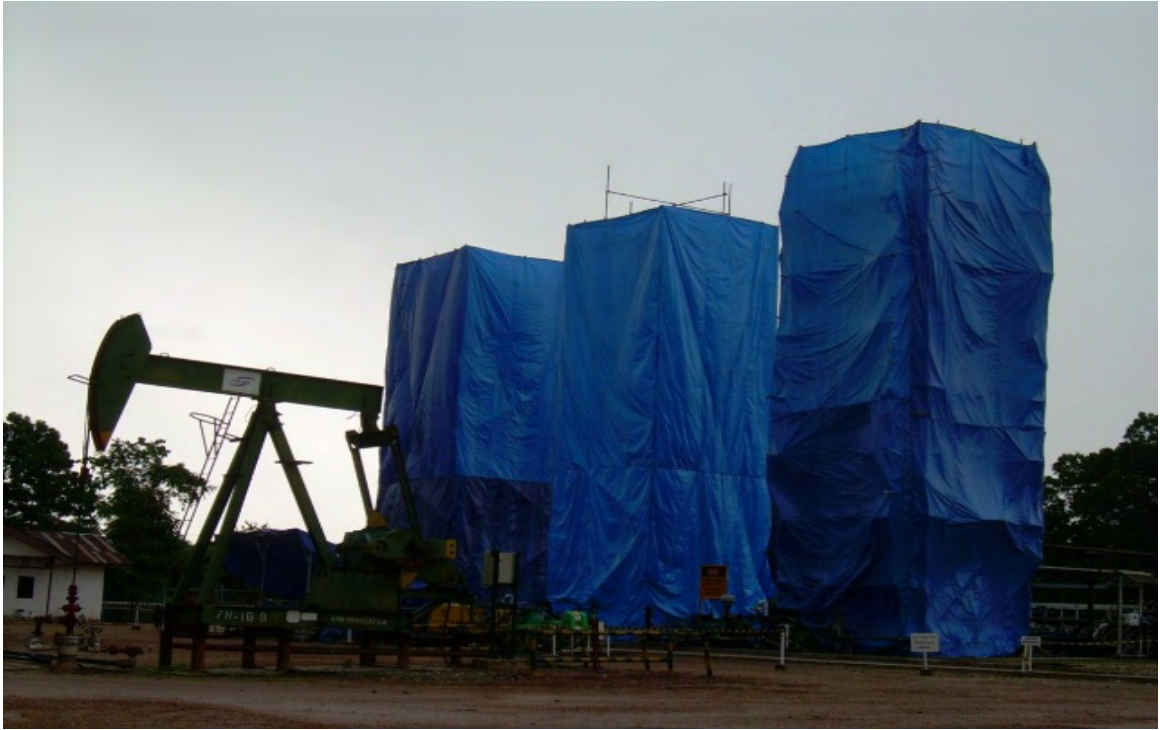
Rust Grip® Application



Enamo Grip (green) Application



Completed Project - Rust Grip® and
Enamo Grip



Oil Storage Tanks Coated with Rust Grip and Enamo Grip (black)



Completed Project - Rust Grip® and Enamo Grip (black)

Gas Pipelines

Project Problem:

Chevron Pacific Indonesia, PT faced various problems at one of their gas pipeline locations in Indonesia. Because of condensation and lack of maintenance, the gas pipeline was affected by severe corrosion problems. They could not stop operation of the pipelines for maintenance, and the repairs had to be completed while the pipelines were in operation and were wet on the surface. The site was also located at a remote area where structural maintenance was expensive and not a real option. The total length of the pipeline was approximately 700 kilometers.

Coating Solution:

Clean all surfaces, coat with Moist Metal Grip and overcoat with Enamo Grip in safety yellow color as top layer. Moist Metal Grip will displace the moisture, attach on the surface, and stop further corrosion problems. Enamo Grip will give a smooth and durable finish in safety yellow color, which prevents moisture, sunlight, and dirt from affecting the surface.

This coating system guarantees a maintenance-free, durable solution which can resist all surface threatening influences.

Results

After application, all treated surfaces were smooth, free of rust and dirt and appeared as if they were new. The corrosion process was stopped and surfaces are not being affected by sunlight, dirt and humidity anymore. Pipeline remained in full operation during coating process and was never affected.



Before Application



Cleaning of Surfaces



Application of Moist Metal Grip



Application of Moist Metal Grip



Application of Enamo Grip (safety yellow)



Completed Pipeline Project - Moist Metal Grip and Enamo Grip (safety yellow)