

Lihir Gold Mine, PNG

Project: Lining of rake arms and support arm

Category: Abrasion
Chemical Resistance

Area Covered: 1,200m²

Completion Date: November 2001

System: Modified Polyurea MP95

Job Description

Lihir Gold Mine is located on Lihir Island in the Pacific Ocean, 900kms North of Papua New Guinea's capital, Port Moresby. Rhino Linings completed the supply and fit of Rhino Linings Polyurea MP95 to various structures.

The CCD tank requiring the coating of the rake arms and support arm of the deflector cone, along with the inside of the feed well is shown in the photographs. The CCD tank operates at approximately 70°C, with a low pH, and is only available for repairs on a complete plant shutdown. The rake arms are coated to 3mm dry film thickness (DFT), with a 10mm DFT on the bottom of the rakes. The deflector cone is coated with 3mm and the support arm 10mm DFT.

