

AMPOL'S OIL STOP DIVISION REACHES NEW HEIGHTS

The Oil Stop Division of AMPOL recently delivered three silt control baffle curtains to a major mining company in Peru, South America. Personnel from Oil Stop visited the site to supervise the installation. The curtains were installed in a solids retention pond at the mine located at over 14,000 feet (4,200 meters) above sea level in the Andes Mountains.



The purpose of the project was to increase retention time of the water flowing through the pond in order to allow the suspended solids to settle to the bottom. Then the solids are removed with annual dredging. The goal is to improve the pond's efficiency from 80% solids retention to over 90%.



The three curtains, made with special reinforced materials, measured:

- 1) 20.5 Feet (6.25 meters) long x 16.5 feet (5.0 meters) deep,
- 2) 82 Feet (25 meters) long x 31 Feet (9.4 meters) deep, and
- 3) 115 Feet (35 meters) long x 41 Feet (12.5 meters) deep.

The pond was partially drained to facilitate installation.

< At left is Curtain No. 1 during the installation.

The curtains were designed to be anchored to the bottom of the pond using specially made concrete-filled rubber tire anchors, each weighing 400 pounds (181 Kgs.). The sides of the curtains were patterned to contour to the slopes of the pond. A series of support posts and winches will be used to adjust the curtains with the level variations in the pond.

The project marks the highest elevation we have ever installed our products and also the set the mark for the deepest curtain (41 Feet) we have produced.

For more information contact AMPOL or the Oil Stop Division.