

Mining Tank Weighing Load Cell

Industry: Natural Resources

Summary

Customer Challenge

During mining operations, a mining tank needs to be weighing in order to maintain the quality of the mining processes. The weight needs to be monitored and controlled during mixing, dosing, or the blending of different materials.

Interface Solution

Interface suggests using Interface's WSSCLC-Mount Weighing Assembly Load Cells, paired with 1280 Programmable Weight Indicator and Controller, the customer is able to monitor the amount of content by weight in the mining tank. This system precisely measures the amount of material being added or removed during operations.

Results

The customer was provided a customizable solution to monitor and weigh their mining tanks during mining operations. Results from the 1280 Programmable Weight Indicator and Controller was sent to the customer's control center.

Materials

- WSSCLC-Mount Weighing Assembly Load Cells
- 1280 Programmable Weight Indicator and Controller
- Customer's control center

How It Works

1. WSSCLC-Mount Weighing Assembly Load Cells are installed under the legs of the mining tank. The Weigh-Check Load Cell will measure and monitor the loads as different mined material is loaded in or out of the tank.
2. Weight measurements will be displayed on the 1280 Programmable Weight Indicator and Controller, showing the weight for each leg and corresponding to the total weight of the tank. The 1280 also has the ability to perform batching functions, and send results to the customer's control center.

Mining Tank

