Kistler-Morse®

Sonologic Products

case history

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Market: Chemicals

CUSTOMER

Oxide Chemical Co., Indianapolis, Indiana, manufactures lead oxide, which is used to make battery plates.

PROBLEM

Oxide Chemical used to check its 125-ton storage tanks manually, but was looking for level indicating instrumentation to monitor the tanks. However, lead oxide is typically loaded into tanks at a temperature varying from 200 degrees F to 300 degrees F, so the instrument had to function properly within those temperature parameters.

APPLICATION

Oxide Chemical decided to use Kistler-Morse Sonologic level indicators at its Lancaster, Ohio, and Brazil, Indiana, facilities. "I like them, because they can stand up to the heat," says Roger Northcutt, traveling electrician for Oxide. "We just configured it to the amount of heat going into the tanks." Sonologic Level indicators are specified to operate at temperatures as high as 230 degrees F at 50 psi.

BENEFIT

"We used to have to climb 45 feet in the air, open the hatch and look down, in all kinds of weather," Northcutt says. "Now we've got accuracy within a ton or so (less than 1%) and we get it from a remote signal."

CONCLUSION

"They're pretty reliable, we've only had one problem with them, and that's because we were punching the selection board too hard when we first got it," Northcutt says. "We didn't realize it was just touch-button, and it screwed up the selection board after only two months. We called Kistler-Morse and they sent us a replacement card right away. Now we know enough to push the buttons a lot softer."