



A higher level of performance

Application Reference

Why Acoustic level technology is superior to Radar technology in wet and difficult applications in the mining industry



Application problem:

The client had installed low frequency Radar transmitters to control his ROM bin level applications. The ROM bin had water spray dust suppression installed to reduce dust problems when the truck was tipping. The Radar constantly failed because of buildup over and inside the focalizer cone. The Radar also failed when some build-up of coal appeared on the ROM bin walls.

Radar is a passive technology with no self cleaning that fails when conductive wet build-up appears on the level element, teflon face, or inside the focalizer cone. Low frequency Radar also has a wide beam angle and should be used in large diameter vessels only.

Solution:

We installed a low frequency high power Sultan Acoustic level transmitter that works excellently in a ROM bin environment. The high powered long range (100 m) transmitter has self cleaning capabilities and a narrow beam angle. It can also be used on 2 wire loop powered as well AC power.

Ordering information:

Part no: AWRT10T4XXXC15XX / AWR234SXXXX ROM bin control

Application guaranteed!

Hawk provides a 24 month performance warranty on all ROM (run of mine) bin level applications.

Hawk is a world leader in level, position and flow measurement, providing cutting edge equipment to the global industrial market. We have 30 years of experience and a record of success in a wide range of areas including mining/mineral processing, water supply/waste water, bulk material handling and chemical. Our on-going commitment is to provide industry leading technology and cost effective solutions.



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