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## Application Reference

# Reliable level technology for coal surge bins

### Application problem:

The client had been looking for a reliable level technology, to monitor level, in two 35 metre coal surge bins, that fill and empty simultaneously.

### Comments:

The client tried radar, from the three major suppliers. The problem was that over a long range (35 m), the beam angle of the radar transmitters was too wide. The radar system became unreliable beyond 20 metres. The radar also suffered with build up in the focalizer cone, requiring cleaning on a periodic basis.

### Solution:

The new acoustic wave level transmitter was installed and worked reliably over the full range of the 35 m silo, during filling and emptying operations. The active pulse generated by the acoustic wave transducer produced self cleaning.

### Ordering information:

Part number: AWRT10T4XXXC15XX + FA10A-4 + C10-10-4 / AWR234SUXXXX

### Application guaranteed!

*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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