

# Sin Minn Significantly Improves Measurement Reliability With Rosemount™ 3D Solids Scanner

## RESULTS

- Reduced safety risk
- Improved measurement reliability
- Clear visualization of silo contents



## APPLICATION

Level and volume measurement in cement silos 30 m (99 ft) high by 13 m (43 ft) diameter

## CUSTOMER

Sin Minn Cement Plant, Myanmar

## CHALLENGE

Sin Minn Cement Plant needed to measure the level and volume in their cement silos. The silos are 30 meters high and the conditions inside the silos are extremely dusty. The customer had previously installed both guided wave radars and ultrasonic level transmitters from another supplier, but neither system worked effectively for them and they were finding they needed to climb the silos on a regular basis in order to know what was going on inside. This practice was both time consuming and a safety risk and Sin Minn did not want to compromise the safety of their operators.

## SOLUTION

Sin Minn had heard about Rosemount 5708 3D Solids Scanners and its visualization capability. The Rosemount 5708 was installed on two of the silos. The dusty conditions did not present a problem for the scanner's acoustic measurement capabilities and the scanner tracked the surface accurately during filling and emptying.

The result was that the customer received a clear view of the contents of the silo and significant improvement in measurement reliability. And most important of all, the scanner eliminated the requirement for operators to climb the silos to check the contents.

*Using Rosemount 3D Solids Scanners, there was no need for operators to climb the silos to check the contents*

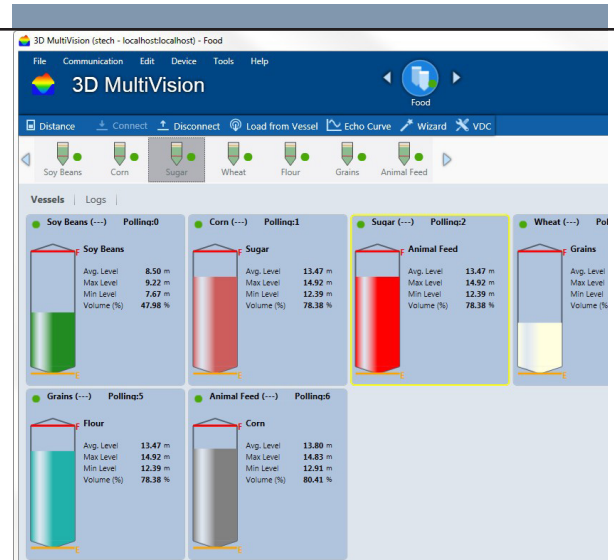


*Rosemount 5708 installed on the cement silo*

RESOURCES






**Rosemount 5708 3D Solids Scanner**  
[EmersonProcess.com/Rosemount/3D-Solids-Scanners](http://EmersonProcess.com/Rosemount/3D-Solids-Scanners)

**Emerson Process Management Industries**  
[EmersonProcess.com/Industries](http://EmersonProcess.com/Industries)






*Rosemount 3D MultiVision Software allows viewing of multiple tanks at the same time.*

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