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A charcoal briquette plant in Oregon was using Monitor's CM-3As on their 12' diameter X 60' high silos. In favor of trying a new technology, the electromechanical weight & cable CM-3As were replaced with an ultrasonic continuous level system. However, due to heavy dusting and thermal swings, the new units were inconsistent and unreliable.

The plant then elected to turn to a proven, reliable technology, and installed a new **SiloPatrol**® system. Three SMUs were installed on the silos containing heavy, coarse and bulky charcoal briquettes.



Heavy or coarse materials and any dust associated with these types of applications have no effect on the performance of the **SiloPatrol** measuring system. The SMU sensor has a robust mechanical and electronic design suitable for these and other harsh applications. Additionally, particle size has no effect and material density has little effect.▼

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News Briefs

FOR CRITICAL CONTINUOUS OPERATION

Monitor Technologies' **SafePoint™** Fail-Safe Rotary Paddle Bin Level Indicator provides the ultimate in performance in point level applications. This state-of-the-art rotary paddle features patent-pending magnetic sensing technology and a unique housing design making it the most reliable and technician-friendly sensor of its kind.

SafePoint utilizes Monitor's magnetic sensing technology to continuously detect both material presence and operational status. The rotation of the unit's shaft is monitored by the detection of a magnetized rotating disk (patent pending). Use of magnetic sensing techniques eliminates problems that can occur with the optical systems of other brands. Material sense and fail-safe outputs are provided on all models.

The unique housing design features a twist on/off cover, so there are no more bolts to drop or lose. A local status indicating light is located on the top of the unit for ordinary location models. The **SafePoint™** unit also has two conduit entrances for wiring access.

In addition, unlike most paddle units, the **SafePoint** incorporates a feature that automatically shuts off the motor when the paddle is impeded. This extends the life of the unit and minimizes maintenance. The **SafePoint** is also available with hazardous location approvals.▼



EVASSER PROMOTES MATERIAL FLOW

Without the noise and damaging vibration caused by pneumatic or electric vibrators, Monitor's Evasser bin aerator promotes the flow of dry bulk powders from a storage vessel. The compact, low-cost Evasser requires virtually no maintenance and has an effective radius of 12 inches.

Several configurations are available. While normally supplied with a black Neoprene boot, a FDA approved white Neoprene boot is also available. For high temperature applications where the boot is not acceptable, a sintered metal insert can be provided.▼