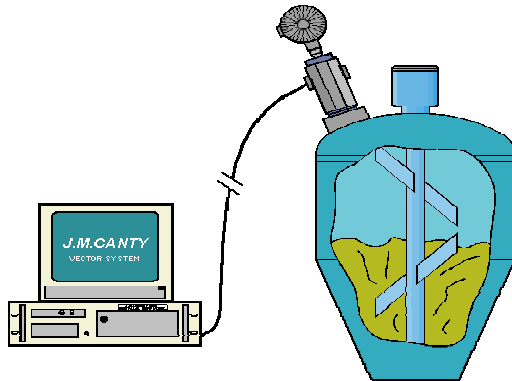


CANTY

PROCESS TECHNOLOGY

SOLIDS LEVEL



CUSTOMER PROBLEMS:

A customer with a solids material storage control problem had experimented unsuccessfully with several types of traditional level control devices inside their hoppers. Probes and floats did not work well in solids. Ultrasound devices did not yield accurate results due to surface scattering and changes in density. Nuclear devices were not an option due to the associated difficulties with regulatory control. Established method of control was to have operators go to hopper and make an inspection through a top hatch or viewport.

CANTY'S SOLUTION:

Installation of a Canty Vision system, through a 2" npt port, provides operators with illuminated video in the control room for continuous monitoring. Subsequent addition of a Canty Vector imaging system adds continuous level control of the solids in the hopper. The Canty software is capable of detecting and accounting for uneven hopper levels to provide an accurate volume output.

EQUIPMENT:

Canty Camera/Light Vision system. Canty Vector analysis module with 4-20 outputs. Optional Multiplexer for additional hopper control.

J.M. CANTY INC.

Buffalo, NY USA
Ph. (716) 625-4227
Fax. (716) 625-4228
98A7579 2-082400

J.M. CANTY LTD.

Dublin, Ireland
Ph. (353) (01) 459-8808
Fax. (353) (01) 462-5133

[e-mail:sales@jmcanty.com](mailto:sales@jmcanty.com)

<http://www.jmcanty.com/>

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