



Level



Pressure



Flow



Temperature



Liquid Analysis



Registration



Systems Components



Services



Solutions

FMP40 in Bulk Lime Bins- Power

Levelflex for lime bin measurement control



Power plant



Levelflex installed in lime bin



Bulk storage tanks

Levelflex measures the level in bulk lime bins and has replaced a competitor's free field radar instrument that failed during filling.

Company profile

Coal fired power plant

Process

A power plant which has two 400 MW generating units which feature SDA (Spray Dryer Absorber) flue gas scrubbers. The SDA technology injects a lime milk slurry into the scrubber section which helps remove sulfur compounds. The process requires the use of significant amounts of lime.

Application Problems

Bulk lime bins 50 ft (15 m) tall x 18 ft. (5.5 m) diameter are emptied and filled regularly. Previous instrumentation using radar technology continued to have measurement problems during the filling process due to lime dust.

Solution

Install Levelflex radar units which are not affected by the lime dust. The Levelflex units have been installed for over six years with great success.

For more information contact:

Endress+Hauser, Inc.
317-535-7138
www.us.endress.com

USA

Endress+Hauser, Inc.
2350 Endress Place
Greenwood, IN 46143
Tel. 317-535-7138
Sales 888-ENDRESS
Service 800-642-8737
Fax 317-535-8498
inquiry@us.endress.com
www.us.endress.com

Canada

Endress+Hauser, Canada
1075 Sutton Drive
Burlington, ON, L7L 5Z8
Tel. 905-681-9292
800-668-3199
Fax 905-681-9444
info@ca.endress.com
www.ca.endress.com

Mexico

Endress+Hauser Mexico, S.A. de C.V.
Fernando Montes de Oca 21 Edificio
A Piso 3
Fracc. Industrial San Nicolas
54030 Tlalnepantla de Baz
Estado de Mexico, Mexico
Tel. +52 55 5321 2080
Fax +52 55 5321 2099
eh.mexico@mx.endress.com
www.mx.endress