

## 34 Year Old Actuator Returned to Critical Service

Kentucky U.S.A.

***“I can’t afford cheap actuators”***

- Gary Galloway  
Electrical Supervisor

### Kiln ID Fan Damper

The Carmeuse lime plant in Maysville, KY has had Beck actuators installed on most of their important control applications for over 30 years. These include primary air, coal mill air, preheater vents, and kiln ID fans. Many of the units installed during original plant construction in the mid-1970’s are still in service. The plant experienced a torque related problem with a 34 year old actuator on a critical ID fan damper actuator. A new motor was installed, without having to remove the actuator from service, returning the damper to operation quickly.

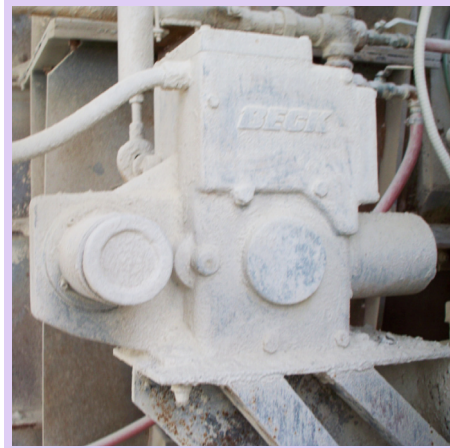
### Invest for the Future

Lime processing plants pose a particularly challenging environment for industrial equipment. Many actuators are located outdoors, and typical kiln applications are exposed to heat and vibration. The initial investment value of an actuator is insignificant compared to the potential costs of repairs, routine maintenance, and premature replacements. Actuator reliability is critical to plant opera-

tions and the maintenance budget. Carmeuse’s electrical supervisor, Gary Galloway, sums it up well,

***“I can’t afford cheap actuators.”***

Installed in over two hundred cement and lime plants in North America alone, Beck actuators have proven reliable over decades of use in difficult process control applications.



**Figure 1**

*34 year old  
Beck actuator  
returned to  
critical service*



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