

YOUR MOTOR CAN TEXT MESSAGE YOUR CELL PHONE

It will
tell you
it needs
maintenance soon



Copper Mine

MOTORS AND DUST

Even TEFC motors can be susceptible to dusty areas. And when dust collects, the motor will get warm which is a sign of trouble. Just a 20 degree increase over ambient temperature is an indication that something is wrong. If maintenance is performed within a reasonable time, serious down time can be avoided.

INTERNAL THERMISTOR

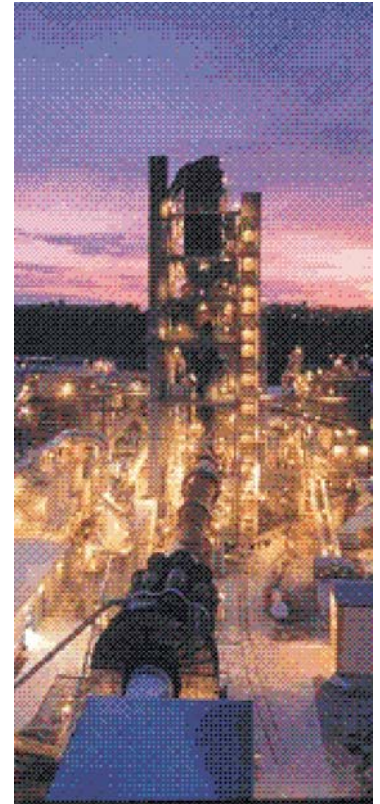
Many larger motors are equipped by the manufacturer with an internal thermistor to indicate temperature and recommend maintenance be scheduled. We suggest that it should be taken a step further. The internal thermistor should be compared to an ambient thermistor, and if the motor is greater than what you feel is safe, the motor will send your cell phone a text message.

INSTALLATION

Your motor manufacturer will be happy to set your motor up with this added protection, or it is really easy to do yourself. The main component in having your motor text message is the Tbox. A power supply and NEMA 4 enclosure is available.

THE TBOX

The Tbox is a wireless alarm monitor that sends text messages to any cell phone(s) when one of its inputs is triggered. It has 4 digital inputs (contact closure) and 2 analog inputs (0-20mA or 0-10 vdc) as well as 4 relay outputs (7 amps at 240 vac). A differential thermistor controller can sense the difference between the internal motor temperature and ambient conditions. Input into one analog channel can allow several messages to be sent as the temperature differences pass levels you choose. Programming the Tbox is easily accomplished through internal WEB Server. The Tbox calls your cell phone directly and is not directed through a service company. The Tbox can be used to alert personnel in a wide variety of industrial applications.



Cement Plant



Sugar Conveyor

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