

Customer:

A Power Plant located in the western U.S.

"The Hi-Vis dials make it much easier to read the gauges when we take critical process readings. I'm really pleased with the REOTEMP Hi-Vis Dial Gauges!"

- Jorge Guzman, Utility Plant Supervisor

Background:

After calibrating a batch of pressure gauges from the plant, REOTEMP's regional sales manager showed the plant supervisor a sample of a Hi-Vis pressure gauge. The plant supervisor was immediately drawn to the bright yellow dial, oversized numbers, and large red pointer. REOTEMP's salesman explained the Hi-Vis dial was easier to see in low light environments and could be read at greater distances than standard gauges.

Problem:

Like most industrial plants, there were a number of recessed areas where light was blocked by equipment, piping, etc. This created low-light areas and shadows that can make it difficult to see and read instrumentation like pressure gauges. In some cases, gauges were mounted high above head and were difficult to read from the floor.

When gauges are hard to locate and read, it makes the operator's job more difficult and increases the likelihood of human error.



Power Generation



WITHOUT the Hi-Vis Dial

- Gauges can be misread.
- Gauges can be misidentified.
- Gauges can be overlooked.

WITH the Hi-Vis Dial



- Gauges are more easily seen in low light environments.
- Gauges are easier to read at a distance.
- Gauges are more noticeable and easier to locate.
- Safety is increased. Hi-Vis = Hi-Safety.

Solution:

After walking around the plant and evaluating the gauge's visibility in a few low-light areas, the plant supervisor was confident the Hi-Vis dials would increase gauge visibility and plant safety. The decision was made to transition every gauge in the facility to the Hi-Vis dials.

Results:

In the following months, over 100 Hi-Vis dial pressure gauges were installed. The operators were now able to easily locate and read all of the pressure gauges. The plant's supervisor had successfully increased the safety in his facility and has continued to use the Hi-Vis as the standard for all new pressure gauge applications. Plans are underway to replace all existing gauges in the Cooling Towers and Chiller Plant.

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