

Chesterton Connect™ System Helps Prevent Bearing Failures at Carbon Plant

Challenge

Background

A carbon plant wanted to change their vibration analysis program from reactive to proactive to help prevent bearing failures on their fans and blowers with shaft sizes of 4" – 6".



Fossil Carbon Plant.

Solution

Product

We presented the **Chesterton Connect™ System** to the maintenance group and showed them how they could get vibration readings remotely as well as getting the history of the bearing temperature and vibration directly on the app.



Chesterton Connect Cloud and App.

Results

Improved Productivity

Since the implementation of the **Chesterton Connect System**, they have seen the following improvements:

- Labor savings due to vibration analysis routes being shorter.
- Less downtime as bearing replacement can now be scheduled proactively instead of done during an emergency shutdown.
- Process upsets can be seen in the trending data on the app, which allows changes to be made before damage to the fans occurs.



Chesterton Connect Sensor.