



FS-Elliott Conducts Sound Survey on 2,400 Horsepower Compressor

Export, PA - March 25, 2009 - FS-Elliott recently conducted a sound survey on a 2,400 horsepower air compressor. The test was required by the customer because the compressor was purchased for an existing plant that is located near a residential area.

In order to conduct the sound survey, FS-Elliott treated the inlet filter and the wall of the test facility with sound absorption material. The FSE team spent many hours working with suppliers to test various wrapping configurations in order to achieve the low sound level. The intricate test regimen identified the noise sources in detail and observed the effects of various sound absorption and barrier materials. A variety of sound instrumentation was used to measure sound pressure, acoustic intensity and sound power.

The FS-Elliott compressor achieved an average sound level of 81 dBA, much less than the customer's required 87 dBA.

