



Careful door construction and assembly allow these 9-foot by 10-foot doors to be opened and closed by one operator. These doors have what I call a Cadillac action, said Al Roberts, Vickers Plant Engineer.

**“McGill AirSilence’s enclosures are meeting all our sound reduction requirements. We are very pleased with the workmanship and the product performance,”**

says Ron Polk, Manager, Manufacturing Engineering, Aerospace Marine Defense, Vickers, Inc., a Libby-Owens-Ford Company, Jackson, MS.

McGill AirSilence solves noise problems for manufacturing plants by designing, fabricating, and assembling customized SOUNDSCREEN™ acoustical enclosures that reduce noise, improve operator safety, and help maintain productivity. McGill AirSilence SOUNDSCREEN enclosures have been used for a large variety of applications including work stations, control rooms, product test cells, and QC inspection rooms.

Recently, McGill AirSilence installed 54 SOUNDSCREEN acoustical enclosures

for product test stations at Vickers, Inc., Jackson, Mississippi. Vickers, Inc. is one of the largest world manufacturers of fluid power pumps.

At the Jackson plant, Vickers maintains an extensive QC and product performance testing department. Noise levels at individual test stations can exceed 110 dB. Also, the pressure levels of the fluids passing through hoses can reach 4,000 psi or higher.

Vickers engineers wanted acoustical enclosures that would reduce noise levels by up to 30 dB while providing operator protection from the potential danger of a ruptured hydraulic hose.

Additionally, Vickers AMD has much customer interface due to the nature of its business. Because of many customer visits, the engineers wanted the enclosures to



Ron Polk, Manager, Vickers, Inc., Jackson, Mississippi

have an aesthetically pleasing appearance as well as meet the performance characteristics specified for the newly constructed production test facility.

We wanted the most modern test facilities available, said Ron Polk, Manager,

Manufacturing Engineering, Aerospace Marine Defense. And, we wanted something that worked.

The enclosures from McGill AirSilence allowed us to meet OSHA requirements and produce employee comfort and protection with an overall better environment, said Polk. **We looked at many different solutions and suppliers McGill AirSilence met every requirement.**

Tests conducted by McGill AirSilence and Vickers engineers showed that the enclosures reduced noise levels outside the enclosures by up to 30 dB.

McGill AirSilence's enclosures are meeting all our requirements, said Polk.

SOUNDSCREEN acoustical enclosures provide the additional advantages of durability and portability. The sheet metal construction is designed to stand up to harsh plant environments and rough use while providing an aesthetically pleasing appearance. The panels can be disassembled and moved from one area to another or additional panels can be easily added to the enclosure when needed.

The enclosures provide flexibility, said Polk. We can take them down or add on to them to meet future plant requirements.

SOUNDSCREEN enclosures can be easily installed by your own workers, or by McGill AirSilence's experienced installation teams. At Vickers, installation requirements included working around ceiling conduits, supply and exhaust ventilation systems, cable trays, sprinkler systems, Halon systems, lighting, chiller water lines, and combustible gas detectors.

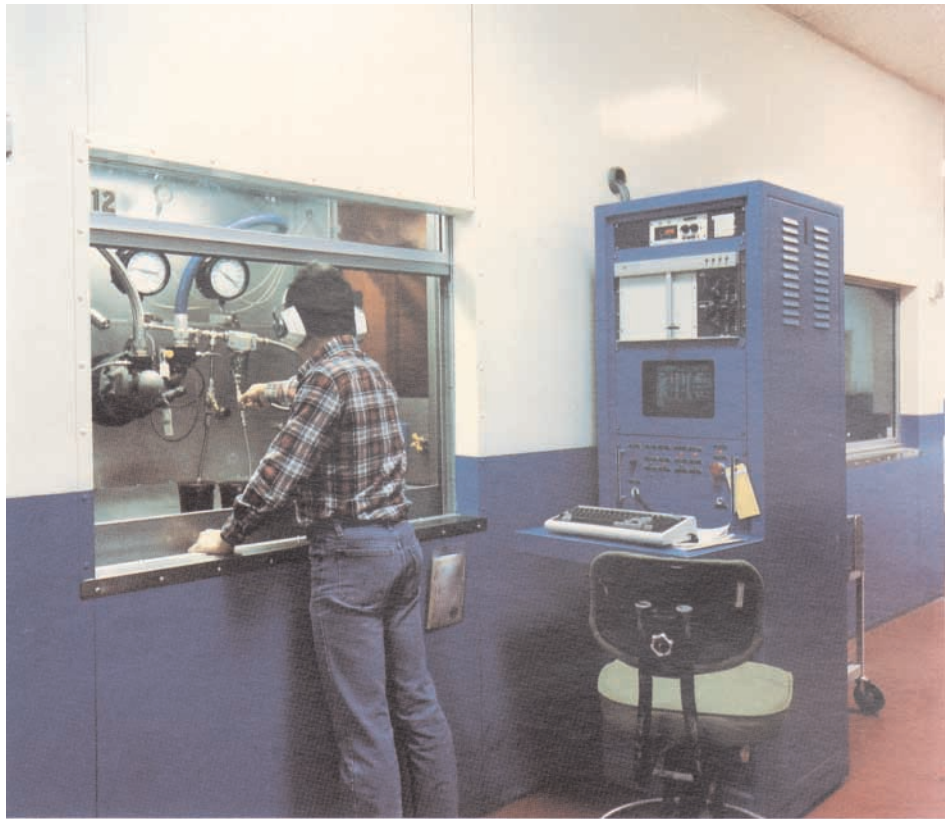
Contact McGill AirSilence for more information about its comprehensive line of industrial and HVAC noise control products.

## McGill AirSilence LLC

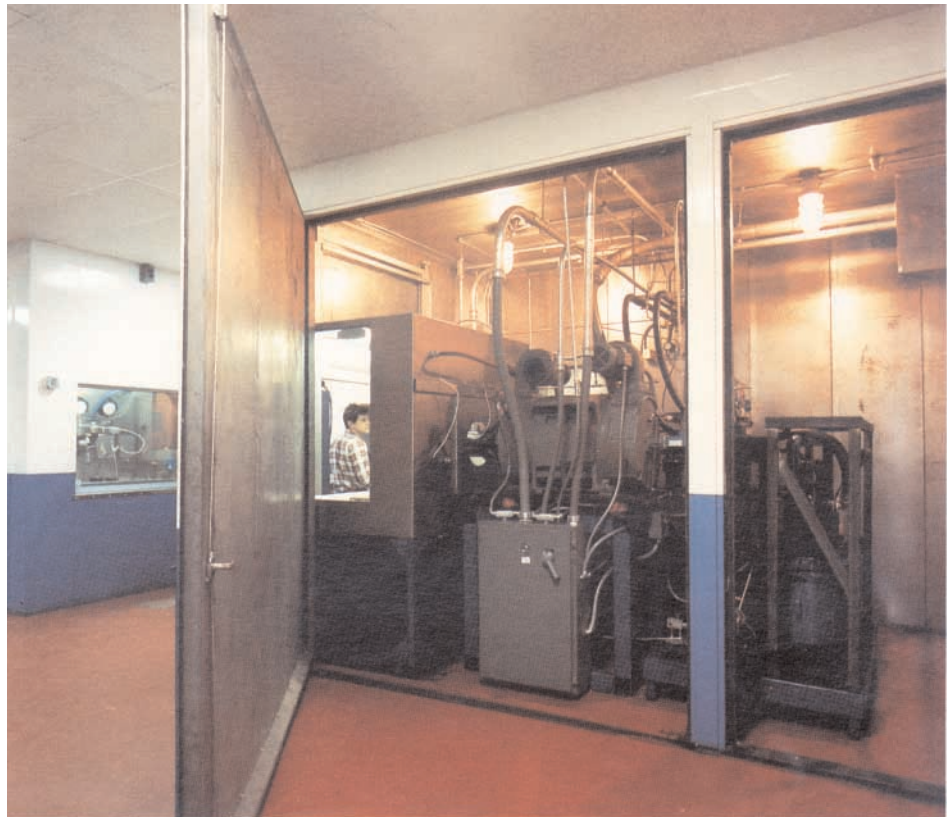
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*Noise levels of 110 dB and higher are concentrated only 18 inches from the window. McGill AirSilence designed special windows to reduce noise by as much as 30dB.*



*SOUNDSCREEN acoustical enclosures were installed by McGill AirSilence for 54 Vickers test stations.*