

Often engineers, safety consultants / directors, industrial hygienists or facility managers contact us for solutions to a noise issue that is specific to their site location. These individuals are experts at dealing with their business environment, however they need advice that is not within their major focus to satisfactorily achieve their noise reduction goals. These industrial and manufacturing experts rely on **eNoise Control** to be the expert in sound control. With years of consulting experience and up-to-date product knowledge we partner with a wide variety of professionals to be part of their team.

**Case Study** - A manufacturing plant contacted eNoise Control regarding high noise levels from a hydraulic pump unit located in the middle of their plant floor. Plant employees were being exposed to constant sound levels above 92 dBA from two hydraulic pump machines.



Floor mounted sound curtain enclosure



Sound curtain with doors partially open

We conducted sound level readings around the machine and noted mid frequency levels between 91- 94 dB 10 feet from the machines. This was consistent sound levels that were published from the manufacturer.

Our client expressed a need to access the machines for routine maintenance. They also did not desire a full sound enclosure because of ventilation and lighting concerns.

**The Solution** – eNoise Control’s solution was an open topped four sided sound curtain enclosure (see above). We supplied our rugged industrial sound curtains with a floor mounted steel support. We engineered a full 8' opening sliding sound curtain access door. This door was achieved with nylon rollers with hooks that suspend our sound curtain with eyelets.

The sound reduction was measured at 14 decibels thus achieving the customer’s acoustic goals well below 85 dBA.