




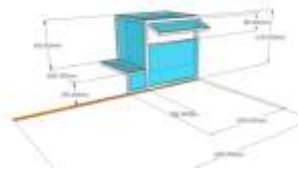
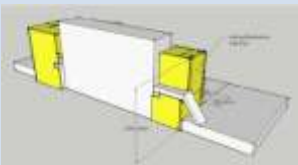





Case References

Project/Client/Period	Achievement	
Project : Feeding plant Client : Feeding Plant Year : 2016	Impact noise from the seed transfer line. Shaking machine, acoustic pipe insulation, sound barrier in the building and enclosure are the solutions to control noise in this factory. The result noise can be reduced to meet the country regulation.	
Project : Air Compressor Client : Gas Separation plant Year : 2015-2016	Design acoustic sound barrier for the air compressor house, Noise reduce from 95 dB (A) to 75 dB(A) at the other side of the sound barrier.	
Project : Sanitary Pipe insulation Client : Condominium Year : 2014-2015	Design the acoustic pipe insulation through the flow noise of the soil waste and floor drain of the condominium. Noise reduce from 70 dB(A) to 32 dB(A)	
Project : PVC profile cutter acoustic wrap Client : Industry Year : 2014	Impact noise of the cutter to the PVC profile make noise up to 106 dB(A). Application of the elastomeric insulation and mass load vinyl sheet help to reduce noise down below 88 dB(A)	
Project : Exhaust Duct of Power Plant Client : Power Plant Year : 2014	Acoustic insulation was applied to wrap over the exhaust duct of the gas turbine size of 36.7 kW of GE. The noise reduce from 98 dB(A) to 85 dB(A)	
Project : Acoustic Enclosure for the Ceramic Tile Cutter Client : Industry Year : 2014	The cutter of the ceramic acoustic enclosure can reduce noise from the cutter at 100 dB(A) to 85 dB(A) by using the mass load vinyl sheet double wall design	
Project : Acoustic enclosure for the Woven machine Client : Industry Year : 2014 - 2015	Woven machine of the big piece of carpet general loud noise to the operators, the acoustic enclosure of the rewinding sets of the woven machines were designed and help the hearing loss problem, and intelligibility for the workers.	
Project : Noise source identification and acoustic treatment design concept Client : Industry Year : 2013	Noise survey and propose the acoustic treatment for the hard board processing line, Cutter line and compression line.	



Project : Sound proof room for air compressor
Client : Steel factory
Year : 2013

Design with new type of acoustic enclosure with the mass load vinyl sheet together with the open cell elastomeric sound absorber to reduce noise of the gas compressor from 100 dB(A) to 70 dB(A) outside the room.



Project : Sound proof building for metering station to Gulf Power Saraburi
Client : Petrochemical
Year : 2013

Install the traditional glass fiber sound absorber to the general building from the gypsum board and metal sheet to create the noise barrier a 42 dB to reduce the noise from metering station.



Project/Client/Period

Achievement

Project : Sound proof building for gas compressor
Client : Power Plant
Year : 2013

Environmental noise control for the three gas compressors. Design and built the whole sound proof building to cover all three gas compressors, noise reduce from 98 dB(A) to 66 dB(A)



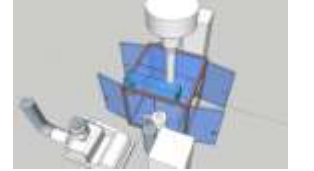
Project : Hydrogen compressor enclosure
Client : Petrochemical
Year : 2012

Design specially with all explosion proof ventilation system. Noise also control using the enclosure and pipe insulation.



Project : LLDPE Acoustic enclosure
Client : Petrochemical
Year : 2012

Acoustic enclosure for LLDPE resin and need to reduce noise from 110 dB(A) to less than 85 dB(A) in the working area. Ventilation system area also design to control the temperature < 80°C



Project : Acoustic pipe insulation for the recycle gas (NH3) control to power plant
Client : Petrochemical
Year : 2012

Noise survey of the 3 sets of Gas turbine Air inlet pipe line, and provide acoustic pipe insulation to reduce the noise to meet the noise target less than 85 dB(A) in the working area



Project : Acoustic Pipe insulation for the coffee bean shooting line to silo
Client : Industry
Year : 2012

Reduce impact noise from the coffee seed to the stainless steel pipeline which is shooting by root blower, then the acoustic insulation was designed to damp, absorption and as barrier to the working areas.



Project : Acoustic Enclosure design & install to LLDPE resin root blower
Client : Petrochemical Factory
Year : 2012

Noise reduction from 114 dB(A) to 85 dB(A) after enclosure with the enclosure using the heavy duty acoustic enclosure.





**Project : Acoustic Pipe
insulation for metering station
pipe to Power Plant
Client : Petrochemical
Year : 2010**

Apply and install the elastomeric pipe insulation to control under insulation corrosion in the gas pipe line, which noise generate from the control valve in metering station.



**Project : Acoustic Pipe
Insulation for metering station
Power Plant
Client : Petrochemical
Year 2009**

Noise survey and design the acoustic pipe insulation to reduce the noise for the community nearby the metering station. The noise level in the communication was reduced not higher than 10 dB from the background noise.

