Hospital Acoustic Consultant Services Offered by RML Acoustics

December 19, 2019

December 19, 2019 -

RML Acoustics, LLC, a noise control consultant firm based in Alachua, Florida, has revealed that they also offer hospital acoustic consultant services. The need to reduce noise in hospitals is understandable because patients need peace and quiet to help in their healing. Studies have shown that patients could be affected negatively by noise in the hospital. Because of noise, they could suffer from sleep disturbances, increased use of pain medications, and elevated heart rate and blood pressure. The company provides comprehensive noise assessment, sound monitoring, noise mitigation and expert witness testimony services on environmental noise related projects.

Principal Acoustical Consultant Rob Lilkendey at RML Acoustics says, ?We use a proven process to help you achieve your hospital project?s acoustical objectives. We work with the client to establish or interpret the project?s acoustical goals and criteria; identifying and quantifying existing or proposed noise source levels and documenting the level and character of the existing ambient sounds at affected receivers using advanced acoustical measurement techniques and precision grade instrumentation.?

RML Acoustics also helps with calculating the sound levels from the various noise sources in the hospital.

They will then help in the development and modeling of practical noise mitigation strategies. And they can also conduct noise monitoring to ensure continue compliance with the noise level requirements.

The company offers acoustical consulting services for a wide range of architectural, environmental, and mechanical projects. These include projects for hospitals, schools, multi-family residential and mixed-use buildings, hotels, museums, themed entertainment, performing arts facilities, weapons training facilities, restaurants, bars/nightclubs, courthouses, office/commercial buildings, private residences, and more.

RML Acoustics can also provide solutions for noise and vibration problems in buildings and the outdoor environment in three areas where noise control is needed. The first area is noise control and vibration isolation for mechanical, electrical and plumbing (MEP) systems. This includes the reduction of noise and vibration from rooftop equipment, emergency generators, cooling towers, pumps, air handling equipment, chillers, elevators, plumbing equipment, transformers, and other types of motor-drive equipment found in buildings.

The second area has to do with architectural noise control. This includes the design and testing of interior walls, exterior walls, doors, windows, and floor / ceiling assemblies. The goal is to decrease sound transmission between spaces within buildings. The third area is industrial noise control. This has to do with the minimization of exposure of workers to noise, and environmental noise assessment for industrial and commercial buildings like hotels.

For the hospitality industry, hotel noise consultants from RML Acoustics will measure, analyze and mitigate noise exposure of hotel guests and employees. They will conduct acoustical testing using high precision instruments. The acoustical testing methods used will be in strict compliance with ASTM and ANSI standards. This includes sound reduction for impact on floor and ceiling assemblies; minimization of airborne sound for walls, ceilings, floors, doors, windows, and building facade components; measurement of airborne sound levels to ensure that the sound level limits imposed by noise ordinances are not surpassed; measurement of room acoustics to provide documentation that sound levels are in compliance with project criteria; and measurement of transportation noise to make sure that noise levels in the building do not exceed sound level limits.

Meanwhile, Principal Acoustical Consultant Rob Lilkendey has experience in offering expert testimony at trials and hearings related to findings from acoustical studies performed on behalf of clients or as a reviewer of studies that have been performed by others. These projects usually have to do with land planning and compatibility issues, community noise issues, disputes regarding noise issues in multi-family residential buildings, and eminent domain issues. Rob Lilkendey has already gained recognition as an expert witness in Miami-Dade County, Hillsborough County, Charlotte County, and Sarasota County, including at quasi-judicial hearings in cities and counties throughout the state of Florida.

People who require more information on industrial noise control consultant services from RML Acoustics can go to their website, or contact them through the phone or via email.

###

For more information about RML Acoustics, LLC, contact the company here:RML Acoustics, LLCRob Lilkendey(352) 415-4041info@rmlacoustics.com14688 NW 150th LaneAlachua, Florida 32615

RML Acoustics, LLC

Principal Acoustical Consultant Rob Lilkendey is an expert in the field of architectural and environmental acoustics, with 22 years of experience solving noise and vibration issues in buildings and optimizing acoustical environments throughout the USA.

Website: http://www.rmlacoustics.com

Email: info@rmlacoustics.com

Phone: (352) 415-4041