

Related Project Experience Industrial Facilities and Noise Control

RECENT PROJECTS

Cold Canyon Sort Facility

San Luis Obispo, CA

Oasis Associates

Measured noise levels at both existing and planned sort facilities for recycled materials. Considerations included heavy truck traffic, loading and unloading of materials such as glass, and the processing machinery. The measurements were done to ensure that noise at the future facility would not exceed local ordinances or disturb nearby residents.

Basalite Paver Building

Tracy, CA

GSC Raphael Associates

Noise control recommendations for a manufacturing plant with conveyors.

Kaiser Center - TCG Emergency Generator

Oakland, CA

Teleport Communications Group

Developed sound isolation and noise/vibration control methods for reducing noise from an emergency generator located in a shopping complex.

Kaiser - Emergency Generator

San Francisco, CA

Kaiser Permanente

Measurements of noise levels coming from hospital's emergency generator which exceeded local ordinances. Made recommendations for new enclosure around the generator and supplied contact names for specialty companies.

Dell Computers - Manufacturing Plant

Round Rock, TX

Dell Computers

Recommendations to reduce background noise levels in manufacturing area. Though the levels were already below OSHA standards, the company wanted to lower noise levels further to allow tour groups to hear the narration.

Hewlett Packard - RF Generator

San Jose, CA

Hewlett Packard

Conducted noise measurements in the generator and calibration areas. Provided details to improve wall construction which will lower background noise levels in the calibration area.

Hewlett Packard - Building 91

San Jose, CA

Comprehensive Architectural Service

Design of acoustical enclosures for an abrasive sandblasting/polishing system and ultrasonic bath located in a manufacturing laboratory adjacent to an open plan office area.

IBM - Electron Microscope

San Jose, CA

IBM Corporation

Acoustical review of electron microscope area. Vibrations from machinery located one floor above disrupted proper operation of the microscope. Floor/ceiling remodeling with specific materials to lessen transfer of noise and vibrations was recommended.

Tandem Computers - Building 1

Cupertino, CA

Tandem Computers

Measure sound levels generated by Hass (environmental product testing) machine. Review and design of the acoustical isolation between the light manufacturing/service portions of the facility and plant offices, conference rooms, and cafeterias. Work involved surveys of existing conditions, design, and construction supervision.

GTE - Inverter

Sacramento, CA

GTE

Measured noise levels near an inverter and provided sound isolation and vibration isolation recommendations to lower the decibel rating.

Terrapin Labs - Generator CP Construction	Verify that sound levels from an emergency power generator complied with city noise ordinances. Made recommendations to decrease noise between generator and interior areas.	South San Francisco, CA
Genentech - Pure Steam Generator VDK Architects	Verify that noise levels from pure steam generator complied with city noise ordinances.	South San Francisco, CA
American National Can - Machine Shop American National Can	Developed wall and ceiling construction details to improve the sound isolation between the new machine shop and the rest of the process area.	San Leandro, CA
Higgins Lumber Company - Milling Office Architectural Woodwork Design & Planning	Measured sound levels at the milling site. Provided partition designs to improve the acoustical isolation between the millshop and the millshop offices.	Union City, CA
Applied Biosystems - Service Yard Applied Biosystems	Sound isolation recommendations for partitions between service yard, shipping/receiving area, and nearby offices.	Foster City, CA
Fremont Civic Center Shell - Noise Study Fremont Civic Center Shell	Noise measurements to check that proposed upgrade of car wash meets city ordinances.	Fremont, CA

PAST PROJECTS

Waste Fiber Recovery Plant, City of Hayward
Santa Theresa Water Treatment Plant, City of San Jose
Camarillo Cogeneration Facility, Impell Corporation
PG&E Diablo Canyon, Bechtel International Corporation
Chiron Research Center, Chiron Corporation
Aircraft Maintenance Facility, United Airlines, Inc.
Fuel Test Stand, United Airlines, Inc.
Industrial Dry Cleaner, United Airlines, Inc.
SCI Manufacturing, The Steinberg Group
Scott Company Facility, Westgate
Marina Plant, Dole Fresh Vegetables Company
Hillside Landfill Woodchipper, Hillside Landfill
Westinghouse, Building 31, Robert Moberg Associates
Peppermill, McCormick & Company
Dry Cleaner -- Golden Gateway Block III, Perini Corporation
Shaker Table, Stanford Telecommunications, Inc.
Machine Shop, Wiltron Company
Tandem Computers - Kifer Road Facility, Tandem Computers
Hewlett Packard - Building 41, Ehrlich - Rominger
Menlo Park Downtown Parking Structure, Donaldson Associates
Mayan Set, Walt Disney Imagineering
Ski Valley/Lake Herman EIR, ERCE

Past projects are the personal experience of TA principals
industr1.rpl

