

HPM

SYSTEMS, INC. 780 Charcot Avenue San Jose, CA 95131

Certified Systems for the
Monitoring and Control of
Hazardous Production Materials

Design
Integration
Installation
Certification

Certified Systems for the Monitoring and Control of Hazardous Production Materials



Bert Buehler, P.E.

President and General Manager

Mr. Buehler is a Registered Electrical Engineer in the State of California with over 29 years of experience focused on the design and installation of monitoring and control systems for the semiconductor and biopharmaceutical industries. His experience encompasses industrial manufacturing, laboratory and similar R&D facilities with a focus on critical power and life safety systems - including fire alarm system design and toxic gas monitoring and control systems integration. His leadership will also enable us to expand our capabilities and services in developing and implementing cost effective solutions to complex design and code compliance issues.

HPM Systems, Incorporated provides a uniquely qualified team of experienced Chemical, Mechanical, Electrical and Process Engineers; Hazardous Materials Specialists, Inspectors and Plan Reviewers; as well as Environmental, Health and Safety Professionals.

“Our mission is to provide safe and reliable gas monitoring and control systems designed to meet each client’s specific needs and satisfy ever evolving codes and industry standards.”

Design

- Monitoring System Design and Permitting
- Sensor Selection
- Layout and Sensor Placement
- Controls and Specifications
- Functional Matrix Development

Integration

- Sensor and Control System Integration
- Facility Management and Response
- Toxic Gas Ordinance (TGO) Consulting
- Uniform Building, Fire and Mechanical Code Consulting
- PLC Programming

Installation

- Calibration of Gas Detection Sensors
- Programming of Monitoring Systems
- Third-party Functional Testing
- Technical Training
- On-site Sensor Validation

Certification

- Professional Electrical Engineers
- Certified Fire Code Plans Examiners
- Certified Third-party Inspection and Testing
- Certified Manufacturer’s Representative
- Licensed Contractors

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