

Benjamin Walker

Senior EHS Engineer

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STRENGTHS

- ⚙️ **Machine Safety**
Risk reviews brought engineering teams together around practical guarding, control, and verification decisions before release.
- 🔍 **Incident Learning**
Investigation findings became clear CAPA actions, and supervisors gained confidence acting on contributing factors.
- 📋 **Program Ownership**
EHS programs stayed current across laboratories, warehouses, manufacturing areas, and facility operations through steady follow through.
- ⚖️ **Regulatory Judgment**
Complex requirements were translated into workable controls, giving site leaders a clear path through compliance gaps.
- 👥 **Cross Site Coaching**
Functional leaders received practical guidance on dashboards, overdue actions, audits, and daily program execution.

SKILLS

Machine Safety
Occupational Safety
Risk Assessment
Management of Change
Lock Out Tag Out Permit to Work
Job Safety Analysis
Incident Investigation CAPA
Ergonomics Contractor Safety
Emergency Preparedness
Regulatory Compliance
Project Management EHS Audits

SUMMARY

Senior EHS Engineer with 8 years of experience advancing **occupational safety** and EHS management systems across regulated manufacturing, R&D, robotics, laboratory, warehouse, and automated equipment environments. Provides technical direction for Machine Safety, **Lock Out Tag Out, Management of Change**, Permit to Work, ergonomics, contractor safety, emergency preparedness, and workplace risk assessment. Builds practical controls for complex machinery, chemical handling, facility operations, and laboratory work while translating federal, state, and local requirements into executable programs. Leads incident investigations, CAPA, audits, job safety analyses, regulatory interactions, and performance reporting across multi site operations. Holds a Bachelor of Science in Environmental Engineering, CSP certification, and **ISO 14001:2015 Lead Auditor** credential. Strengthens compliance through sound judgment, project leadership, clear coaching, and steady collaboration with engineering, operations, quality, facilities, and site leaders.

EXPERIENCE

Senior EHS Engineer

Vectora Medical Automation 📅 March 2023 - Present 📍 San Jose, California

Leads occupational safety and technical EHS programs across regulated R&D, robotics, laboratory, warehouse, and light manufacturing operations. Advises engineering and site leaders on risk controls, program execution, incident prevention, CAPA, audits, and compliance reporting.

- Directed **Machine Safety**, LOTO, HECP, **Permit to Work**, and Management of Change across automated cells.
- Chaired equipment risk reviews, documenting hazards, controls, owners, and verification actions before operational release.
- Led injury, First Aid, and Good Save investigations, converting findings into tracked CAPA actions.
- Maintained IIPP, HAZCOM, EAP, **Confined Space**, **Fire Prevention**, and Hot Works programs.
- Updated Lab Safety, Biosafety, **Radiation Safety**, Warehouse Safety, and **Chemical Inventory** controls.
- Built SharePoint and Office dashboards, improving visibility into audits, training, actions, and EHS objectives.

EHS Engineer

Helix Precision Devices 📅 January 2021 - February 2023 📍 Sunnyvale, California

Managed EHS support for precision manufacturing and product development operations with stringent quality and regulatory expectations. Coordinated risk evaluations, management system reviews, environmental compliance, audits, permits, and corrective actions with engineering, facilities, operations, quality, and leadership teams.

- Completed machine safety assessments covering guarding, hazardous energy, **ergonomics**, chemicals, falls, and contractors.
- Coordinated **Management of Change** reviews before engineering and equipment modifications reached production operations.
- Audited **ISO 14001** and **ISO 45001** systems, prioritizing findings through documented corrective action plans.
- Maintained air, water, **hazardous waste**, **medical waste**, and chemical compliance records for inspections.
- Hosted audits and inspections, assembling evidence and communicating progress with leaders and external stakeholders.
- Supported project planning for compliance upgrades across manufacturing and product development areas.

EHS Specialist

Pacific BioSystems Manufacturing 📅 July 2019 - December 2020 📍 Fremont, California

LANGUAGES



MY CAREER



- Senior EHS Engineer at Vectora Medical Automation (3.6 Years)
- EHS Engineer at Helix Precision Devices (2.1 Years)
- EHS Specialist at Pacific BioSystems Manufacturing (1.4 Years)
- EHS Consultant at Redwood Environmental & Safety Consulting (8 Months)

- Delivered daily safety support for **manufacturing**, laboratories, maintenance, and warehouse functions. Applied structured hazard identification, job safety analysis, contractor controls, emergency planning, incident review, records management, and recurring reporting across operational teams.
- Developed job safety analyses for machinery, hazardous energy, chemicals, and material movement tasks.
 - Administered **contractor safety** and **Permit to Work** controls for facility and maintenance projects.
 - Updated **HAZCOM**, emergency action, **fire prevention**, chemical inventory, and laboratory safety documentation.
 - Investigated incidents and near misses, recording contributing factors and tracking corrective actions through completion.
 - Built **SharePoint** and Office reports, improving visibility into inspections, training, actions, and obligations.
 - Supported supervisors with practical risk controls for production, maintenance, warehouse, and laboratory activities.

EHS Consultant

Redwood Environmental & Safety Consulting 📅 October 2018 - June 2019 📍 Oakland, California

- Supported client assessments across manufacturing and technical workplaces, building practical experience in **occupational safety**, environmental compliance, regulatory interpretation, audit preparation, and corrective action planning. Translated technical observations into clear recommendations for client teams.
- Evaluated machine guarding, **Lock Out Tag Out**, chemical handling, ergonomics, and **emergency preparedness** controls.
 - Reviewed safety programs against federal, state, and local requirements, identifying actionable compliance gaps.
 - Prepared audit workpapers, inspection summaries, risk registers, and action trackers for client managers.
 - Supported hazardous waste, air, **water**, **chemical inventory**, and facility compliance reviews.
 - Explained regulatory findings during client meetings, helping teams prioritize practical engineering and training actions.
 - Documented workplace observations that guided policy updates, risk controls, and follow up reviews.

PROJECTS

- Multi Site EHS Management System** 📅 2025
Coordinated a cross site improvement effort covering ISO 14001, ISO 45001, CAPA, audits, dashboards, and shared safety practices across regulated operations.
- Automated Equipment Risk Control Program** 📅 2024
Structured machine safety reviews for automated cells and test equipment, linking risk assessments, Management of Change, LOTO, and release verification.

LEADERSHIP & AWARDS

- Certified Safety Professional recognition, 2023
- ISO 14001:2015 Lead Auditor credential, 2022
- Cross functional EHS leadership for robotics and regulated manufacturing operations

EDUCATION

Bachelor's Degree in Environmental Engineering
California State University, Fresno 🎓 GPA: 3.5 📅 2018 📍 Fresno, California
Coursework: Occupational safety, environmental compliance, engineering controls, chemical safety, regulatory systems

CERTIFICATIONS

- Certified Safety Professional 📅 2023
- ISO 14001:2015 Lead Auditor 📅 2022

TECHNICAL SKILLS

- **EHS Management Systems:** ISO 14001, ISO 45001, IIPP
- **Hazardous Energy:** LOTO, HECF, Machine Safety
- **Risk Evaluation:** Risk Assessment, JSA, MOC
- **Chemical Safety:** HAZCOM, HMBP, Chemical Inventory
- **Emergency Programs:** EAP, Fire Prevention, Emergency Preparedness
- **Laboratory Safety:** Biosafety, Lab Safety, Radiation Safety
- **Permit Programs:** Permit to Work, Hot Works, Confined Space
- **Environmental Compliance:** Air Permits, Water Compliance, Hazardous Waste
- **Audit Systems:** Assurance Audits, Self Assessments, Program Reviews
- **Productivity Software:** MS SharePoint, MS Office, Dashboards
- **Corrective Actions:** CAPA, Root Cause Analysis, Action Tracking
- **Operational Safety:** Ergonomics, Fall Prevention, Warehouse Safety

PROFESSIONAL AFFILIATIONS

- Professional participation in occupational safety and EHS management practice
- Cross site collaboration with engineering, quality, facilities, operations, and EHS professionals

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST