

# **Environmental Health & Safety (EHS)**

# Injury Illness Prevention Program

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# **TABLE OF CONTENTS**

1	Introduction	4
	Program Overview	4
	Scope	4
	Background Information	4
	Objectives	4
2	Overview	5
	General Safety and Health Plan Overview	5
	Safety and Health Goals	5
	Drug-Free Workplace	6
	Disciplinary Action	6
3	EH&S Principles	6
	Principles of EH&S Excellence	6
4	Roles and Responsibilities	7
	Branch Management Team	8
	Regional EH&S Managers' Responsibilities	9
	Company Employees	9
5	Code of Safe Work Practices	10
6	Stop Work Policy	10
7	Safety Training	10
	General Training Requirements	10
	New Hire Safety Orientation	10
	Compliance Training	11
8	Safety Inspections and Audits	11
9	Safety Meetings	11
10	Accident Reporting and Investigations	11
	Incident Reporting	11
	Recordkeeping Requirements	

	Workers' Compensation	12
11	Plans and Programs	12
	First Aid & Triage Requirements	12
	Work-Related Injury — TRIAGE	12
	Blood-Borne Pathogens	12
	COVID-19 Action Plan	13
	Personal Protective Equipment (PPE)	13
	Emergency Evacuation & Fire Prevention Program	13
	Hazard Communication	13
	Respiratory Protection	14
	Asbestos Program	14
	Lead Program	14
	Emergency Spill Response	14
	Confined Spaces	15
	Hazardous Energy Control (LOTO)	15
	Fall Protection	15
	Hearing Protection	15
	Safe Lifting and Manual Material Handling	15
	Ladder Safety	15
	Electrical Safe Work Practices	16
	Hand and Portable Power Tool Safety	16
	Vehicle Safety	16
	Equipment/Machinery Guarding Requirements	16
	Guarding of Floor and Wall Openings, Holes, and Stairs	17
	Scaffolding	17
	Powered Industrial Trucks	17
	Heat Injury Prevention Program	17
	Ergonomics	18
	Crystalline Silica	18
12	Competent Person	18
	Competent Person	18
	Qualified Person	18
13	Hazard Identification	18

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# **1** Introduction

# **Program Overview**

The purpose of this Injury Illness Prevention Program is to establish safety and health programs, policies, and procedures for the company that meet or exceed governing standards, regulations, and customer/client requirements.

#### Scope

All operations shall comply with the contents of this Injury Illness Prevention Program. In rare instances some of the technical requirements may not always be applicable due to conflicting circumstances, practices, and laws or regulations of the locality. In such instances, means other than the ones specified in this IIPP may be employed so long as they conform to governing standards, provide at least the same level of protection for company personnel, and a hazard analysis has been accomplished and documented that sets forth the alternative methods that will achieve the required protection and meet the spirit and intent of this Injury Illness Prevention Program.

The programs, plans, and documents referenced throughout this Injury Illness Prevention Program define acceptable EH&S principles and work practices that shall be followed by all employees.

The company has implemented and will administer a comprehensive and continuous occupational Injury and Illness Prevention Program (IIPP) for all employees. The health and safety of the individual employee, regardless of the work being performed, takes precedence over all other concerns. It is the goal of the company to prevent injury and occupational illness by providing a hazard-free work place for all employees.

# **Background Information**

We are the leading installer and distributor of insulation products to the United States construction industry. We leverage our national footprint to gain economies of scale while capitalizing on our local market presence to forge strong relationships with our customers. Being a leader in both installation and distribution enables us to more effectively reach a broader set of builder customers, regardless of their size or U.S. location, and leverage housing growth wherever it occurs.

# **Objectives**

We believe that effective environmental, health and safety (EH&S) management is good business and are committed to EH&S excellence. Continuous improvement drives our environmental, safety and health programs.

We comply with all applicable environmental, safety and health laws, regulations and standards in all of our business activities. As a national company, we are cognizant of and

comply with regulations applicable where we conduct business. Where adequate regulations do not exist, we apply standards that reflect our commitment to excellence.

We consider EH&S factors in all business decision-making in order to maintain balance and minimize risk. We are proactive and forward thinking in our activities and incorporate EH&S principles into all aspects of our business by setting and regularly reviewing EH&S objectives.

The environmental, safety and health aspects of our products and services are continuously evaluated. Our goal is to develop and provide products and services that have no undue environmental impact, are safe in their intended use, efficient in their consumption of energy and natural resources, and can be recycled, reused, or disposed of safely.

Protecting the health and safety of our employees and the environment is a core and uncompromising value of our company. All company personnel are held responsible for unconditional support of this value and this Injury Illness Prevention Program.

# 2 Overview

# **General Safety and Health Plan Overview**

The management team shall ensure that all personnel, visitors, and suppliers comply with the company safety program and Federal, State, County, and Local statutes and regulations. Where adequate laws do not exist, the management team shall apply standards that reflect the company commitment to the health and safety of company personnel. The management team shall assure facilities where company personnel work meet applicable regulatory requirements and that all operations are conducted within governing documents such as manufacturer's instructions, customer regulations and directives, contract requirements, company business processes, company plans and programs, and all safety standards.

#### **Safety and Health Goals**

Safety and health excellence is more than a priority in the company – it is a fundamental value that is thoroughly entrenched in the company culture and is inherent in every aspect of the company operations. The company believes its most important assets are its people and nothing is more important than providing them a safe environment in which to work. It's an all-encompassing way of doing business that puts a safe workplace and employee well-being at the forefront of every company operation.

The only acceptable level of performance is to be Incident Free on every worksite, each and every day. Such performance is achievable with full commitment by each and every member of the team.

The Company's safety and health goals are:

• To continually reduce incidents, injuries, and illnesses with a goal of being incident and injury free.

- To empower our personnel to develop, maintain, and promulgate an incident-free mentality in their workplace.
- To minimize risk to the company stakeholders by considering safety and health factors in all business decision-making.
- To utilize the company business operating system and management systems to integrate safety and health into every operation.
- To ensure that the company commitment to safety and health excellence is reflected in day-to-day operations.
- To be a recognized leader in safety performance by the company's clients, the general public, and applicable government agencies.

#### **Drug-Free Workplace**

We are a drug-free workplace, we require all applicants to test clean or "negative" before hiring and post-accident when appropriate and in accordance with applicable law.

Drivers of certain vehicles must have DOT-specific drug and alcohol testing. Please immediately call the Safety department if you are uncertain as to which test a driver should have.

Our policy allows for reasonable suspicion testing for either drug (urine) or alcohol (blood) or both. This is done through coordination between managers and Human Resources.

# **Disciplinary Action**

The disciplinary action policy will be a tool to ensure enforcement of the policies and procedures set by local management to promote a safe working environment. The disciplinary action policy applies to all employees of this company. All managers will contact their Regional Human Resources Manager when safety disciplinary action is to be taken and will follow the Human Resources Disciplinary Action policy.

# **3** EH&S Principles

# **Principles of EH&S Excellence**

The following eight principles form the foundation of our commitment to EH&S excellence and summarize the companies approach to management of safety and health. All members of the management team, as well as employees shall follow these principles in all operations.

 Commitment — Management at all levels shall be committed to the achievement of EH&S excellence. Every manager shall demonstrate commitment to this goal and strive to provide adequate resources to achieve this goal and follow the company EH&S principles. Personnel in management positions are accountable for uncompromising support of this process and shall never present any circumstance as an exception to their commitment.

- 2. **Organization** We shall maintain a companywide organizational structure and culture that recognizes and encourages the active participation of all personnel in the management of EH&S issues. The Company shall incorporate clear and unambiguous lines of authority and responsibility for EH&S throughout the organization.
- 3. **Accountability** Achievement of EH&S excellence is reliant on the continuing participation and accountability of management. Management at all levels shall ensure operations are conducted in accordance with this IIPP and that effective EH&S processes and procedures have been developed and implemented.
- 4. Management and Standards EH&S management systems shall be based on a rigorous process consistent with the Injury Illness Prevention Program outlined in Title 8, Chapter 4, Subchapter 7, and Section 3203 of the California Code, ISO 18001, EM-385-1-1 and Accident Prevention Plan requirements outlined in WAC 296-800-140, Washington State Department of Labor and Industry. The management system is defined by this IIPP and its supporting documents, plans, programs, and policies identified in the Associated Documents section.
- 5. **Safety Compliance** We shall operate to standards that comply with the requirements of applicable legislation, regulation, and codes of practice; furthermore, the company shall strive to operate beyond compliance and in accordance with industry best practices.
- 6. **Training** Training is essential to EH&S excellence, and the company is committed to provide training on safety matters that are appropriate to each individual's job duties and responsibilities. Local management shall ensure that appropriate training is conducted on a regular basis.
- Monitor, Audit and Review Effective management requires ongoing assessment and review to determine whether the safety programs are being appropriately implemented.
- 8. **Continuous Improvement** Effective EH&S management is good business. The company is committed to continuous improvement of EH&S management practices, and adherence to these principles will assist in achieving EH&S excellence.

# **4** Roles and Responsibilities

Accountability for assuring safe working conditions for personnel and for compliance with the requirements contained in this IIPP shall be flowed-down through the entire management structure. Local management shall be held accountable for day-to-day safety performance and for enforcing safe work practices and compliance with this program. An "open door" policy shall exist where safety is concerned and employees shall never be criticized if they breach the chain of command when the safety of employees or the environment is involved.

- Providing adequate resources to assure safe and healthful working conditions.
- Providing adequate resources for recurring safety and health training for their management team, support staff, and workforce.
- Understanding the requirements in this program and enforcing compliance through coaching, observation, inspection, and disciplinary action where necessary.

- Providing sufficient multi-lingual resources to assure each employee has a comprehensive understanding of safety requirements for the work task being performed.
- Assuring inspections required by this program are conducted and that identified hazards are corrected or alternative protective measures are employed until the hazard is fully mitigated.
- Providing sufficient oversight to assure adherence to governing standards as well as the requirements in this program.
- Engaging their management team to assure a continual and encouraging positive attitude towards safety.

#### **Branch Management Team**

Each member of the local management team is responsible for assuring safe working conditions, compliance with governing statutes and regulations, and deployment of the requirements in this program in their work areas for employees, visitors, and suppliers. Specific responsibilities include:

- Identifying training requirements based on work exposure, governing standards, and client requirements, and assuring their personnel receive required training and remain current.
- Assuring fully qualified and competent personnel are assigned to perform work.
- Knowing and understanding the requirements in governing standards and in this program and enforcing compliance through coaching, observation, inspection, and disciplinary action where necessary.
- Assuring safety and health programs, documents, signs, and tags are communicated to personnel in a language they understand.
- Assuring personnel have proper tools, equipment, and PPE to safely perform tasks.
- Immediately correcting unsafe work practices or unsafe conditions or deploying preventive measures to control the hazard before work is allowed to continue.
- Enforcing immediate reporting of all incidents, including near-miss incidents.
- Conducting inspections required by this program and assuring identified hazards are corrected or alternative protective measures are employed until the hazard is fully mitigated or corrected.
- Stopping similar work when an incident occurs and immediately investigate the incident to determine causes and assure preventive measures are deployed before work is allowed to continue.
- Following up on identified hazards until they are permanently corrected or eliminated.
- Displaying and encouraging a positive attitude towards safety.

# **Regional EH&S Managers' Responsibilities**

The environmental, safety, and health staff is responsible for the technical oversight of the requirements contained in this program. They are also responsible for assuring compliance with this program as well as governing standards and for assuring employees continually follow safe work practices. If unsafe conditions are encountered, they shall take actions dictated by the severity of the situation up to and including stopping work and then engage line management as necessary to correct or eliminate the unsafe condition or unsafe work practice.

Specific responsibilities include:

- Assuring the requirements of this program and governing standards and directives are incorporated into company activities.
- Assuring the management team maintains satisfactory standards of employee competency, conduct, and integrity.
- Assuring employee involvement in all aspects of this program by fostering a positive safety and health philosophy.
- Assuring safety and health directives are followed and immediately identifying deficiencies to the appropriate members of the management team if compliance issues are observed.
- Assuring reported safety and health deficiencies are promptly corrected.
- Assuring lessons learned are incorporated into company processes, procedures, and work practices.
- Assuring required safety program reviews, inspections, and audits are conducted and documented and that safety issues are followed up through closure.
- Staying abreast of governing regulatory changes and project exposure potential to assure changes are immediately incorporated into company programs, processes, procedures, and work practices.

# **Company Employees**

All employees are responsible for complying with the contents of this safety program and governing standards.

Specific responsibilities include:

- Reporting unsafe conditions and unsafe work practices
- Immediately reporting incidents, injuries, and near-miss incidents
- Working in a safe manner at all times
- Conducting a pre-work inspection of both the work area and all tools and equipment before starting any task
- Conducting a hazard analysis before any task is performed and documenting the task before starting work when documentation is required

- Immediately stopping work, or not starting, if an employee believes it is unsafe and contacting his or her immediate supervisor
- Wearing all required PPE for the task being performed

# **5** Code of Safe Work Practices

The information contained in this program is intended to guide and inform employees so that safe work procedures may be followed. The accident prevention requirement particular to each work assignment should be thoroughly reviewed between the manager and the installers prior to starting any task.

# **6** Stop Work Policy

All personnel are empowered and expected to stop work or not start work when it is unsafe.

Any employee who believes an environmental, safety, or health violation exists that poses physical harm or imminent danger, may refuse to work under such conditions. An employee who exercises this right is expected to immediately report the situation to his or her supervisor or an alternate member of management. The supervisor, or alternate member of management, will immediately investigate the situation to determine if there are reasonable grounds to believe that a violation or danger exists, and then take appropriate actions to correct the situation before work is allowed to proceed.

No company employee, or any customer, has the authority to direct an employee to violate or disregard any health, safety, or environmental standard. Employees shall report any instructions inconsistent with this policy to their supervisor immediately.

# **7** Safety Training

# **General Training Requirements**

Personnel shall be sufficiently trained in the work process and equipment they use to safely perform assigned tasks. The type and method of training and or certification may vary but shall always be sufficient to assure understanding and meet any statutory or regulatory requirements. Training shall be communicated in a language understood by the employee, and testing shall be employed to confirm comprehension and understanding when appropriate. Management shall have sufficient EH&S training to assure effective management and oversight of their personnel.

# **New Hire Safety Orientation**

To ensure new hires perform their specific job duties/assignments in the safest manner possible, all new employees must complete required safety training within the timeframe outlined in this policy. There are two types of new hire safety training—specific and general.

# **Compliance Training**

All safety and health training required by applicable governing standards, laws and regulations, or customer/client requirements shall be conducted and documentation maintained according to records retention schedule.

Personnel who perform work that requires specialized training or certification shall receive additional training before accomplishing the task.

# **8** Safety Inspections and Audits

All personnel shall inspect their work location for hazards before the start of each task. They shall also inspect all equipment and replace defective items before starting work. All damaged equipment will be properly identified, tagged, and removed from service. All identified hazards will be documented and corrective actions taken to mitigate the hazards.

# **9** Safety Meetings

Safety meetings shall be held at least twice a month and will incorporate the required monthly safety training outlined on the safety training calendar.

# **10** Accident Reporting and Investigations

#### **Incident Reporting**

All incidents and injuries must be reported to the immediate supervisor. The Regional Safety Manager shall be contacted and all coordinating documentation shall be completed and submitted to the appropriate department. If an incident or injury is of a catastrophic nature, local management shall follow the serious incident reporting process.

#### **Recordkeeping Requirements**

OSHA recording criteria shall be used to determine OSHA recordable injuries and illnesses.

- Maintain printed copies of OSHA logs for five (5) years plus current year. Signed logs are required even for those years where no injury or illness occurred. Privacy cases shall be marked as privacy cases and privacy information shall not be included on printed copies of any forms.
- Post OSHA 300A Log for locations for the previous year from February 1 to April 30.

# Workers' Compensation

The company Workers' Compensation program assures quality medical care following covered work-related injuries/illnesses as defined by governing statutes and provides for an early return to work as early as medically feasible. Specific program requirements are identified in the "Return to Work" program. All personnel shall immediately report any on-the-job injury/illness to their supervisor or an alternate member of management when the supervisor is not available.

# **11** Plans and Programs

# First Aid & Triage Requirements

First Aid is non-life threatening care provided for injury or sudden illness. A first-aid provider is an employee who is able to use a limited amount of equipment to perform a primary assessment and intervention.

In workplaces where serious accidents such as those involving falls, suffocation, electrocution, or amputation are possible, emergency medical services must be available within 3-4 minutes.

OSHA has established that emergency medical services must be provided within 15 minutes of the onset of non-life threatening injury.

#### Work-Related Injury — TRIAGE

OSHA defines triage as the classification of ill or injured persons by severity of conditions.

The goal of triage is to provide the appropriate level of evaluation and treatment at the first point of an injury. Studies show that addressing a workplace injury on the first day significantly reduces the recovery time. Failure to triage can also negatively impact EMR ratings and overall Workers' Compensation costs.

There is no substitute for training in First Aid and CPR and we encourage some or all of the employees trained in First Aid.

All TopBuild employees are considered voluntary First Aid providers. No one is "required" by his or her job to provide First Aid services.

#### **Blood-Borne Pathogens**

A formal blood-borne pathogens program shall be deployed to cover personnel who are potentially exposed to blood-borne pathogens. Personnel who are potentially exposed as part of their job function shall receive initial and annual training and be offered Hepatitis B vaccinations within 10 days of assignment to the position where exposure may occur. They shall also receive post-exposure medical evaluations and follow-up in the event of an actual exposure incident. Blood-borne pathogens are pathogenic microorganisms that are present in human blood such as Hepatitis B Virus (HBV) and Human Immunodeficiency Virus (HIV).

#### **COVID-19 Action Plan**

Our company's primary commitment and value remains the safety and health of our employees. The company follows the Centers for Disease Control (CDC) and World Health Organization (WHO) guidelines for basic hygiene-related prevention and any state or local requirements regarding COVID-19 directives.

# **Personal Protective Equipment (PPE)**

A written personal protective equipment program shall be developed and deployed for all company personnel who wear personal protective equipment. This program shall identify specific PPE requirements in sufficient detail to assure employees wear the proper type of equipment. Protective equipment shall be provided free of charge with the exception that personnel are required to cover the cost of standard safety footwear and prescription glasses. Personnel required to wear PPE shall receive documented "hands-on" training in proper wear, care, and storage of the equipment prior to wear.

Personal protective equipment shall be maintained in a clean and reliable condition. Damaged or defective PPE shall be removed from use immediately. Visitors traveling into areas controlled by the company shall be offered PPE for protection if required and shall not be allowed to wander into an area of increased hazard without the necessary PPE.

#### **Emergency Evacuation & Fire Prevention Program**

A site emergency employee notification and evacuation plan shall be developed and deployed that covers site-specific evacuation and notification requirements and assures that all company personnel know what to do in an emergency, including emergency evacuation from the facility they are in, and that a method exists to assure all company personnel are accounted for following an emergency evacuation. Emergency contact information, as well as severe weather emergencies, medical emergencies, and bomb threat/sabotage emergencies shall also be covered in the plan.

#### **Hazard Communication**

A written hazard communication program shall be developed and deployed that addresses project-specific chemical hazards including potential safety and health effects from exposure, labeling systems being used at the site, an overview of the inventory and locations of the hazardous chemicals on-site, and the location of, and how to use, a Safety Data Sheet (SDS). Safety Data Sheets shall be immediately available to all personnel. Safety data sheets can be secured directly from the manufacturer.

All company personnel shall receive documented annual hazard communication refresher training, in addition to initial training prior to exposure to chemical hazards.

# **Respiratory Protection**

A written respiratory protection program shall be developed and deployed which identifies and covers all tasks that potentially expose employees above the permissible exposure limit for hazardous materials. The program shall include any employees who voluntarily wear either a respirator or a dust mask. Program complexity shall be dependent upon levels of potential exposure and cover all governing regulatory requirements.

Personnel who are exposed above the permissible exposure limit for hazardous materials shall wear respiratory protection of a type and style that brings exposure to below the limit established by the applicable regulatory standard.

#### Asbestos Program

Management shall determine the location and type of asbestos containing materials (ACM) in any building or area which company or subcontractor personnel perform work. This may be accomplished through review of asbestos surveys or sampling of suspect material if surveys are unavailable. If asbestos is present in any building where company or subcontractor personnel perform work, an asbestos program shall be developed and deployed.

Only qualified and certified personnel shall perform asbestos abatement, identification, sampling, cleanup, or disposal activities.

#### Lead Program

A written lead program shall be developed and deployed for all work that involves construction, alteration and/or repair, and painting activities which may disturb lead materials. The program shall include annual lead training and require a formal evaluation of lead content when the presence of lead is suspected or unknown in material or paint. The program shall also define work processes including engineering and administrative controls which assure the protection of potentially affected personnel from lead exposure.

Lead abatement work, which is designed solely to eliminate a lead hazard, shall only be contracted to a qualified lead abatement contractor.

#### **Emergency Spill Response**

An emergency spill response program shall be developed and deployed for personnel who handle, store, or use hazardous chemicals. This program shall define reporting requirements for spills that comply with customer and governing regulatory requirements. Personnel who work in areas where hazardous chemicals are stored or used shall be trained in the requirements in this written program including the methods of reporting spills and when reporting is required.

# **Confined Spaces**

A written confined space entry program that includes a written permit process for entry into spaces that are considered permit spaces shall be developed and deployed. The written program shall incorporate governing regulatory requirements and safe work practices.

Company personnel shall not enter a permit-required space unless they have been trained and qualified as a member of a confined space entry team and a written permit has been issued by a qualified confined space supervisor.

# Hazardous Energy Control (LOTO)

A hazardous energy control program (lockout/tagout program) shall be developed and deployed to protect company personnel who service or maintain machinery or equipment that has stored hazardous energy. This program will also apply to all personnel involved in electrical work and cover isolation of electrical hazards.

# Fall Protection

A fall protection program shall be developed and deployed to cover personnel who are exposed to potential falls of six (6) feet or more for construction activities and four (4) feet or more for industrial activities. In permanent work locations this protection should be through standard guardrail systems. Where a guardrail is not present, or does not meet design requirements, alternative methods of fall protection will be utilized.

#### **Hearing Protection**

All personnel exposed to sound levels above 85dB shall wear hearing protection anytime they are exposed to noise above 85dB. In addition, personnel who are potentially exposed to an 8-hour time weighted average (TWA) of over 85 dB shall be entered into a formal hearing conservation program.

#### Safe Lifting and Manual Material Handling

A safe lifting program shall be developed and deployed for areas where personnel routinely handle material other than normal office supplies. Manual material handling, especially of heavy or hard to grasp items, shall be avoided as much as possible. Hand trucks, carts, hoists, powered industrial trucks, or specialty carts shall be used to reduce injury potential.

#### Ladder Safety

A ladder safety program shall be developed and deployed to all personnel who use portable ladders. Training shall be provided prior their initial job assignment and then periodically in refresher training as appropriate.

# **Electrical Safe Work Practices**

All personnel shall comply with electrical safe work practices including the following:

- Portable electric hand tools shall be double insulated and shall be unplugged when not in use.
- Equipment with frayed cords or three-wire cord ends that have had the grounding prong removed shall not be used and shall be immediately tagged out of service.
- Cords shall not be modified this negates UL approval and may lead to unsafe equipment.
- Extension cords shall not be used in lieu of permanent wiring.
- Extension cords and/or power strips shall not be plugged together.
- GFCI protection shall be employed when an extension cord is used for portable electric tools and equipment and/or when work is performed with portable electric tools and equipment outdoors or in damp or wet locations.
- Work shall not be conducted within 10 ft. of overhead powerline or other live exposed electrical equipment.

# Hand and Portable Power Tool Safety

All hand and portable power tools shall be kept in serviceable condition and meet appropriate governing standard design requirements. Portable electric tools shall be double insulated or have a ground plug installed. Moving parts shall be properly guarded and guards shall remain in place during use.

Personnel shall carefully inspect hand and portable power tools before each use and immediately discard or tag any defective tools out of service.

#### Vehicle Safety

Personnel shall hold a current and valid driver's license to operate a company- or customerprovided vehicle, including rental vehicles, or to operate a personal vehicle on company or customer property.

Vehicle incidents involving company personnel on company business or company vehicles shall be investigated to determine causes and a report produced to establish a record of the incident.

# **Equipment/Machinery Guarding Requirements**

All moving parts of machinery and equipment within seven (7) feet of the floor shall be guarded or enclosed to prevent contact. Guards and safety devices shall never be removed or defeated unless required as part of the maintenance process and then only as allowed/recommended by the manufacturer or the process. When a guard is removed, and

the equipment remains energized, alternative methods of protection must be employed and no one other than the qualified person shall be allowed in the area.

### Guarding of Floor and Wall Openings, Holes, and Stairs

Floor and roof openings into which persons can accidentally walk or fall through shall be guarded by a physical barrier or covered. All floor and roof holes through which equipment, materials, or debris can fall shall also be covered. Coverings shall be of sufficient strength to support any load that may be imposed and adequately secured to prevent accidental removal or displacement.

# Scaffolding

A scaffolding safety program shall be developed and deployed that assures scaffolding design, erection, and use complies with industry standards and scaffold component manufacturer guidelines. All scaffolding shall be commercially procured scaffolding.

Each platform on all working levels of scaffolds shall be fully planked or decked between the front uprights and the guardrail supports (except for areas, which are used solely for erection and dismantling). All platform pieces shall be fastened to scaffold members to prevent movement during normal use and to prevent uplift by wind forces.

A competent person shall supervise erection, dismantling, and changes in scaffolding design. A competent person shall also train anyone involved in erecting, disassembling, moving, operating, using, repairing, maintaining, or inspecting scaffolds.

#### **Powered Industrial Trucks**

A forklift/industrial truck safety program shall be developed and deployed that complies with industry standards and manufacturers' guidelines for equipment operation as well as any customer requirements. Operators shall receive training and a "hands-on" certification prior to forklift operation, along with refresher training and certification every three (3) years.

# Heat Injury Prevention Program

Under OSHA law, employers are responsible for providing workplaces free of known safety hazards. This includes protecting workers from extreme heat. An employer with workers exposed to high temperatures should establish a complete heat illness prevention program that includes:

- Provisions for water consumption, rest, and shade
- Acclimatization to allow new or returning workers to gradually increase workloads and take more frequent breaks as they acclimatize, or build a tolerance for working in the heat
- High-heat procedures

- Planning for emergencies and training workers on prevention
- Monitoring workers for signs of illness
- Training and knowledge on heat-related illness and injuries.

#### **Ergonomics**

Personnel that perform high-risk repetitive work shall receive documented ergonomic evaluations of the high-risk tasks. Management shall apply engineering and/or administrative controls to reduce the risk of muscular skeletal disorders (MSD) based on these evaluations.

### **Crystalline Silica**

Crystalline silica is a natural constituent of the earth's crust and is a basic component of sand, concrete, brick, asphalt, granite, some blasting grit, and wall spackling materials.

In order to manage the silica hazard, management must plan for health and environmental impacts. Each activity with the potential for silica exposure must be addressed in a job specific activity plan that focuses on eliminating or minimizing silica exposure through substitution, engineering controls, work practices and methods, effective hygiene practices, PPE, training, environmental controls, and waste disposal.

# **12** Competent Person

# **Competent Person**

A competent person is an employee who has the knowledge, skills, and abilities to identify existing and predictable hazards in the surroundings or working conditions which are: unsanitary, hazardous or dangerous to employees, and who had authorization to take prompt corrective measures to eliminate them.

#### **Qualified Person**

A qualified employee is an employee who can demonstrate Competency while resolving problems relating to the work being performed and demonstrate the proper use and implementation of fall protection and fall arrest systems by possession of a recognized degree, certificate, training, knowledge or experience.

# **13** Hazard Identification

Hazard identification, risk assessment, and risk control are integral parts of the Injury Illness Prevention Program as well as a key element in the company management system. Successful identification and control of workplace hazards involves a three-tiered approach which includes job classifications, recurring work activities, and task-specific analysis. It also involves location startup and recurring reviews of risk exposures based on current and/or changing customer requirements, threat assessments, and newly identified hazards or changes in substances, processes, procedures, or equipment if they introduce new hazards into the workplace.