



AMERICAN NATIONAL STANDARD

*ANSI/ASSE A10.33-1998 (R2004)
Safety and Health Program
Requirements for Multi-Employer
Projects—American National
Standard for Construction and
Demolition Operations*

ANSI/ASSE A10.33-1998 (R2004)



AMERICAN SOCIETY OF
SAFETY ENGINEERS

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American National Standard
for Construction and Demolition Operations

**Safety and Health
Program Requirements
for Multi-Employer Projects**

Secretariat

American Society of Safety Engineers

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Approved June 23, 2004

American National Standards Institute, Inc.

American National Standard

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Published August 2004 by

American Society of Safety Engineers

1800 East Oakton Street

Des Plaines, Illinois 60018-2187

(847) 699-2929 • www.asse.org

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Printed in the United States of America

Foreword (This Foreword is not a part of American National Standard A10.33-1998 (R2004).

This standard is one of a series of safety standards that have been formulated by the Accredited Standards Committee on Safety in Construction and Demolition Operations, A10. It is expected that the standards in the A10 series will find a major application in industry, serving as a guide to contractors, labor, and equipment manufacturers. For the convenience of users, a list of existing and proposed standards in the A10 series for Safety Requirements in Construction and Demolition Operations follows.

- A10.2 Safety, Health, and Environmental Training (under development)
- A10.3 Powder-Actuated Fastening Systems
- A10.4 Personnel Hoists and Employee Elevators
- A10.5 Material Hoists (under development)
- A10.6 Demolition Operations
- A10.7 Transportation, Storage, Handling, and Use of Commercial Explosives and Blasting Agents
- A10.8 Scaffolding
- A10.9 Concrete and Masonry Construction
- A10.10 Temporary and Portable Space Heating Devices
- A10.11 Personnel and Debris Nets
- A10.12 Excavation
- A10.13 Steel Erection
- A10.15 Dredging
- A10.16 Tunnels, Shafts, and Caissons
- A10.17 Safe Operating Practices for Hot Mix Asphalt (HMA) Construction
- A10.18 Temporary Floor Holes, Wall Openings, Stairways, and Other Unprotected Edges
- A10.19 Pile Installation and Extraction Operations (under development)
- A10.20 Ceramic Tile, Terrazzo, and Marble Work
- A10.21 Proper Cleaning and Disposal of Contaminated Work Clothing
- A10.22 Rope-Guided and Nonguided Workers' Hoists
- A10.23 Back Injury Prevention Programs (under development)
- A10.24 Roofing (under development)
- A10.25 Sanitation in Construction (under development)
- A10.26 Emergency Procedures for Construction Sites (under development)
- A10.27 Hot Mix Asphalt Facilities
- A10.28 Work Platforms Suspended from Cranes or Derricks
- A10.29 Aerial Lifts in Construction (under development)
- A10.30 Workplace Security
- A10.31 Digger-Derricks
- A10.32 Fall Protection Systems for Construction Industry Users
- A10.33 Safety and Health Program Requirements for Multi-Employer Projects
- A10.34 Public Protection
- A10.35 High Pressure Hydro Blasting (under development)
- A10.36 Railroad Construction Safety (under development)
- A10.37 Debris Nets
- A10.38 Basic Elements of a Program to Provide a Safe and Healthful Work Environment
- A10.39 Construction Safety and Health Audit Program
- A10.40 Ergonomics in Construction (under development)
- A10.41 Equipment Operator and Supervisor Qualifications and Responsibilities (under development)
- A10.42 Rigging Qualifications and Responsibilities in the Construction Industry
- A10.43 Confined Spaces in Construction (under development)
- A10.44 Lockout/Tagout in Construction (under development)
- A10.45 Disaster Response Preparedness for Construction Workers (under development)
- A10.46 Hearing Loss Prevention (under development)
- A10.47 Highway Construction Safety (under development)
- A10.48 Communication Tower Erection (under development)

One purpose of these standards is to serve as guides to governmental authorities having jurisdiction over subjects within the scope of the A10 Committee standards. If these standards are adopted for governmental use, the reference of other national codes or standards in individual volumes may be changed to refer to the corresponding regulations.

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AMERICAN NATIONAL STANDARD A10.33 SAFETY AND HEALTH REQUIREMENTS FOR MULTI-EMPLOYER PROJECTS

1. GENERAL

1.1 Scope. This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers working on a construction project where there is a single Project Constructor supervises and controls the construction project.

1.2 Purpose. This standard is a basis for use as a minimum program to provide a safe and healthful work environment, and to accomplish cost effective construction.

1.3 Modifications and Exemptions. All modifications to and/or exemption from this standard shall be approved in writing by the Project Constructor.

2. DEFINITIONS

2.1 Construction Project. All construction work performed by or for the owner as contained in the Project Documents.

2.2 Competent Person. One who is capable of identifying existing and predictable hazards in surroundings which are unsanitary, hazardous, or dangerous to employees, and who has the authority to take prompt corrective measures to eliminate them.

2.3 Contractor. A subcontractor, specialty contractor or other entity as designated in the project documents, responsible for part of the construction process on a construction project.

2.4 Contractor Safety and Health Program. A written program developed by the Contractor specifically for the work to be performed on the job site by the Contractor. The Program meets the requirements established by the Project Safety and Health Program, and covers all activities and conditions under the responsibility of the Contractor.

2.5 Licensed Professional. One whose services are required for a specific action by statute.

2.6 Project Constructor. A person, firm, or corporation, i.e. the Construction Manager, General Contractor, Prime Contractor or other entity, as designated in the project documents, responsible for supervising and controlling all construction work performed on the project.

2.7 Project Documents. All contract documents, work orders, permits, requisitions and agreements applicable to the construction project.

2.8 Project Safety and Health Program. The written program developed by the Project Constructor specifically for the project that describes the requirements and procedures for implementing an employee safety and health program. This program applies to all Contractors and/or individuals.

2.9 Senior Contractor Supervisor. The individual designated by the Contractor who has overall authority and responsibility for work performed by that Contractor, including the Contractor Safety and Health Program.

2.10 Senior Project Supervisor. The individual designated by the Project Constructor with final authority and overall responsibility for all construction and related activities, including the Project Safety and Health Program.

3. PROJECT SAFETY AND HEALTH REQUIREMENTS

3.1 Implementation.

3.1.1 The project documents shall include a requirement that this standard and all applicable federal, state, and local safety and health laws and regulations shall be complied with by all Contractors, subcontractors, sub-tier Contractors and suppliers performing work on the project. Where there is a conflict, the more stringent provisions shall prevail.

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3.1.2 When the planned construction employee peak exceeds one hundred, this standard shall apply from the start of the project -- otherwise, it is optional.

3.2 Responsibilities and Authority.

3.2.1 The Project Constructor shall have a Safety and Health Program specific for the scope of work to be performed.

3.2.2 This program shall include a description of the responsibilities and authority of all levels of supervision.

3.2.3 Contractors are responsible for developing, implementing, monitoring and enforcing their Safety and Health Program, unless these requirements are performed by a higher tier Contractor.

3.3 Combined Responsibilities. Several responsibilities may be performed by the same individual, providing this is a Competent Person(s) approved by the Senior Project Supervisor.

3.4 Program Assignments. The following shall be specified in the Project Safety and Health Program, and be assigned to the various levels of construction management and supervision with authority and capabilities to implement the program:

3.4.1 Evaluation of Contractor Safety and Health Programs to determine their appropriateness to the specific job site and work to be performed;

3.4.2 Monitoring and documenting the implementation of the Safety and Health Programs;

3.4.3 Maintenance of accurate and complete accident, injury and illness records;

3.4.4 Maintenance of a Safety and Health Record/Log.

3.5 Assessment of Qualifications. The Project Constructor shall be responsible for assessing the qualifications and performance of the Senior Project Supervisor and the Senior Contractor Supervisor.

3.6 Hazard Reporting. Written reports describing non-compliance with safety and health standards, Project Safety and Health Programs and hazardous conditions shall be submitted to the Senior Project Supervisor. All imminent danger conditions shall be reported to the Senior Project Supervisor for immediate correction. The project constructor will establish a procedure for receiving these reports.

3.7 Special Safety & Health Plan.

3.7.1 When a contractor has established a pattern of noncompliance with the Project Safety and Health Program and/or laws and regulations, the Contractor shall develop a Special Safety and Health Plan detailing procedures to correct and prevent future occurrences of non-compliance.

3.7.2 The plan shall be approved and monitored by the Senior Project Supervisor.

3.8 Monthly Status Report.

3.8.1 A safety and health status report shall be completed on a monthly basis. The report shall reflect the current status of the project and shall be signed by at least the Senior Project Supervisor.

3.8.2 Copies of the monthly updated report shall be posted at locations readily accessible to all supervisors and employees.

3.9 Critical Structures and Complex Processes. The Project Constructor shall determine whether the project or parts of the project are critical structures or complex processes that require planning, design, inspection and/or supervision by a licensed professional (see definition).

4. DISCIPLINARY PROCEDURES

The Project Constructor shall establish disciplinary policy and procedures for Contractors, supervisors and employees not complying with the Project Safety and Health Program.

5. SENIOR PROJECT SUPERVISOR

5.1 Designation. The Project Constructor shall designate the Senior Project Supervisor who shall have final authority and responsibility for the Project Safety and Health Program.

5.2 Responsibilities. In addition to other responsibilities required by this standard, for all work to be performed on the project, the Senior Project Supervisor shall:

5.2.1 Ensure correction or abatement of all hazardous conditions and compliance with this standard;

5.2.2 Determine that Competent Persons are designated by Contractors;

5.2.3 Monitor regularly for potentially hazardous conditions;

5.2.4 Immediately notify the responsible Contractor of any conditions/acts that may cause illness or injury to employees;

5.2.5 Maintain a Project Safety and Health Record/Log by documenting the daily occurrences related to the Project Safety and Health Program including:

- (a) All injury, illness and accidents for the entire project with sub-records of same on each Contractor;
- (b) Current list of all Senior Contractor Supervisors;
- (c) The status of safety-related permits;
- (d) All other information/reports related to the implementation of this standard.

5.3 Corrective Action. If a contractor fails to correct hazardous conditions, or continues to place employees in hazardous conditions, the Senior Project Supervisor shall notify the Project Constructor for corrective action. Where imminent danger exists, the Senior Project Supervisor shall take appropriate action, which may include suspending operations in the affected area.

5.4 Presence on Project. No work shall be performed on the project unless the Senior Project

Supervisor or designated representative(s) is present on the project.

6. SENIOR CONTRACTOR SUPERVISOR

6.1 Designation. Each Contractor shall designate a Senior Contractor Supervisor who shall have final authority and responsibility for the Contractor Safety and Health Program.

6.2 Responsibilities. In addition to other responsibilities required by this standard, for all work to be performed by the Contractor, the Senior Contractor Supervisor, or designated representative(s) shall:

6.2.1 Ensure compliance with this standard and correction or abatement of all hazardous conditions;

6.2.2 Approve all Competent Persons;

6.2.3 Audit Contractor safety and health documents at least on a monthly basis;

6.2.4 Determine whether any work being performed by the Contractor requires planning, design, inspection and/or supervision by a licensed professional (see definition);

6.2.5 Conduct or cause to have conducted daily inspections, and document and correct all observed or potentially hazardous conditions and noncompliance with this standard;

6.2.6 Report and document all injuries, illnesses and accidents; investigate and implement measures to prevent reoccurrence.

6.3 Corrective Action. The Senior Contractor Supervisor shall stop hazardous work and notify the Senior Project Supervisor of all hazardous conditions and noncompliance with this standard not within the control of the Senior Contractor Supervisor.

6.4 Presence on Project. No work shall be performed by the Contractor unless the Senior Contractor Supervisor or designated representative is present on the project.

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7. CONSTRUCTION PROCESS PLAN

7.1 Development. The Construction Process Plan shall describe the construction sequence and procedures including temporary structures, shoring and bracing to be followed for the safe construction of the project.

7.2 Test Check List. There shall be a checklist of required tests including a timetable and list of those responsible for conducting the tests and/or approving continued construction based on the test results, as part of the Construction Process Plan.

8. PRE-WORK PLANNING

8.1 Project Survey. Prior to the start of work, each Contractor shall conduct a physical survey of the job site and make a survey of the work to be performed by reviewing the drawings and conducting discussions as applicable with one or more of the following – the Owner, Engineer, General Contractor, and Construction Manager.

8.2 Hazard Analysis. At the initiation of a construction project and for critical stages of work, a hazard analysis shall be conducted and implemented describing potential hazards and actions required to provide a safe and healthful work place. (See Appendix A.)

8.3 Pre-Phase Planning Meeting. A meeting of affected Contractors shall be held to coordinate and assign responsibility for all items identified in the hazard analysis.

9. EMERGENCY PLAN

The Project Constructor shall prepare a project-specific emergency plan and communication system that describes procedures to be followed in the event of serious injuries, fatalities, structural failures and other emergencies.

10. PERMIT SYSTEM

Where required by the Construction Process Plan, all Contractors shall obtain a permit issued by the Senior Project Supervisor, or designated representative, authorizing work to be performed on scaffolds, in trenches, in confined spaces, and under other hazardous conditions designated by the Senior Project Supervisor.

11. NOTIFICATION

The Project Constructor shall assure that each employee and supervisor is provided a summary (preferably pocket-size) of the Project Safety and Health Program.

12. TRAINING

12.1 Responsibility. Contractors shall be responsible for the safety and health training of their employees to assure that a safe and healthy work place exists.

12.2 Types of Training.

12.2.1 Supervisory. Employees assigned to supervisory positions shall be trained to carry out the safety and health responsibilities of the positions to which they are assigned and as outlined elsewhere in this standard.

12.2.2 Employee. Training in safety and health requirements shall be provided to each non-supervisory working employee. Training programs of these types should be utilized:

(a) New Hire Orientation - Training for newly hired employees oriented towards the Contractor's safety and health policies and Safety and Health Program and rules.

(b) Job Specific Training - Training in safety and health requirements and rules specific to the necessary knowledge, skills and abilities required to safely perform the work.

(c) Site-Specific Training - Training in safety and health requirements and rules unique to the particular work site.

(d) Safety Meetings - Training conducted on a regularly scheduled periodic basis during the progress of the work to reinforce requirements of the Safety and Health Program, review compliance and incidents or near misses caused by noncompliance and establish procedures for present or upcoming activities.

APPENDIX A

JOB HAZARD ANALYSIS

1. Scope.

This suggested procedure will outline the purpose for job hazard analysis for safe work operations and the method of pre-phase planning.

2. Purpose.

Accident prevention preplanning identifies hazards that are likely to occur during construction and makes sure that each Contractor performing an operation will have the necessary material and equipment on hand when needed. Due to the speed at which construction jobs proceed, time does not allow a single operation to continue long enough to become safe through trial and error. Pre-phase planning will enable the Contractor to anticipate the hazards and develop an appropriate plan to prevent accidents.

3. Responsibility.

It will be the responsibility of an individual designated by the Project Constructor to ensure that pre-phase job hazard analyses are conducted for work operations and activities performed by the Contractors.

(a) Pre-phase job hazard analysis should be developed by the Contractor field supervisory personnel who will actually be running the job that is being preplanned. The attached job hazard analysis form can be used for this analysis.

(b) The Project Constructor should consult and coordinate with Project Contractors in the preparation of pre-phase plans to ensure their acceptability. In addition, the plans should be reviewed and updated at reasonable periods of time to reflect changes in hazards and job conditions.

4. Pre-Phase Meeting.

After the Contractors have completed their necessary preparations and have a pre-phase job hazard analysis written out on the attached form, or another acceptable form, the Contractors should call a pre-phase meeting. This meeting should be attended by the Contractors submitting the plans, the Project Constructor, and the Senior Contractor Supervisors responsible for that particular phase of work.

Copies of the written plan should be distributed to all persons present, and the originator of the plan should explain each item and allow time for comments from all present. When appropriate, employees involved with these operations should be consulted. After the final decision to accept the plan as written or revise the submitted plan, it should be discussed with the employees who will perform the work. Under no circumstances should work be allowed to begin without first going through this procedure and having the job hazard analysis approved by the Project Constructor.