

APPENDIX A

MINIMUM BASIC OUTLINE FOR ACCIDENT PREVENTION PLANS

An Accident Prevention Plan (APP) is a safety and health policy and program document. The following areas are typically addressed in an APP, but an APP shall be job-specific and shall also address any unusual or unique aspects of the project or activity for which it is written. **> See ANSI A10.33 for multi-employer projects.**

The APP shall interface with the employer's overall safety and health program, and a copy of the contractor's project-specific safety and health program (their APP) shall be available on the work site. Any portions of the overall safety and health program that are referenced in the APP shall be included as appropriate. ANSI/ASSE A10.38 should be referenced for Programmatic Issues.

> For LIMITED-SCOPE SERVICE, SUPPLY AND R&D CONTRACTS, for example, mowing (only), park attendant, rest room cleaning, the Contracting Officer and SOHO may allow an ABBREVIATED APP (customized APP requirements and waive the more stringent elements of this section). > See 01.A.11, and Appendix A, paragraph 11.

1. SIGNATURE SHEET. Title, signature, and phone number of the following:

- a. Plan preparer (Qualified Person, Competent Person, such as corporate safety staff person, QC);
- b. Plan must be approved, by company/corporate officers authorized to obligate the company;
- c. Plan concurrence (e.g., Chief of Operations, Corporate Chief of Safety, Corporate Industrial Hygienist, project manager or superintendent, project safety professional, project QC).

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Provide concurrence of other applicable corporate and project personnel (Contractor).

2. BACKGROUND INFORMATION. List the following:

- a. Contractor;
- b. Contract number;
- c. Project name;
- d. Brief project description, description of work to be performed, location(map), equipment to be used, anticipated high risk activities, and phases of work anticipated (these will require an AHA).

3. STATEMENT OF SAFETY AND HEALTH POLICY. Provide a copy of current corporate/company Safety and Health Policy Statement, detailing commitment to providing a safe and healthful workplace for all employees. The Contractor's written safety program goals, objectives, and accident experience goals for this contract should be provided.

4. RESPONSIBILITIES AND LINES OF AUTHORITIES. Provide the following:

- a. A statement of the employer's ultimate responsibility for the implementation of his SOH program for his own employees, all sub-contractors and all others on the worksite (which includes the strict enforcement of the program).
- b. Identification and accountability of personnel responsible for safety at both corporate and project level. Contracts specifically requiring safety or industrial hygiene personnel shall include a copy of their resumes. Qualifications shall be in accordance with 01.A.17 b. > Only office OSHA 30 Hour Cards will be accepted.

c. The names of Competent and/or Qualified Person(s), written designation by the employer, and proof of competency and/or qualification to meet specific OSHA Competent/Qualified Person(s) requirements must be attached. The District SOHO will be asked to review the qualifications for acceptance;

d. Requirements that no work by the Contractor shall be performed unless a designated Competent Person (CP) is present on the job site; e. Requirements for pre-task safety and health analysis;

f. Lines of authority;

g. Policies and procedures regarding noncompliance with safety requirements (to include disciplinary actions for violation of safety requirements) should be identified;

h. Provide written company procedures for holding managers and supervisors accountable for safety.

5. SUBCONTRACTORS AND SUPPLIERS. If applicable, provide procedures for coordinating SOH activities with other employers on the job site:

a. Identification of subcontractors and suppliers. If not known at the time of initial APP submittal, the contractor should include the following statement in their initial APP: "The subcontractors for the following DFOW are not known at this time, but a revised APP will be submitted for acceptance prior to the start of any activities listed";

b. Safety responsibilities of subcontractors and suppliers.

6. TRAINING.

a. Requirements for new hire SOH orientation training at the time of initial hire of each new employee.

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- b. Requirements for mandatory training and certifications that are applicable to this project (e.g., explosive actuated tools, confined space entry, crane operator, diver, vehicle operator, HAZWOPER training and certification, PPE) and any requirements for periodic retraining/recertification.
- c. Procedures for periodic safety and health training for supervisors and employees.
- d. Requirements for emergency response training.
> **See paragraph 9.b. below for a list of requirements that may require emergency response training.**

7. SAFETY AND HEALTH INSPECTIONS.

- a. Specific assignment of responsibilities for a minimum daily job site safety and health inspection during periods of work activity: Who will conduct (e.g., SSHO, PM, safety professional, QC, supervisors, employees – depends on level of technical proficiency needed to perform said inspections), proof of inspector's training/qualifications, when inspections will be conducted, procedures for documentation, deficiency tracking system, and follow-up procedures;
- b. Any external inspections/certifications that may be required (e.g., USCG).

8. ACCIDENT REPORTING. The Contractor shall identify means to provide the following:

- a. Exposure data (man-hours worked);
- b. Accident investigations, reports, and logs: Report all accidents as soon as possible but not more than 24 hours afterwards to the Contracting Officer/Representative (CO/COR). The contractor shall thoroughly investigate the accident and submit the findings of the investigation along with appropriate corrective actions to the CO/COR in the prescribed format as soon as possible but no later than five (5) working days

following the accident. Implement corrective actions as soon as reasonably possible and provide notice to the CO/COR when corrective actions are completed.

c. Follow the requirements to provide accident notification covered in Section 01.D.02:

9. PLANS (PROGRAMS, PROCEDURES) REQUIRED BY THE SAFETY MANUAL. Based on a risk assessment of contracted activities and on mandatory OSHA compliance programs, the Contractor shall address all applicable occupational risks and compliance plans. Include a project-specific safety and health plan/program, as applicable to the work being performed, and as identified below. The plans/programs shall incorporate project-wide procedures to control hazards to which the employees of all project employers may be exposed.

These procedures shall be coordinated with all project employers and shall include emergency response and evacuation procedures, project-wide PPE requirements, project-wide recordkeeping and reporting requirements, and project-specific safety and health training requirements.

The plans/programs shall be prepared prior to the start of any construction activities on the job site and shall be revised throughout the project to reflect current activities, personnel, hazards and controls. The plans/programs shall be updated throughout the life of the project to include the results of activity hazards analyses (AHAs) as they are completed. Additional revisions shall be incorporated as necessary to reflect changing site conditions, construction methods, personnel roles and responsibilities and construction schedules.

No DFOW shall be started on site until the APP is revised and submitted to the GDA for approval, with the site specific compliance plans/programs required to complete the project. Using the EM 385-1-1 as a guide, plans may include but not be limited to:

a. Site Layout Plan (04.A.01);

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b. Emergency Response Plan:

- (1) Procedures and tests (01.E.01);
- (2) Spill plans (01.E.01, 06.A.02);
- (3) Firefighting plan (01.E.01, Section 19);
- (4) Posting of emergency telephone numbers (01.E.05);
- (5) Man overboard/abandon ship (Section 19.A.04);
- (6) Medical Support Plan. Outline on-site medical support and off-site medical arrangements including rescue and medical duties for those employees who are to perform them, and the name(s) of on-site Contractor personnel trained in first aid and CPR. A minimum of two employees shall be certified in CPR and first-aid per shift/site (Section 03.A.02; 03.A.06; 03.D);

c. Plan for prevention of alcohol and drug abuse (01.C.02);

d. Site Sanitation Plan (Section 02);

e. Access and Haul Road Plan (4.B);

f. Respiratory Protection Plan (05.G);

g. Health Hazard Control Program (06.A);

h. Hazard Communication Program (06.B.01);

i. Process Safety Management Plan (06.B.04);

j. Lead Abatement Plan (06.B.05 & specifications);

k. Asbestos Abatement Plan (06.B.05 & specifications);

l. Radiation Safety Program (06.E.03.a);

- m. Abrasive Blasting Plan (06.H.01);
- n. Heat/Cold Stress Monitoring Plan (06.I.02)
- o. Crystalline Silica Monitoring Plan (Assessment) (06.M) ;
- p. Night Operations Lighting Plan (07.A.08);
- q. Fire Prevention Plan (09.A);
- r. Wild Land Fire Management Plan (09.K);
- s. Hazardous Energy Control Plan (12.A.01);
- t. Critical Lift Plan (16.H);
- u. Contingency Plan for Severe Weather (19.A.03);
- v. Float Plan (19.F.04);
- w. Site-Specific Fall Protection & Prevention Plan (21.C);
- x. Demolition Plan (to include engineering survey) (23.A.01);
- y. Excavation/Trenching plan (25.A.01);
- z. Emergency Rescue (tunneling) (26.A.);
- aa. Underground construction fire prevention and protection plan (26.D.01);
- bb. Compressed Air Plan (26.I.01);
- cc. Formwork and shoring erection and removal plans (27.C);
- dd. PreCast Concrete Plan (27.D);
- ee. Lift slab plans (27.E);

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- ff. Steel Erection Plan (27.F.01);
- gg. Site Safety and Health Plan for HTRW work (28.B);
- hh. Blasting Safety Plan (29.A.01);
- ii. Underwater Diving Plan (30.A.13);
- jj. Confined Space Entry Plan (34.A).

10. RISK MANAGEMENT PROCESS (AHAs). Detailed project-specific hazards and controls shall be provided by Activity Hazard Analyses (AHAs, 01.A.13) for each definable feature of work. No work will begin on a DFOW until the initial AHA has been accepted by the GDA addressing the project-specific hazards. AHA's are intended to be created by the field crews/workers performing the work, with the assistance of others (SSHO, QC, Superintendent, etc) as needed. They are living documents and are intended to be created in the field and updated (by the workers) as needed. The updates of an AHA is not required to be accepted by the GDA however workers shall have a current AHA that reflects current site conditions, personnel, equipment, control measures, etc.

11. ABBREVIATED APP for LIMITED-SCOPE SERVICE, SUPPLY AND R&D CONTRACTS. If service, supply and R&D contracts with limited scopes are awarded, the contractor may submit an abbreviated Accident Prevention Plan. The abbreviated APP shall address the following areas at a minimum. If other areas of the EM 385-1-1 are pertinent to the contract, the contractor must assure these areas are addressed as well.

- a. Title, signature, and phone number of the plan preparer.
- b. Background Information to include: Contractor; Contract number; Project name; Brief project description, description of work to be performed, and location (map); The project description shall provide a means to evaluate the work being done (see AHA requirements in 01.A.13) and associated

hazards involved. Contractor's APP shall address the identified hazards involved and the control measures to be taken.

c. Statement of Safety and Health Policy detailing their commitment to providing a safe and healthful workplace for all employees.

d. Responsibilities and Lines of Authorities – to include a statement of the employer's ultimate responsibility for the implementation of his SOH program; Identification and accountability of personnel responsible for safety at all levels to include designated site safety and health officer (SSHO) and associated qualifications. The District SOHO will be asked to review the qualifications for acceptance.

e. Training - new hire SOH orientation training at the time of initial hire of each new employee and any periodic retraining/recertification requirements.

f. Procedures for job site inspections - assignment of responsibilities and frequency.

g. Procedures for reporting man-hours worked and reporting and investigating any accidents as soon as possible but not more than 24 hours afterwards to the Contracting Officer/Representative (CO/COR). An accident that results in a fatal injury, permanent partial or permanent total disability, or property damage of \$500,000 or more shall be immediately reported to the Contracting Officer.

h. Emergency Planning. Employees working alone shall be provided an effective means of emergency communication. This may be cellular phone, two-way radio or other acceptable means. The selected means of communication must be readily available and must be in working condition.

i. Drinking Water provisions, toilet and washing facilities.

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j. First Aid and CPR training (at least two employees on each shift shall be qualified/certified to administer first aid and CPR) and provision of first aid kit (types/size).

k. Personal Protective Equipment.

(1) WORK CLOTHING - Minimum Requirements. Employees shall wear clothing suitable for the weather however minimum requirements for work shall be short-sleeve shirt, long pants (excessively long or baggy pants are prohibited) and leather work shoes. If analysis determines that safety-toed (or other protective) footwear is necessary (i.e., mowing, weedeating, chain saw use, etc), they shall be worn.

(2) Eye and Face Protection. Eye and face protection shall be worn as determined by an analysis of the operations being performed HOWEVER, all involved in chain saw use, chipping, stump grinding, pruning operations, grass mowing, weedeating and blowing operations shall be provided safety eyewear (Z87.1) as a minimum.

(3) Hearing Protection. Hearing protection must be worn by all those exposed to high noise activities (to include grass mowing and trimming, chainsaw operations, tree chipping, stump grinding and pruning).

(4) Head Protection. Hard hats shall comply with ANSI Z89.1 and shall be worn by all workers when a head hazard exists. At a minimum, hard hats shall be worn when performing activities identified in (2) above.

(5) High Visibility Apparel shall comply with ANSI/ISEA 107, Class 2 requirements at a minimum and shall be worn by all workers exposed to vehicular or equipment traffic.

(6) Protective Leg chaps shall be worn by all chainsaw operators.

(7) Gloves of the proper type shall be worn by persons involved in activities that expose the hands to cuts, abrasions, punctures, burns and chemical irritants.

(8) If work is being performed around water and drowning is a hazard, PFDs must be provided and worn as appropriate.

l. Machine Guards and safety devices. Power tools/equipment must have appropriate guards and safety devices in place and operational.

m. Hazardous Substances. When any hazardous substances are procured, used, stored or disposed, a Hazard Communication Program must be in place and MSDSs shall be available at the worksite. Employees shall have received training in hazardous substances being used. When the eyes or body of any person may be exposed to corrosives, irritants or toxic chemicals, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within 10 seconds of the worksite.

n. Traffic control shall be accomplished in accordance with DOT's MUTCD.

o. Control of Hazardous Energy (Lockout/Tagout). Before an employee performs any servicing or maintenance on any equipment where the unexpected energizing or startup of the equipment could occur, procedures must be in place to ensure adequate control of this energy. See Section 12.

p. High hazard activities such as driving/operating equipment on slopes, working from/in boats, etc. shall be addressed in the APP. AHAs are required on work activities which include high hazard activities.

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