

## ENVIRONMENT, HEALTH AND SAFETY (EHS) REQUIREMENTS FOR SERVICE PROVIDERS

Seller is required to provide a safe and healthy job site for its employees, subcontractors, Buyer's employees, and other personnel who enter the job site.

Seller shall incorporate this clause in all of Seller's subcontracts with service providers operating at Buyer's Mesa facility or associated remote sites. Nothing herein shall be construed to relieve Seller or its subcontractors of their responsibility to comply with applicable federal, state and local fire code, environmental, health and safety laws, regulations and requirements. Such responsibility rests solely upon Seller and its subcontractors.

In the event of conflicting regulatory, code, or contractual requirements, the most stringent requirement shall apply. The minimum safety, health, and environmental requirements applicable to work performed on Buyer's property are found in 29 Code of Federal Regulations (CFR) Part 1910 (Occupational Safety and Health Standards for General Industry), 29 CFR 1926 (Occupational Safety and Health Standards for the Construction Industry), 40 CFR (Protection of the Environment), 49 CFR (Transportation), the International Building Code, the International Fire Code, the National Electrical Code, and National Fire Protection Association (NFPA) Standard 70E (Standard for Electrical Safety in the Workplace).

### 1. GENERAL INFORMATION

#### (A) *Notifications*

Seller shall provide Buyer's Authorized Procurement Representative or Buyer's Onsite Activity Representative with the identity of each hazardous material to be used to perform work activities, a material safety data sheet (MSDS) for each hazardous material, and information on quantities to be used and stored on site. Buyer's Environment, Health and Safety (EHS) Department must review and approve all hazardous materials prior to their introduction onto Buyer's property.

In addition, Seller shall notify Buyer's Authorized Procurement Representative, Onsite Activity Representative, EHS Department, and/or Fire Departments of all hazardous work activities, as identified in Section 2 of this clause, prior to the commencement of the work activity.

#### (B) *Emergencies*

Emergencies at Buyer's Mesa facility are to be reported by dialing 911 from a Boeing phone (or 480-891-0911 from a cell phone). This number must be called immediately in case of fire, medical emergency, hazardous material incident, or damage to Buyer's property.

Seller shall report all serious occupational injuries and illnesses that occur on Buyer's property to Buyer's EHS Department (480-891-0727) or Buyer's Health Services (480-891-4078). Injuries are considered serious if they require medical treatment beyond first aid.

*(C) Pedestrian and Vehicle Traffic*

Walkways are to be used where provided. Seller shall not take shortcuts through operating areas or buildings. Unauthorized personnel are prohibited from the flight ramps, fuel farm, and other posted areas.

The outdoor in-plant speed limit is 15 miles per hour, unless otherwise posted. Gasoline and diesel powered vehicles shall not be operated inside buildings without coordination with Buyer's Authorized Procurement Representative, Onsite Activity Representative, EHS Department, and/or Fire Departments.

*(D) Tools and Equipment*

Seller shall provide the equipment necessary for the safe performance of work. Use of ladders, scaffolding, barricades, rigging equipment, hand tools, power tools, hoists, and forklifts shall follow safe industrial practices as well as applicable federal, state, and local safety standards. Buyer's Authorized Procurement Representative, Onsite Activity Representative, and/or EHS Department may inspect any tools or equipment used on the job site. However, any such inspection or approval shall not relieve Seller of its responsibility for the appropriateness, quality, and/or safe use of the tool or equipment.

Seller must notify Buyer's Authorized Procurement Representative, Onsite Activity Representative, EHS Department, and/or Fire Department of explosive-actuated tools and devices to be used on the project.

*(E) Inspections*

Seller shall conduct periodic work area inspections to ensure that safe working conditions are maintained and that no environmental, health or safety hazards exist. All applicable federal, state, and/or local fire safety codes must be followed. Documentation of these inspections must be made available to Buyer's Authorized Procurement Representative, Onsite Activity Representative, and/or EHS Department upon request.

Buyer's EHS Department may inspect Seller's work areas to manage risk to Buyer's property and Buyer's employees, not for the benefit of Seller's personnel. Unsafe work conditions will be reported to Buyer's Authorized Procurement Representative or Onsite Activity Representative for resolution. If an imminent hazard is observed, Buyer's EHS Department will stop Seller's project in question and contact Buyer's On-Site Activity Representative to coordinate corrective action.

2. HAZARDOUS WORK ACTIVITIES

(A) *Burning and Welding*

A Burn Permit must be obtained from Buyer's Fire Department for all cutting, welding, soldering and burning operations.

(B) *Confined Space Entry*

All work involving entry into confined spaces shall be conducted according to current Occupational Safety and Health Administration (OSHA) standards and accepted industry practices.

Buyer's Onsite Activity Representative will provide Seller with information on known hazards of existing confined space entry locations at Buyer's facility. Buyer's confined space entry procedures may be provided to Seller for information purposes only.

Seller shall furnish evidence of a minimally acceptable program to Buyer's EHS Department prior to entering confined spaces.

(C) *Energized Electrical Work*

The Seller must comply with current OSHA and NFPA 70E standards for safe work on energized electrical systems. Work on or near energized, exposed, movable conductors (e.g., power lines) or energized equipment with exposed conductors operating at 50 volts or greater shall only be done when approved in writing by Buyer's EHS Department. EHS Department approval is not necessary for electrical testing, troubleshooting, and calibration.

(D) *Lock/Out and Tag/Out Requirements*

Seller must comply with current OSHA and NFPA 70E standards for the proper control of hazardous energy. OSHA regulations, NFPA 70E, and Buyer's policies require that all machines/equipment are isolated from energy sources prior to performing work where inadvertent start-up or energy release could pose a personnel hazard.

All equipment that could present a hazard from inadvertent activation or energy release during maintenance, servicing, construction, or installation shall have the energy supply locked out and tagged except where the energy supply is needed for troubleshooting, inspecting, positioning, or servicing the equipment.

Seller shall request permission from Buyer's Onsite Activity Representative prior to the proposed lockout of equipment or circuits. All affected personnel shall be notified when equipment is "locked out" and when lockout is removed.

Work on or near exposed, energized electrical equipment, and when making connection to live pipeline systems, shall be done only when approved in writing by Buyer's EHS Department.

*(E) Trenching and Excavations*

Seller must comply with current OSHA standards for all trenching and excavation activities.

*(F) Overhead Work/Elevated Workstations*

Seller must comply with current OSHA standards for overhead work, leading edge work, and work from elevated workstations, including scaffolding, ladders, powered platforms, and manlifts. All overhead work shall be performed with adequate fall protection for workers and pedestrian protection from falling objects.

Seller must comply with current OSHA standards for the use of mobile cranes and other material hoisting equipment. All hoisting equipment must be posted with the rated capacity. Personnel are not permitted under a suspended load. The use of cranes is limited to trained and authorized personnel only.

*(G) Spray Painting/Spray Finishing/Spray Coating*

Spray painting/spray finishing/spray coating operations shall be conducted only in areas approved by Buyer's EHS and Fire Departments. All electrical equipment shall be rated for Class I, Division I locations where flammable or combustible liquids are sprayed in addition to being well ventilated and unoccupied. Environmental requirements under the federal 6H NESHAP may apply depending on the nature of the spray coating operation; the Buyer's EHS Department shall be contacted in advance to review and approve any equipment used in spray coating applications.

*(H) Solvent Cleaning*

Approval from Buyer's EHS Department is required for all solvent-cleaning operations. All waste and residual solvent shall be disposed of in accordance with Section 4 (A) of this clause.

*(I) Abrasive Blasting*

Approval from Buyer's EHS Department is required for all abrasive blasting operations. Approved blasting operations shall be conducted in unoccupied or out-of-doors enclosed areas.

*(J) Radiation and Lasers*

Approval from Buyer's EHS Department is required prior to the use of radioactive materials, x-ray sources and/or class 3b or class 4 lasers. The use of these

products must comply with current federal and state regulations and is limited to licensed, trained and/or authorized personnel.

### 3. HAZARD COMMUNICATION

#### (A) *General*

Buyer's Onsite Activity Representative will provide information on the hazardous materials that exist at the work site to which Seller's employees might be exposed.

Seller is required to provide Buyer's Authorized Procurement Representative, Onsite Activity Representative, and/or EHS Department with the identity of each chemical product to be used; a material safety data sheet (MSDS) for each chemical; and quantities to be used and stored on site. Seller shall provide this hazardous chemical information to Buyer's EHS Department and obtain approval for use prior to the chemicals arriving on-site.

### 4. ENVIRONMENTAL CONCERNS

#### (A) *Hazardous Waste*

Hazardous wastes are those materials specified by the U.S. Environmental Protection Agency (EPA) (40 CFR 206 through 261) or the Arizona Department of Environmental Quality (ADEQ) (A.A.C. R18-8-260 through R18-8-261). The ADEQ also defines special wastes (A.R.S. R18-8-301). Additionally, Buyer classifies and manages certain non-regulated materials. These waste materials include, but are not limited to empty product cans and used oil.

Seller is expressly prohibited from removing hazardous wastes and special wastes from Buyer's property. All hazardous and special wastes that are generated as a result of the contract will remain on-site for proper disposal by Buyer. Seller shall not commingle waste streams without prior written approval by the EHS Department.

While working at Buyer's facility, Seller shall ensure all fuel and oil containing equipment and containers are leak free. Any cleanup that resulted from the spilling or leaking of fuel or oil, including petroleum-contaminated soil, will be properly disposed of by Buyer per State of Arizona regulations. Any cost involved with the cleanup and disposal of these wastes will be the responsibility of Seller.

#### (B) *Air Quality*

Dust generating operations, defined as any activity capable of generating fugitive dust, must comply with Maricopa County Air Quality Department requirements.

If Seller is engaged in dust generating operations that disturb more than a one-tenth (0.10) of an acre, or as determined by Buyer's EHS Department, Seller must obtain an Earthmoving (EM) Permit and Dust Control Plan (DCP) from the Maricopa County Air Quality Department. Copies of the EM Permit and DCP must be submitted to Buyer's Onsite Activity Representative prior to commencement of work.

If Seller is engaged in dust generating operations that do not require an Earthmoving Permit, Seller must submit its Maricopa County Dust Registration Number and employee Dust Compliance Training records to Buyer's Onsite Activity Representative prior to commencement of work. During each day of operation, Seller must keep records of the methods of dust control used, and subcontractor dust registration numbers. These records must be submitted to Buyer's Onsite Activity Representative at the end of each day of work.

The preferred method of dust control is by watering. If other methods of dust control are to be utilized, Seller must obtain prior approval from Buyer's EHS Department. During periods of work stoppage, temporary stabilization of all disturbed surfaces must be implemented.

At the completion of the project, final stabilization must occur. Final stabilization can include: paving with asphalt or concrete, applying gravel or crushed stone in sufficient quantity to cover disturbed areas, establishing a vegetative cover, or watering until a crust is established and then limiting vehicle access to prevent re-disturbance.

*(C) Water Quality*

No chemicals or hazardous materials shall be discharged into any drain, sanitary sewer system, sink, water retention basin, dry well, or onto the ground. Any releases of water (e.g., from testing of or draining of water from fire, cooling, irrigation, and sewer lines), must be approved by Buyer's EHS Department prior to discharge.