



Moderate Risk Job Safety Analysis

This form must be completed by the contractor and submitted to the Project Specialist (PS)/Technical Representative for approval prior to work commencement. In addition, this form must be maintained at the site where work is being performed. The scope of work and all MSDSs must be attached to this JSA before it may be reviewed and signed as reviewed.

Project/Job Title _____

Contract Number _____ Building/Area _____

Contractor	Argonne
Contractor _____	Project Specialist/ Technical Rep _____
Project Manager _____	Phone No. _____
Phone No. _____	Alternative No. _____
Alternative No. _____	Div. ES&H Coordinator _____
Foreman _____	Phone No. _____
Phone No. _____	Alternative No. _____
Alternative No. _____	Other _____
ESH Rep. _____	_____
Phone No. _____	_____
Alternative No. _____	_____
Contractor-Designated Competent Person	Argonne Reviewers
Discipline _____	Project Specialist/Technical Representative _____ Date _____
Employee Name _____	Division ES&H Coordinator _____ Date _____
Discipline _____	Optional SME Reviewers
Employee Name _____	SME (as needed) _____ Date _____
	SME (as needed) _____ Date _____
	SME (as needed) _____ Date _____
	SME (as needed) _____ Date _____

Phase of Work	Safety Hazard	Controls for Hazards
Use of hand tools	Broken or Unauthorized Tools	All tools and equipment must be inspected by Argonne PS/Tech Rep prior to use. Any tool or piece of equipment deemed unsatisfactory will be tagged and removed from the worksite. Any tool or piece of equipment that leaves the Argonne site will have to be re-inspected upon its return. GFCIs must be used on all portable electrical equipment, 125v or less. Extension cords must be at least 14ga.
Using Portable Ladders (e.g., A-frame, straight, or extension)	Falls	Before use, check the load rating of the ladder, to make sure the ladder can support the combined weight of the user, the weight of tools, and the weight of any material that will be placed on the ladder. This includes the weight of anything that may be supported by the user. All portable ladders must be non-conductive (dry wood, fiberglass, resin). Ladders must be inspected prior to each use. Workers using ladders shall not work above the rated working height. All extension ladders will be tied off at the top. Another worker will secure the ladder while it's being tied off.
Delivery of materials or equipment	<p>Gap between delivery vehicle and the dock</p> <p>Stepping off the edge of a tail or lift gate</p>	<p>When utilizing a dock, trucks must be backed to the dock to minimize hazardous gaps.</p> <p>Dock plate or dock levelers must be used to bridge when the gap between the vehicle and the dock creates a hazard for the equipment or materials being transferred.</p> <p>Make shift dock plates/bridges are not allowed.</p> <p>Do not overcrowd the area of the lift gate. Always leave enough room for the employee to safely maneuver themselves and material/equipment being transferred.</p> <p>Working or standing on the tailgate while loading or unloading equipment or material is prohibited.</p>
Handling of Chemical/Products	Chemical exposure.	Submit for review by Argonne personnel, all MSDSs for materials that will be used on site by the contractor. These MSDS(s) must be submitted with this JSA for review prior to approval. Review and adhere to MSDS(s) before handling chemicals/ products. MSDSs must be at the job site attached to the JSA. If additional PPE is prescribed within the MSDS, the contractor must acquire and utilize the additional PPE.

Material Safety Data Sheets (MSDS)

Hazardous materials to be used on this site are:

- 1. _____ 3. _____ 5. _____
- 2. _____ 4. _____ 6. _____

Argonne Contractors Requirements for Moderate Risk Projects

- 1. All contractor personnel assigned to work under moderate risk contracts on the Argonne site will attend the Argonne Contractor Safety Orientation (CSO) for service contracts. The contractor must maintain proof of this training on his/her person by carrying the CSO Argonne card, provided by the instructor. The contractor must provide proof of this training to the Argonne or DOE representative when requested.
- 2. The contractor must have an ESH Representative on site at all times when work is being performed.
- 3. All contractor personnel must attend building/area orientation in relation to their scope of work to ensure they are aware of shelters during severe weather or emergency evacuation meeting points as well as any other special conditions in relation to the specific building/area.
- 4. The contractor must report in daily, by 8 am, the number of employees he has on site by calling 630-252-7200. Additional information required includes the building number or area where the work is being done as well as the contract number. In addition, notification to the PS/Tech Rep of arrival and departure is required.
- 5. Imminent danger violations will result in an immediate 6-month suspension. Other lesser violations will receive “tickets” and/or other penalties per the contract.
- 6. In case of any injury or illness, no matter how minor, contact the Argonne National Laboratory Fire Department by calling (inside line) 911 (by cell phone) 630-252-1911. The Tech Rep/PS must also be immediately informed of the situation.

Review of Emergency Routes and Assembly Point:

Emergency Phone Number* Argonne Phone – 911.....Cell Phone 630-252-1911

Location of assembly point:

Location of Tornado Shelter _____

*This information to be provided by the Argonne PS/Tech Rep.

Basic Safety Rule Reminders:

- 1. Hard hats must be worn where there is a potential of falling objects, or bump hazards. All hard hats must comply with ANSI Z89.1, American National Standard for Industrial Head Protection.
- 2. Safety glasses with side shields are required to be worn at all times. All safety eyewear must comply with ANSI Z87.1, American National Standard Occupational and Educational Personal Eye and Face Protection Devices.

