

Attachment F5-2, FOD Site Hazard Analysis and Coordination Requirements

Summary Information			
Project Name			
Location TA	Bldg	Room(s)	SR
Summary of Work Scope			
FOD Rep Name			FOD Rep Z#
FOD Rep Signature			
FOD Rep Signature Date			FOD Signature Expiration Date
Project Scoping Meeting and/or Walk-Down Team Members			
Requester Name			STR Name
Safety Rep Name			OSH-DS Name
IH Rep Name			RP Name
DEP Name			WMC Name
ESO Name			Other Role & Name
Other Role & Name			Other Role & Name

Marking Y for any item indicates subcontractor is expected to take action and/or consider the information for work planning; if Y is not marked it means item is not present at work location or not applicable to work scope			
Y	Item	Y	Item
Facility and Other Access and Work Control Requirements			
	Entry/coordination requirements		Attend FOD Plan of the <input type="checkbox"/> Day <input type="checkbox"/> Week
	Work must be scheduled with the FOD		Confirm coordination w/ <input type="checkbox"/> space owner <input type="checkbox"/> FOD daily
	Personnel access point check-in and check-out		Adjacent work coordination required (list below)
	Vehicle access check-in and check-out		FOD-designated POC must initially sign IWD Part 3
	<input type="checkbox"/> Check-in daily <input type="checkbox"/> check-out daily		FOD coordination or hold points required (list below)
	<input type="checkbox"/> Security clearance <input type="checkbox"/> escort from <input type="checkbox"/> FOD <input type="checkbox"/> subctr		Adjacent work coordination required (list below)
	Non-security related escort required		Affected operations-systems coordination (list below)
	Facility/location-specific training required		Active fire suppression system in area
	FOD Building Emergency Plan briefing required		No access to fire hydrant or water source
	Protect sensitive, high \$\$ equipment		Outage coordination for fire protection
	Coordinate use of LANL-owned equip required		Outage coordination ventilation

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Safety Concerns			
	Lockout/tagout coordination <input type="checkbox"/> mechanical <input type="checkbox"/> steam <input type="checkbox"/> hydraulic <input type="checkbox"/> pneumatic <input type="checkbox"/> capacitors <input type="checkbox"/> batteries <input type="checkbox"/> electrical <input type="checkbox"/> chemical		Facility fixed industrial ladder use allowed Stairwell access to roof
	Electrical power available for use		Elevated work surfaces without access points
	Active cranes or overhead equipment in area		Elevated surfaces unprotected
	Forklifts and other materials handling equip in area		Elevated surfaces protected (parapet/guardrails)
	Earth moving equipment active in area		Elevated surfaces with designated areas
	Drop ceiling access or other hidden hazards		Elevated surface load limits not posted/determined
	Powerlines or other overhead obstructions		Inadequate lighting in area
Industrial Hygiene			
	Notify FOD if asbestos in area disturbed		Nanoparticles – access coordination required
	Unique alarm systems (O ₂ , LEL, hydrogen)		Non-ionizing radiation – coordinate shutdown
	Cryogen use in area – evacuate if alarm		Magnet use area – coordinate shutdown
	Metals surface contamination area		Explosives area access instructions & coordination
	Lead, cadmium, or chromium pigment in paint		Class 3B or 4 laser lab – coordinate shutdown
	Beryllium area – LANL to downgrade before start		Biosafety lab (BSL-1 or BLS-2) access coordination
	Carcinogen regulated area – LANL secure before start		Potentially infectious material – sewage, wastewater
	Chemicals in area – LANL “safe” before start		Potentially infectious material – rodents nest, etc.
	LANL IH characterization done before/during work		No access to eyewash and/or safety shower
	Chemicals contained in equipment (list below)		Pest control needed from LANL before work start
	Mercury/PCB may be present in systems/equipment		No access to bathrooms or drinking water
	Hearing protection required in area		Thermally hot or cold location
	Confined space access Types <input type="checkbox"/> permit-required <input type="checkbox"/> C7 <input type="checkbox"/> C5 List numbers:		HE Hazardous Work Permit (Form 3005) required Area known to contain high explosive hazard
Waste Management and Environmental Requirements		Radiation Protection	
	Waste management provided by <input type="checkbox"/> FOD <input type="checkbox"/> EPC-WMS		Radiological controlled area or legacy rad area
	Waste sampling required before work start		RAD training <input type="checkbox"/> GERT <input type="checkbox"/> RAD Worker
	Waste accumulation area coordination required		RAD trained-escort <input type="checkbox"/> GERT <input type="checkbox"/> RAD Worker
	Laydown area input required from <input type="checkbox"/> FOD <input type="checkbox"/> EPC-WMS		Radiation work permit provided by <input type="checkbox"/> FOD <input type="checkbox"/> ESH _{CPCS}
	Water other liquid discharge coordination required		Full-time RCT coverage provided by <input type="checkbox"/> FOD <input type="checkbox"/> ESH _{CPCS}
	Work involves NPDES CGP or MSGP ¹		Rad surveys required; done by <input type="checkbox"/> FOD <input type="checkbox"/> ESH _{CPCS}
	Work in/within 100ft of Consent Order Site boundary		Exit monitoring required by LANL RP

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Air quality reports to <input type="checkbox"/> FOD <input type="checkbox"/> ESH _{CPCS} <input type="checkbox"/> EPC via STR	Respiratory protection required by LANL RP		
Biological resources protection anticipated	TLD or other radiation dosimeter required		
Cultural resources protection anticipated	Radiation generating device – coordinate shutdown		
FOD-Mandated PPE Required for Entry			
<input type="checkbox"/> Safety glasses	<input type="checkbox"/> Hardhat	<input type="checkbox"/> Anti-contamination	<input type="checkbox"/> Nitrile or latex gloves
<input type="checkbox"/> Security vest	<input type="checkbox"/> High visibility vest	<input type="checkbox"/> Booties	<input type="checkbox"/> Lab coat
<input type="checkbox"/> Safety shoes	<input type="checkbox"/> Earplugs (min NRR)	<input type="checkbox"/> Face shield	<input type="checkbox"/> Hood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Notes:

¹Construction activities that disturb ≥1 acre; project footprint > 5000 ft²; work within a floodplain, wetland, and/or watercourse anticipated, project located within a MSGP site

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High Explosive (HE) Hazard Acknowledgement

If work area is known to contain high explosive hazards then all subcontractor and lower-tier subcontractor personnel are to review and sign the HE acknowledgement, adding additional signature pages if needed.

I acknowledge that I have received notice of the presence and associated hazards of working within proximity of high explosive materials and by signing below, hereby agree to accept the risk of working within proximity distance of high explosive materials.

[illegible]

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Instructions for Use

Subcontractor

- Information in this form does not create requirements that are not otherwise addressed in the subcontract Exhibit F; it is intended to assist with work scoping and planning
- Receives a copy of Attachment F5-2 for each distinct work location with either the requisition package or task order if associated with a basic agreement
- Includes the Attachment F5-2 with work control documents

FOD Representative

- Participates in the project scoping meeting and/or walk-down and signs Attachment F5-2
- Determines scoping/walk-down team necessary to adequately identify and address hazards-controls for site(s); includes CPCS deployed ESH personnel for all construction-related projects regardless of location

Subcontract Technical Representative

- Convenes team and coordinates project scoping meeting and/or walk-down

Scoping Meeting/Walk-Down Team Members

- Contribute to the completion of the Attachment F5-2

Additional Notes

- Complementary LANL processes such as a New Activity Review, New Activity ALARA Review, or LANL Integrated Review Tool and Permits and Requirements Identification process should be initiated prior to, or in concert with the project scoping meeting and/or walk-down
- Marking Y for any item indicates subcontractor is expected to take action and/or consider the information for work planning; if Y is not marked it means item is not present at work location or not applicable to work scope