NORTHERN ARIZONA UNIVERSITY | Environmental Health and Safety

Construction Safety for NAU Staff

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I. Program Goals and Objectives

This program establishes minimum guidelines for safety and accident prevention during construction and renovation activities by Staff/Employees at Northern Arizona University (NAU). And it identifies safety roles and responsibilities for staff and supervisors in accordance with Arizona Administrative Code R2-10-207(12), University Environmental Health and Safety (EHS), OSHA, Contracts, Fire Marshal, and other applicable policies and regulations.

II. Scope and Application

The Construction Safety Program applies to NAU Employees/Supervisors who perform construction or renovation activities on behalf of NAU. OSHA regulations require that employers provide a safe and healthful working environment for employees. Construction workers or other employees may be at risk due to construction activities. As a public entity, NAU should also extend the safeguards to the public that visit these sites to conduct business. In general, it is the duty of the NAU supervisor responsible for the work to assess work areas (i.e., Construction areas) for potential hazards and to ensure that appropriate and effective hazard controls are in place before proceeding.

Construction activities are defined as, the process(es) of building, altering, repairing, improving, or demolishing any public structure or building or other public improvements of any kind to any public real property. It is not routine operation, routine repair or routine maintenance of existing facilities, structures, buildings, or real property. Nor is it the investigation, characterization, restoration, or remediation due to an environmental issue of existing facilities, structures, buildings, or real property.

If agency employees participate in repairs, renovations, demolition, or new construction on a State-owned or occupied building, site, or property, a Construction Safety and Security Program is required.

If construction activities are planned in a leased building, the building owner/manager is required to share safety information. NAU is responsible for the safety of employees. Following receipt of information from the owner, project supervisors must advise employees of hazards and communicate measures that may be implemented to ensure employee and visitor safety. If building owners do not share safety information, NAU EHS should be contacted to perform a hazard assessment or worksite safety inspection before proceeding.

When present, Contractors retain responsibility for the safety of their work area, employees, and any NAU staff, faculty, or students they encounter or who are affected by the work they perform. Contractors are accountable for maintaining regulatory compliance, implementing effective safety programs, providing adequate training to workers/site entrants, and adherence to all regulatory or campus safety requirements. NAU employees entering contractor-controlled construction areas are responsible to the contractor for adhering to contractor safety standards and expectations while on-site, and the Contractor is responsible for informing NAU entrants of any known or potential hazards, and for enforcing safe behaviors by NAU staff in the same manner as all other site entrants.

III. Roles and Responsibilities

A. NAU Employees and representatives

i. Campus staff

a. Adhere to all NAU (or Contractor) site safety requirements when visiting/entering construction areas.
b. Participate in all required safety training, site orientation, or task specific instruction before entering or working in construction areas.
c. Use all required PPE or safety devices while entering, inspecting, or performing construction tasks.
d. Report any noted unsafe conditions, incidents, injuries, or near misses to the employee supervisor. Injuries must be reported through the NAU online Report of Injury (ROI) system.

ii. Campus Supervisors

a. Assess planned or active construction areas for existing or potential hazards, and implement appropriate controls to protect workers, observers, and building occupants (EHS can provide assessment assistance and hazard control guidance upon request).
b. Ensure employee adherence to all NAU (or Contractor) site safety requirements when visiting/entering construction areas.
c. Assign and confirm employee completion for required safety training, site orientation, or task specific instruction required to complete assigned work tasks safely and legally.
d. Assign and confirm employee use of any required PPE during construction activities.
e. When applicable, communicate with contractors and hold employees accountable for adherence to contractor safety requirements.
f. Report any noted unsafe conditions, incidents, injuries, or near misses to the NAU project Supervisor or EHS. Injuries must be reported through the NAU online Report of Injury (ROI) system.

iii. Project Supervisors and campus representatives who manage construction

a. Ensure worker adherence to all documented and articulated safety requirements. Notify supervisors and EHS of all incidents, injuries, and near misses as well as serious or repeated violations of safety requirements.
b. Coordinate between workers/supervisors and end users for shutdowns, lockout/tagout, hot work permits, confined space entries, fire protection or detection system impairments, or any other tasks requiring authorization, permitting, support, or intervention.
c. Partner with Risk Management, EHS, Fire Marshal, NAUPD, Access and Equity, and other authorities to address site safety concerns during construction activities.
d. Work with campus authorities to determine and notify supervisors/workers of known hazardous conditions and provide site-specific information, such as confined spaces, asbestos/lead/pcb, rooftop anchor certifications or similar.
e. Contact/coordinate with laboratory representatives/PIs to obtain hazard information, personal protective equipment requirements, and any other critical information when work involves access into laboratory spaces. Ensure the work can/will be performed safely before authorizing work to begin or continue.
f. Participate in hazard awareness training for any potentially encountered worksite hazards.

iv. Contracts, Purchasing, Risk Management, EHS, Fire Marshal, NAUPD, other campus safety authorities

a. In cooperation with project supervisors, maintain and make available to campus staff any Construction Safety Program documents, contact lists, site control/entry requirements, or other pertinent worksite safety information.
b. Provide guidance and technical assistance as needed, including assisting staff in interpreting safety plans, and notifying supervisors if safety violations are noted.
c. Represent NAU safety and liability interests during scheduled project planning meetings.
d. Perform periodic scheduled or unscheduled site visits to audit compliance with OSHA or other regulatory requirements and ensure safety of NAU employees (This is not a product quality or management inspection).
e. Exercise stop work authority (see section IV. - D) when immediate dangers to NAU staff, students, faculty, campus visitors, or property are identified and time to remedy the situation is required before restarting work.
f. deliver hazard awareness or performance-based training to NAU employees based on supervisor or EHS identification of worksite hazards related to assigned staff activities. (This training may not satisfy departmental work process requirements).
g. Review, audit, and revise this program as necessary.

B. Contractor (When present on shared work projects)

i. Adhere to this program, Applicable NAU technical standards, and the NAU EHS Policy.
ii. Adhere to the terms laid out in the signed contract, PO, task order, or other signature-required documents while executing work.
iii. Responsible for following and enforcing their own Safety and Health Program on all site entrants, and complying with all federal, state, and local laws. Responsible for complying with any site-specific requirements established within NAU's Contractor Safety Program or Hazard Communication documents.
iv. Provide an emergency contact list including a safety representative or individual responsible for addressing campus safety concerns.
v. Depending on the nature of the work, submit a site-specific safety plan based on a documented worksite hazard assessment which addresses any known, anticipated, or potential safety hazards and includes hazard control, training, and PPE requirements. The plan should be readily available to workers, site entrants, Project supervisor, and EHS.
vi. Ensure all employees have the proper knowledge and training to meet the general safety requirements for the project, as well as any required task-specific training, and access to required personal protective equipment. Proof of training must be available upon request.
vii. Ensure all subcontractors adhere to all safety and health requirements.
viii. Report all incidents, injuries, and near misses to the NAU Project Supervisor and OSHA, if applicable.

IV. General Requirements

The general requirements apply to all employee or contractor performed construction subject to this program.

A. Housekeeping

i. Work areas, passageways, and doors must be kept free of debris, combustible waste materials, and other hazards to allow for unobstructed egress.

ii. Debris should be removed daily and should be eliminated in all areas where there is not an active sprinkler system.
iii. Separate waste containers must be maintained for flammable or hazardous wastes, including (not limited to) oily and used rags.

B. Pandemic safety plans and procedures

i. During public health crises, such as COVID-19, site-specific safety plans and procedures are expected to address guidelines and best practices provided by NAU and/or the Centers for Disease Control and Prevention (CDC) the Occupational Safety and Health Administration (OSHA), and any ordinances and executive orders set forth by the federal, state, or local government; whichever is the most stringent.
ii. Plans and procedures must at least comply with applicable NAU policies or procedures and must be implemented prior to the commencement of work.
iii. Plans and procedures must be communicated to employees and any affected personnel (e.g., subcontractors, NAU staff, faculty, students).

C. Site safety

i. The work performing department must adhere to a safety standard applicable to the work performed at NAU. This standard may range in size and detail depending on the scope and scale of work. Contents and requirements of the safety standard must be based on a thorough job site/hazard assessment (for simple tasks, the hazard assessment may serve as the safety standard). Both the safety standard and hazard assessment must be available at the site and must be made available to other NAU staff who enter the work site.
ii. Establish and enforce site specific personal protective equipment requirements for all personnel, visitors, and NAU employees.
iii. If hot work is performed, or if fire detection/suppression systems are deactivated, worksites must have fire extinguishers readily available.
iv. Smoking, including the use of electronic cigarettes and vaping, is prohibited on NAU property (including all outdoor areas).
v. Safety Data Sheets (SDS) must be readily available for all chemicals/hazardous materials present at the worksite.
vi. The project supervisor should inform workers/building occupants of emergency contact information and procedures prior to the start of work.
vii. Do not prop or leave doors open in work areas when the area is not attended.
viii. On construction and renovation worksites, the department must post a sign indicating the worksite supervisor or appointed safety representative's contact name and phone number, in a conspicuous location.

D. Stop-work authority

i. NAU employees have the authority to stop work or request that EHS stop work if unsafe acts or conditions are observed.
ii. Workers are required to stop work immediately if requested to do so based on safety concerns.
iii. It is the responsibility of the supervisor to take corrective actions to ensure that conditions are safe prior to resuming work. EHS can provide guidance on appropriate mitigations upon request.

V. Specific Requirements

The specific requirements apply to NAU performed work in any of the following categories. This list represents some of the most common hazards/requirements but is not exhaustive. It is the supervisor's responsibility to be aware of and ensure compliance with any applicable safety or environmental compliance regulations while performing work on campus.

A. Aerial work platforms

i. At a minimum adhere to NAU's Aerial Lift Safety Program.
ii. Operators must be trained and authorized, and training documentation must be readily available upon request.
iii. Aerial work platforms must be up to date on all routine service and inspections and must be inspected by the authorized operator prior to operation.

B. Asbestos and Hazardous Building Materials

i. The project supervisor is responsible for contacting NAU EHS prior to the start of work to request hazard information including the presence/absence and location of asbestos/lead/pcb/silica. EHS will provide a written report documenting this information and recommendations for hazard avoidance or mitigation. This report should be shared with all involved work personnel.
ii. Hazard Mitigation/abatement of asbestos/lead/pcb will be managed by NAU unless otherwise specified. The project supervisor is responsible for working with EHS to determine appropriate scope, and for acquiring hazard mitigation services when required. Copies of all regulatory permits, third party inspection/monitoring and abatement closeout reports, and waste manifests must be provided to EHS.
iii. NAU workers who perform removal of asbestos/lead must complete the appropriate level of worker training/certification prior to commencement of work.
iv. NAU workers who clean up asbestos containing debris, or who contact with asbestos without disturbing or removing it, must complete asbestos awareness training prior to the commencement of work.
v. Any asbestos waste generated through NAU performed work must be wet, sealed in airtight containers (Double layer trash bags), and transferred to NAU EHS for disposal as asbestos containing waste.

C. Confined spaces (29 CFR 1926 Subpart AA and CFR 1910.146)

i. Notify the project supervisor prior to any activities involving confined spaces.
ii. Work must adhere to NAU's Confined Spaces Program and OSHA Guidelines for work in Confined Spaces. All confined space pre-entry evaluation and monitoring must be properly documented (See NAU EHS website for forms and program information)
iii. No entry may be performed until EHS and the project supervisor are notified and have confirmed that the appropriate pre-entry procedures have been completed.
iv. The project supervisor must authorize the entry prior to its occurrence.
v. For construction projects, workers must adhere to OSHA construction standards and notify the project supervisor of the addition, removal, or change to confined spaces on NAU property.

D. Cranes and rigging

i. Crane lift and logistics plans must meet the requirements of NAU's crane safety program and be reviewed by the project supervisor, or EHS. Critical lifts, which are defined as:

a. Loads 75% or more of the rated crane capacity
b. 2 or more cranes required to perform a lift
c. Movement of crane carriage with a load
d. Use of personnel platforms
e. Sensitive loads
f. Hoisting loads over occupied buildings, or
g. Work involving encroachment on a public right-of-way

must be reviewed and approved on a case-by-case basis by the supervisor or EHS and coordinated with any affected personnel.

ii. Lift plans must include swing radius protection, nearby power lines, overhead hazards, pedestrian/vehicle traffic, taglines, methods of communication, weather operating parameters, staging/hoisting areas, and safety procedures.

iii. Building floors directly below any rooftop landing area or any other work area below hoisting operations must be evacuated during operations.

iv. The NAU Fire Marshal must be notified if crane operations will block or partially block fire lanes.

v. Coordinate with NAU Utilities department to locate underground tunnels, utilities, and hazards and verify ground conditions can support crane operations prior to commencement.

vi. Cranes and equipment must be current on all routine maintenance and inspections and be inspected by the crane operator prior to each shift.

vii. Crane equipment certifications must be current and valid. Copies of certifications must be kept on-site and be available upon request.

viii. Crane operators, riggers, and signal persons must have valid licenses and certifications and must be available upon request.

ix. Coordinate with the project supervisor to ensure that interim measures are developed for building occupants when any building exit is blocked by crane operations. The NAU Fire Marshal must approve Interim Life Safety Measures.

x. Crane lifts must:

a. Adhere to items ii-x of this section.
b. Notify EHS of any critical lifts as defined in this section.

E. Control of hazardous energy - lockout/tagout (29 CFR 1926.417 and 1910.147)

i. For any work requiring access to, isolation, de-energization, or repair to hazardous energy sources (Electric, Steam, High temp hot water, Natural gas, confined potential energy, etc), Supervisors/workers must coordinate all lockout/tagout activities with the project supervisor and at a minimum must meet the requirements of NAU's Hazardous Energy Control Plan (HECP) and OSHA's Control of Hazardous Energy (Lockout/Tagout) requirements.

a. **Prior to any access to electrical panels or equipment which involves removal of covers (even if no work or contact is anticipated), workers or the project supervisor must contact the NAU electrical department for authorization to proceed and guidance on appropriate work practices or precautions.**

ii. Lockout/tagout activities must be completed as a group lockout/tagout if multiple persons, vendors, or entities are involved. NAU Facilities or maintenance workers will shut down machines, equipment, and systems, or work with project staff to ensure proper shut down prior to start of work. Then all parties will apply their locks.

iii. Contractors involved in staff performed projects are responsible for supplying their own locks and tags. These devices must meet OSHA requirements.

F. Dust / odor control

In the event demolition and construction activities may potentially create dust and odors that adversely affect contractor personnel, staff, students, or people in adjacent areas, NAU project supervisors must:

i. Implement a dust/odor control plan during demolition or other dust/odor generating work.
ii. Evaluate the spaces and areas they will be working in and identify hazards that will contribute to airborne particulates or odors.
iii. Identify and implement effective dust and odor control methods, such as water, ventilation, tools equipped with dust collection systems, sweeping compound, or barriers, prior to the start of work.
iv. Monitor adjacent areas as work proceeds. Modify dust and odor control measures if found to be ineffective.
v. When demolishing or using products with crystalline or fused silica, adopt a silica exposure control plan.
vi. Provide and ensure workers use the appropriate personal protective equipment for dust and particulate related work.

G. Electrical (29 CFR 1926 Subpart K and 1910 Subpart S)

i. All electrical work must be performed de-energized. The only exceptions being testing/diagnosis operations, work on life sustaining equipment, or when de-energizing creates a greater hazard than live work. If live work is required, it must first be authorized by the NAU Electrical shop, who will provide guidance on safe work procedures or activity restrictions. All work must adhere to OSHA and NFPA 70e regulations for energized electrical work. The electrical shop will also determine the level of PPE which is required.
ii. Work on or within cabinets with live electrical equipment may only be performed by trained electrical workers who have successfully completed competency level training for the electrical work in question as well as general “Competent electrical worker” training. Training must be valid and in-date to be considered adequate.
ii. Control access to passageways, mechanical rooms, and other worksites where electrical work is being performed to prevent entry by non-involved persons.
iii. only electrically insulated tools, ladders, and other equipment is permitted. Use of tools or equipment not specifically rated for electrical use is prohibited.

H. Fall protection (https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.501 and https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.140)

i. NAU project supervisors and workers must at a minimum meet OSHA Fall Protection requirements.
ii. Any workers exposed to fall hazards 4 feet or greater must complete NAU fall protection training prior to exposure to fall hazards.
iii. Implement a fall protection plan under the supervision of a competent person or EHS representative and provide fall protection when workers will be exposed to fall hazards 4-feet or greater in height (e.g., roofing work, steel erection leading edges, or similar).

iii. Protect employees from fall hazards with the use of guardrails, gates, covers, personal fall protection systems, lifelines, or other effective means deemed appropriate to eliminate or reduce the hazard.

I. Fire detection and protection impairments

i. Impairments to existing sprinkler systems, fire detection systems, fire pumps, special fire protection systems, or similar must be performed by qualified personnel and only upon approval from the NAU Fire Marshal.

ii. Notify the Project Supervisor if any impairment is necessary.
iii. When possible, plan impairments when the building or affected area is not occupied.
iv. Plan for temporary protection as necessary including, but not limited to, a fire watch and extra fire extinguishers. Temporary measures and fire watches should meet the requirements of IFC chapter 33.
v. Hot work is prohibited while fire detection and protection systems are impaired. Requests for exceptions must be submitted to and approved by the NAU Fire Marshal.

J. Fire prevention

i. NAU performed construction and renovation work must adhere to NAU's Fire Prevention program (https://in.nau.edu/wp-content/uploads/sites/139/2019/09/FIRE-SAFETY-MANUAL-9-2019.pdf) and to IFC Chapter 33.
ii. Provide fire extinguishers appropriate for the conditions and hazards present in construction areas.
iii. Remove all trash and refuse from worksites daily.
iv. If a fire prevention deficiency is noted by the Fire Marshal, Project Supervisor, or other authority, work shall be stopped until the deficiency is addressed.
v. Temporary heating devices on construction sites must be located at least 10-feet from combustible materials. Fresh air must be supplied in sufficient quantities to maintain the health and safety of workers. Heating device use must adhere to manufacturer guidelines for safe use. Solid fuel salamanders are prohibited inside buildings and enclosed spaces.

K. Hazard communication

(https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiPtpbLhZLwAhWIvJ4KHc87CWEQFjAAegQIAhAD&url=https%3A%2F%2Fwww.osha.gov%2Fpls%2Foshaweb%2Fowadisp.show_document%3Fp_id%3D10099%26p_table%3DSTANDARDS&usg=AOvVaw2C8zYIGiJA6qFVb0hTmzcE)

i. Project supervisors and staff must make note of and be prepared to address hazard information provided through NAU's Worksite Hazard Communication program.
ii. Project Supervisors are responsible for Hazard Communication to all employees, subcontractors, inspectors, and other site entrants.
iii. Chemical inventories and SDSs for materials on the work site must be readily available upon request.
iv. Remove and/or properly dispose of all unused and waste chemical products.

L. Hazardous waste / universal waste (https://in.nau.edu/environmental-health-and-safety/safety-programs/hazardous-waste-management/)

i. All NAU staff performed work must adhere to NAU's Hazardous Waste program and coordinate with EHS for appropriate disposal of all hazardous waste generated or removed from the worksite.

ii. Hazardous and universal waste must be labeled, handled, stored, and disposed of in accordance with applicable regulations.

M. Hot work (https://in.nau.edu/wp-content/uploads/sites/139/2019/09/FIRE-SAFETY-MANUAL-9-2019.pdf)

i. Any work involving electric or gas welding, cutting, brazing, or similar flame or spark-producing operations must adhere to NAU's Hot Work Permit program and IFC chapter 33/35 requirements for hot work.
ii. Prior to commencement of hot work, the project supervisor must request a hot work permit from the NAU Office of the Fire Marshal/Fire Life Safety department. Follow the instructions and safeguards on the permit and post the permit at the work site. Completed permits must be returned to the project supervisor.
iii. A signed copy of the permit must be posted at the work site.
iv. For renovations or work on existing buildings, coordinate with the NAU Fire Marshal to verify fire protection systems are operational and available.
v. Utilize a trained and competent fire watch with appropriate extinguishers for one hour after the completion of work to ensure reignition does not occur.

N. Material handling equipment (https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.176)

i. NAU performed construction/renovation work must adhere at a minimum to OSHA's Material Handling requirements.
ii. Equipment operators must be properly trained and authorized.
iii. Material handling equipment must be up to date on all routine maintenance and inspections and be inspected by the authorized operator prior to operation.

O. Scaffolding and ladders (https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.451 and https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1053

i. NAU performed work must adhere at a minimum to all OSHA Fall Protection/scaffold/ladder safety requirements.
ii. Erect and disassemble scaffolding under the direction of a competent person; scaffolding must support 4 times the intended load. **Scaffolds must be certified prior to initial use and inspected routinely/daily in accordance with applicable regulations. Proof of certification/inspection must be present at the work location.**
iii. Employees must be protected from falling on scaffolds 4-feet or greater in height.
iv. Falling object prevention must be utilized including, but not limited to, guardrails, toe boards, netting, or barricading.
v. Job-made ladders are not allowed on NAU performed work sites.

P. Trenching and excavations (https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.651)

i. Notify the project supervisor prior to any trenching or excavation.

ii. Adhere to all NAU (https://in.nau.edu/facility-services/dp-contract/) and Arizona Blue Stake requirements and OSHA 1926 "Subpart P – Excavations" before and during trench/excavation activities.
iii. Mark out the planned excavation site on NAU forms and maps, and on the ground with white chalk paint or flags (black when snow is present) prior to requesting blue stake.
iv. It is the responsibility of the project supervisor to maintain the integrity of blue stake markings throughout the duration of the project. Fading or damaged marks must be refreshed to avoid unanticipated utility encounters and maintain compliance with ACC regulations.
v. The Project Supervisor will provide written or verbal approval to commence digging once utilities have been located.
vi. Trenching and excavating activities must be performed under the supervision of a competent person.
vii. Identify material for protection of personnel (e.g., bracing, shoring, shielding, and trench boxes) as determined by soil type. It is the Project supervisor's responsibility to ensure regulatory compliance and worker safety.
viii. Barricades or other controls must be in place for the duration of the excavation project to protect equipment, workers, passers-by, and vehicles from fall or collapse hazards. Controls must be effective and adequate to the conditions.

Q. Working on or near live utilities (29 cfr 1926, subpart cc [1407-1444])
i. Work near live utilities (i.e., electrical, steam, etc) must adhere to OSHA power line safety requirements.
ii. Perform all utility work de-energized unless de-energizing creates a greater safety hazard. Use of Lockout/Tagout procedures (see section V-D above) are required when de-energizing utilities.
iii. If it is not safe/possible to de-energize utilities, notify the project supervisor to request/propose alternatives to be vetted by campus authorities.
iv. NAU authorization and documented safe operating procedures are required for all work on or near live utilities.

VI. Research Laboratory Access

NAU research laboratories may contain chemical, radiological, biological, laser, strong magnetic fields, or other hazards. It is imperative that workers obey all signage requirements, restrictions, and follow all protocols set forth by NAU to ensure a safe working environment. Hazard signage is required but should not be relied on as the sole source of information.

The project supervisor must obtain authorization and hazard information from a laboratory representative, such as the principal investigator, lab manager, or safety designate, and convey this information to workers prior to entry into laboratory spaces and before work can commence. The project supervisor is responsible for obtaining authorization for workers prior to entry and commencement of work.

Do not leave doors to research lab areas open/unsecured when not attended.

Workers may not disturb or move any materials or equipment in the laboratory space unless a laboratory representative provides specific approval to do so. If hazardous or unexpected conditions become present in the laboratory space, stop all work, exit the space, and notify a laboratory representative, the Project Supervisor, and EHS immediately.

VII. Incident Reporting

Workers must report all incidents (e.g., injuries, near misses, property damage) to the project supervisor. NAU EHS may conduct incident investigations to determine root cause and corrective actions and submit to the Project Supervisor and NAU Leadership if necessary. EHS will contact the project supervisor with any questions related to the investigation. All NAU employees are responsible for cooperating with NAU investigations and reporting injuries, medical emergencies, fires, property damage, or any other reportable incidents to NAU and regulatory authorities, if applicable. All incidents, including near misses, must be reported within 24 hours.

VIII. Recordkeeping

NAU Supervisors must follow all regulatory requirements for recordkeeping.

IX. Regulatory Authority

NAU will comply with Occupational Health and Safety Administration (OSHA), Environmental Protection Agency (EPA), NFPA, and other applicable codes and standards.

X. Contact

For questions, contact your Project Supervisor or NAU EHS (nauehs@nau.edu)

Appendix 1 – Contractor Safety Program Reference Index

Content	Website Address
Asbestos/Lead/PCB policy	https://in.nau.edu/environmental-health-and-safety/safety-programs/asbestos-lead-and-pcbs/
Fall Protection/Aerial Work Platform Program	https://in.nau.edu/wp-content/uploads/sites/226/2020/04/NAUFS_fallprotectionsection0160-1.pdf
Confined Space Entry Program	https://in.nau.edu/environmental-health-and-safety/safety-programs/confined-spaces/ https://in.nau.edu/wp-content/uploads/sites/226/2020/03/NAUentrychecklist.pdf
Hazardous Waste Program	https://in.nau.edu/environmental-health-and-safety/safety-programs/hazardous-waste-management/
Control of Hazardous Energy (Lockout / Tagout) Program	https://in.nau.edu/wp-content/uploads/sites/226/2020/03/NAULOTOprogram2014.pdf
NAU Fire Safety Manual	https://in.nau.edu/wp-content/uploads/sites/139/2019/09/FIRE-SAFETY-MANUAL-9-2019.pdf
Hazard Inspection/ Communication Program	https://www.nau.edu/hazard-inspection
Hot Work Permit Program	See Fire Safety manual: https://in.nau.edu/wp-content/uploads/sites/139/2019/09/FIRE-SAFETY-MANUAL-9-2019.pdf
Incident Reporting and Investigation resources	Contact NAU EHS (nauehs@nau.edu) or www.nau.edu/ehs
Material Handling/Ergonomics Program	https://in.nau.edu/environmental-health-and-safety/safety-programs/ergonomics/
Crane Safety Program	https://in.nau.edu/wp-content/uploads/sites/226/2020/05/NAU-crane-safety-Section-I-contractor-5.13.20.pdf
Guidance for Working On or Near Live Utilities	https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1407 https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1408 https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1410 https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1410 https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.1411 https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiqi5WbpdLwAhWnIDQIHcUNDhIQFjAAegQIFRAD&url=https%3A%2F%2Fwww.aps.com%2F-%2Fmedia%2FAPS%2FAPSCOM-PDFs%2FAbout%2FConstruction-and-Power-Line-

	Siting%2FConstruction-Services%2FContractor-Safety%2FDetailedReqsOSHA_CranesDerricks&usg=AOvVaw2GAWLkbSLA1Ssre5LMiY72