

Safety Information for Contractors to NCI at Frederick

Construction Personnel

While you are a contractor at National Cancer Institute at Frederick (NCI at Frederick) facilities, your safety and that of your employees is important to us.

This brochure is provided to assist you in understanding the hazards and safety policies while working at the NCI at Frederick.

The information provided applies to all contractor and subcontractor employees and is not all-inclusive of the health, safety, or environmental requirements while working at the NCI at Frederick.

Contractors will at all times remain entirely responsible for the actions and health and safety of its employees while on-site at any NCI at Frederick facility.*

* Nothing in this brochure shall confer from NCI at Frederick the responsibility for overseeing the safety and compliance of contracted employees.



Emergencies

In case of an emergency (fire, chemical, spill, or medical):

- Dial 911
- Give your exact location
- State the nature of the emergency
- Evacuate when necessary
- Notify Environment, Health, and Safety (EHS) and the Construction Administrator (CA).

NCI at Frederick

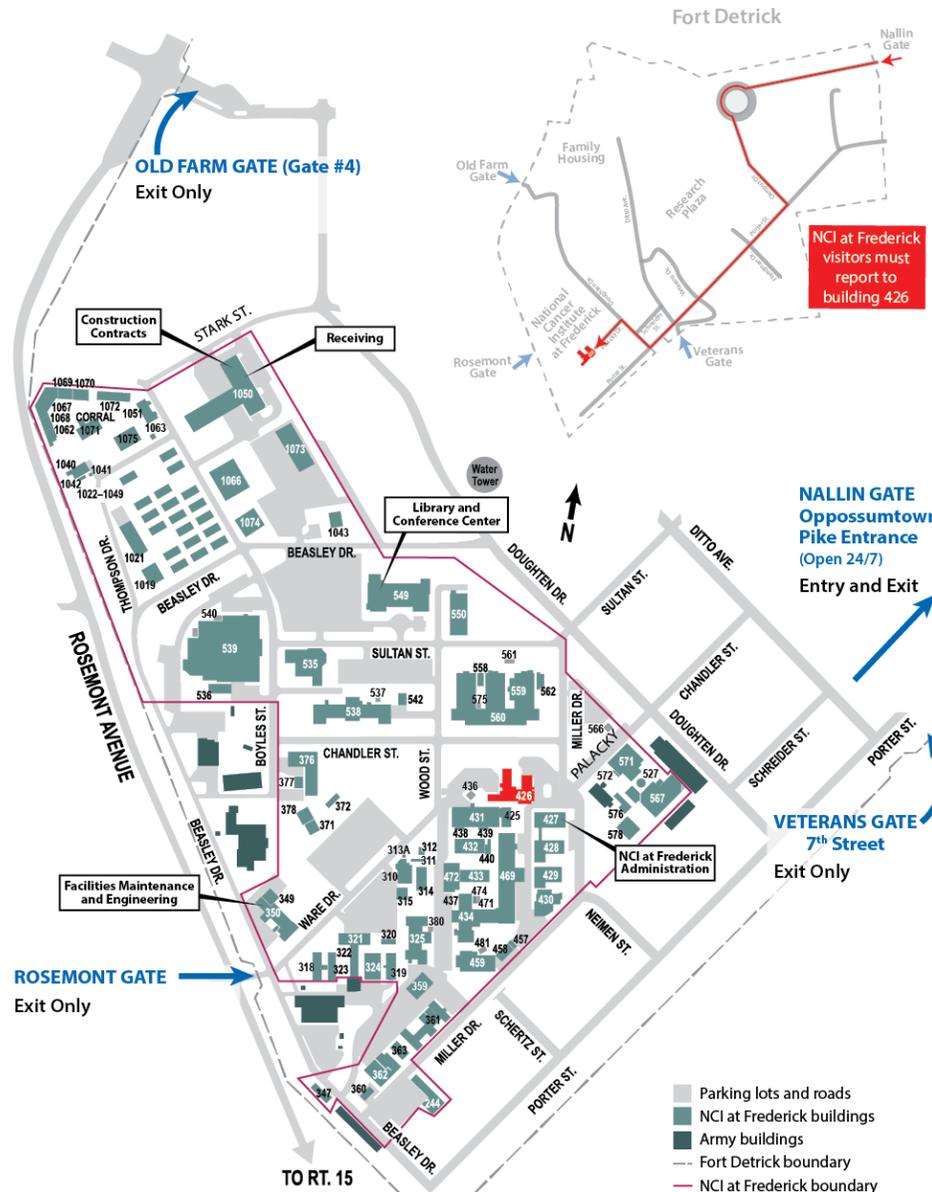
Fort Detrick, Frederick, Maryland

NCI at Frederick Access

Installation badges issued by the USAG must be worn at all times. Installation badges allow gate access and entry to designated work locations. Building access cards can be obtained from Protective Services at Building 426.

All work must be scheduled and coordinated with the Facilities, Maintenance, and Engineering (FME) point-of-contact, who will typically be the CA and/or the Project Manager (PM).

Safety considerations must be coordinated through EHS; primarily including the Construction Safety Officer (SO) and other Subject Matter Experts (SMEs) as needed.



NCI at Frederick Phone Numbers

Emergency	911
EHS	301-846-1451
CA	301-846-1068
Protective Services	301-846-1091

1 Hazards

The NCI at Frederick is a biomedical research and development facility. Biological, chemical, radioactive, physical, industrial, and general safety hazards are common at the NCI at Frederick.

Signs are posted across campus to alert workers of specific hazards, use restrictions, personal protective equipment (PPE) and administrative requirements. While signs do not list every hazard and do not replace training or practice, there are no exceptions to observing signage.

For tasks being performed by contractors, a comprehensive, project-specific Safety Plan must be prepared and approved before work can begin. At least five days must be given for acceptance of Safety Plans.

The Safety Plan helps to ensure that contractors will provide their employees with adequate protection from hazards that are inherent to the tasks being performed.

2 Regulatory Requirements

Contractor work at the NCI at Frederick must comply with requirements from Federal and State Agencies, including:

- Occupational Safety and Health Administration (OSHA) – particularly *OSHA 1926, Safety and Health Regulations for Construction*
- United States Environmental Protection Agency (USEPA)
- United States Department of Transportation (USDOT)
- Maryland Occupational Safety and Health (MOSH)
- Maryland Department of the Environment (MDE)

3 Hazard Communication (HAZCOM)

All workers at the NCI at Frederick, including contractors, have access to the Safety Data Sheet (SDS) of any hazardous chemical to which they may be exposed.

Contractors at the NCI at Frederick are required to provide an SDS and *Chemical Usage Report* before bringing any products or chemicals onto the NCI at Frederick.

All containers containing products or chemicals must be labeled to identify its contents and the appropriate hazard warnings.

4 Asbestos and Lead

Areas of the NCI at Frederick that are known to contain asbestos or lead are inventoried by EHS. All precautionary statements at posted locations must be observed. Never disturb suspect asbestos or lead coated material; notify the CA or EHS immediately. EHS can also collect samples for asbestos and lead analysis upon request.

Construction work where a contractor may be occupationally exposed to asbestos or lead must adhere to OSHA 1926.1101 and 1926.62, respectively.

5 PPE and Life Saving Equipment

In accordance with OSHA's general personal protective equipment (PPE) requirements, contractors shall assess the workplace to determine if hazards are present, or are likely to be present, which necessitate the use of PPE.

Contractors must also select, and have each affected employee use, the types of PPE that will protect the affected employee from the hazards identified.

The minimum PPE requirement for contractors will include: long pants, shirts, safety shoes, safety glasses, hard hats, and gloves.

Additional PPE and lifesaving equipment requirements may be necessary depending on the task and work location.

Use of all PPE and lifesaving equipment must conform to OSHA 1926 Subpart E, and other relevant OSHA and consensus standards, including:

- American National Standards Institute (ANSI)
- National Fire Protection Association (NFPA)

6 Fire Protection and Hot Work

Per OSHA 1926.150, construction contractors are required to establish a fire protection program through all phases of construction or demolition work. Any work involving burning, welding, or similar operations capable of initiating fires or explosions requires a Hot Work Permit issued from Fort Detrick Fire and Emergency Services.

7 Traffic Control

Signs, signals, flaggers, and barricades will be used by construction contractors as needed and in accordance with OSHA 1926 Subpart G.

8 Materials

Materials handling, storage, use, and disposal during construction shall comply with OSHA 1926 Subpart H.

9 Tools

All tools and equipment will be in safe condition, suitable for the work being performed, used as intended, and guarded and handled as presented in OSHA 1926 Subpart I.

10 Electrical Safety and LOTO

Energized electrical work beyond voltage testing and troubleshooting is typically not permitted, and requires an energized electrical work permit that must be approved by EHS and FME. Power outages must therefore be planned.

Overall electrical safety must be conducted in accordance with OSHA 1926 Subpart K and NFPA 70E. Of note:

- Ground-fault circuit interrupters (GFCIs) must be used with all portable hand tools.
- Extension cords and welding leads must be in good condition and the appropriate length (no piggy backing cords)
- Employees must have appropriate training on voltage testing equipment and have PPE in accordance with NFPA 70E.

11 Fall Protection and Elevated Work

Any elevated work above 6 feet for construction activities and 4 feet for maintenance requires an Elevated Work and Fall Protection Plan to EHS within their overall Safety Plan. This includes work where employees will be subject to fall protection; work from scaffolds; or operating man, boom, or scissor lifts, etc. In addition:

- Fall protection for construction work must comply with OSHA 1926 Subpart M and EHS policy.
- Work from scaffolds must comply with OSHA 1926 Subpart L.
- Metal Ladders are not permitted at NCI at Frederick unless specifically exempted by EHS on a case by case basis.

Elevated work and fall protection plan templates are available from OSHA or EHS upon request.

12 Confined Spaces

There are over 1,000 confined spaces at NCI at Frederick; the inventory is kept by EHS. Work requiring entry to a confined space must be communicated with the EHS Confined Space Coordinator, and all requirements of OSHA 1910.146 and OSHA 1926 Subpart AA must be followed for confined space entry.

13 Cranes and Derricks

All work from cranes and derricks must comply with OSHA 1926 Subpart CC or Subpart DD.

14 Applicability

Note that the safety requirements presented in this brochure largely suggest adherence to OSHA 1926, Safety and Health Regulations for Construction. Depending on the nature of the work however, it may be more suitable for the subcontractor to rely on OSHA 1910, Occupational Safety and Health Standards, or other specific standards as appropriate.

The information provided in this brochure applies to all construction activities at the NCI at Frederick. This information is a guide, and is not intended to be all-inclusive of the health, safety, or environmental requirements while working at the NCI at Frederick.