***\* Compliance with the L3Harris Contractor's Safety Manual is mandatory for all contractor personnel performing work at a L3Harris location/site.***

**Table of Contents**

**Section Title Page**

[**1.0** **PURPOSE AND SCOPE** 2](#_Toc128726040)

[**2.0** **GENERAL REQUIREMENTS** 2](#_Toc128726041)

[**3.0** **ACCIDENT REPORTING** 3](#_Toc128726042)

[**4.0** **ASBESTOS** 4](#_Toc128726043)

[**5.0** **BARRICADES AND TAPE** 4](#_Toc128726044)

[**6.0** **CHEMICAL SAFETY** 4](#_Toc128726045)

[**7.0** **CONFINED SPACE** 5](#_Toc128726046)

[**8.0** **CUTTING AND WELDING** 5](#_Toc128726047)

[**9.0** **ELECTRICAL** 6](#_Toc128726048)

[**10.0** **EMERGENCY RESPONSE** 7](#_Toc128726049)

[**11.0** **ENVIRONMENTAL** 7](#_Toc128726050)

[**12.0** **EXCAVATIONS** 8](#_Toc128726051)

[**13.0** **FLAMMABLE LIQUIDS** 9](#_Toc128726052)

[**14.0** **HOUSEKEEPING** 9](#_Toc128726053)

[**15.0** **PERSONAL PROTECTIVE EQUIPMENT** 9](#_Toc128726054)

[**16.0** **MACHINERY** 10](#_Toc128726055)

[**17.0** **COMPRESSED GAS** 10](#_Toc128726056)

[**18.0** **BUILDING ENTRY** 10](#_Toc128726057)

[**19.0** **LADDERS** 11](#_Toc128726058)

[**20.0** **DEMOLITION** 11](#_Toc128726059)

[**21.0** **AERIAL LIFTS AND POWERED PLATFORMS** 11](#_Toc128726060)

[**22.0** **SCAFFOLDING** 11](#_Toc128726061)

[**23.0** **MOBILE CRANES** 12](#_Toc128726062)

[**24.0** **CLOSING** 12](#_Toc128726063)

# PURPOSE AND SCOPE

L3Harris Technologies’ policies and programs reflect a strong commitment to the environment, and to the health and safety of employees and visitors. In addition, L3Harris is dedicated to being a company of the highest quality in every aspect of its business activity.

As an individual or entity (contractor or subcontractor) performing work or services for L3Harris, and as a member of the L3Harris team, all actions must reflect that same high level of commitment to quality, including compliance with all federal, state, and local environmental, health and safety regulations.

Because of the extensive scope of all federal, state, local and corporate regulations, this manual is intended to address the most common work tasks performed at L3Harris by non-employee personnel and is not intended to be all inclusive of all work tasks and rules and regulations. Compliance with the requirements outlined in this manual does not relieve the contractor of responsibility for compliance with all federal, state and local environmental, health, and safety regulations. Questions regarding the requirements outlined in this manual should be directed to the contractor’s representative, the L3Harris Technologies project/facilities manager, or the appropriate site Environmental, Health and Safety (EHS) personnel.

The procedures in this document encompass all contractor work performed on behalf of L3Harris Technologies, both at L3Harris facility site(s) and remote site locations.

Compliance with and acceptance of the terms and conditions of the Contractor’s Safety Manual is a contractual requirement for all contractors performing work at any L3Harris site/location.

Contractor safety plans shall be made available to the L3Harris Environmental Health & Safety (EHS) department upon request.

## Key Terms

NA

## References

ANSI D6.1, Manual on Uniform Traffic Control Devices for Streets and Highways

Compressed Gas Association (CGA) Publications

Applicable Occupational Safety and Health Administration (OSHA) and Cal-OSHA Rules and Regulations

# GENERAL REQUIREMENTS

## Removal of L3Harris Property

Unauthorized removal of L3Harris materials or property is prohibited.

## Contact Information

It is the responsibility of the contractor to acquire appropriate contact personnel phone/emergency numbers prior to commencing work at any site. Failure to comply with the provisions of this manual or falsification of any entry and/or documentation may result in immediate suspension or termination of the contractor's contract.

## Prohibited Items

Carrying or use of weapons, intoxicants, illegal drugs, or controlled substances on L3Harris property, including parking lots, is strictly prohibited.

Playing audio equipment at the work site, without the written approval of the L3Harris site contact is prohibited.

## Cameras

Any use of the camera capability of the cell phone is strictly prohibited. The cell phone may only be used for voice, audio, or text purposes.

## Dress Code and Conduct

Contractor employees shall dress in a neat and professional manner and conduct themselves properly at all times. Required attire is long pants, shirts with sleeves, and shoes appropriate for the work being performed. No open-toe or high heel shoes, short pants or tank tops are permitted on the work site. Deviations require written authorization from the L3Harris site representative.

L3Harris has a zero tolerance for workplace violence and any conduct that generates a safety concern from violence will not be tolerated. While not all-inclusive, some examples of workplace violence include physical harm, fighting, abusive language, aggressive horseplay, intimidating remarks or possession of a weapon.

Tricks, practical jokes, and/or other forms of harassment are strictly prohibited.

## Smoking

Smoking is permitted only in designated areas.

## Permits

Prior to commencing work, the contractor must obtain all fire and safety permits required by federal, state, or local agencies associated with work to be performed on L3Harris property or remote site(s). EHS must be notified if an environmental permit is required to perform work on L3Harris property.

## Job Safety Assessment

A pre-job assessment or a Job Safety Assessment (JSA) is to be conducted by the contractor to identify potential hazards and necessary mitigations implemented to control the hazards identified.

## Training

Contractor is responsible for providing all applicable OSHA required and equipment specific training for their personnel and sub-contracted personnel. Contractor must also certify that each employee is familiar with all of the requirements of this manual and is competent to perform the required work.

## Interference with Site Operations or Utilities

Contractors may not unnecessarily interfere with site employees or operations while on site. Where interference is unavoidable due to the nature of the work being performed, the contractor will coordinate these activities in advance with the L3Harris site project/facilities manager.

Contract personnel shall not, under any circumstances, operate any switch or valve used to control building services, or equipment, or remove any lockout device or tag. Contract personnel shall not tamper with or operate any fire protection system or sprinkler controls unless authorized by L3Harris site project/facilities manager.

Contractors may be held responsible and liable for the associated costs of any interruption to L3Harris work operations due to contractor negligence.

Questions regarding the safest way to accomplish a job should be directed to the contractor’s supervisor/lead for clarification and further instruction before work commences.

# ACCIDENT REPORTING

## Reporting Accidents or Property Damage

Any accident or property damage, regardless of size, must be reported to the L3Harris contact and an Incident/Accident Investigation Report filed with the L3Harris Environmental Health & Safety (EHS) department, or if at a remote site, with the local site EHS personnel.

## L3Harris Site Security

Site Security must be contacted by dialing the site posted emergency numbers (or cell or office number of site Security or the L3Harris site project/facility manager). It is the responsibility of the contractor to obtain contact names and numbers prior to commencement of work.

# ASBESTOS

There may be Asbestos Containing Materials (ACM) on the site where a contractor's services are rendered.

## Asbestos Removal Training

When contracted to remove ACMs, the contractor hereby warrants and represents that it has provided the training required by applicable sections of the Occupational Safety and Health Act and the regulations promulgated thereunder, and hereby agrees to indemnify and hold harmless L3Harris from any liabilities that may arise from any failure to do so.

## Asbestos Removal

Asbestos removal by contractor personnel on any L3Harris site is prohibited unless the contractor has been specifically contracted for the purpose of removing the asbestos.

## Approval for Removal of Asbestos

It shall be deemed a breach of this document, and the contractor will be held liable for any and all damages arising from the performance of work in any part of the facility which is likely to disturb ACM without first obtaining prior written approval from the L3Harris project/facility manager or EHS department. Information regarding the location of ACM can be obtained from the L3Harris project/facilities contact or EHS personnel.

Do not work with, or disturb, any materials labeled as asbestos containing without prior approval from the L3Harris EHS department.

Report any material suspected to be asbestos containing to the L3Harris project/facility manager or EHS department.

# BARRICADES AND TAPE

## Required Barricades

Barricades shall be erected around excavations, openings in floors or roadways, exposed electrical conductors, or whenever handrails have been removed.

All barricades shall conform to the latest revision of ANSI D6.1, Manual on Uniform Traffic Control Devices for Streets and Highways, and if necessary, have suitable warning lights.

If there will be an impact on traffic flow, the contractor will notify the L3Harris site project/facility manager at the appropriate phone number(s).

## Signs and Tags

All signs and tags shall conform to the OSHA standard for Accident Prevention Signs and Tags.

* Tape marked "DANGER" shall be used to designate any life-threatening area.
* Tape marked "CAUTION" shall be used to warn anyone entering an area of a potential hazard or unsafe condition exists (i.e., men working overhead, hot work, etc.).

Once the hazard no longer exists, all tape and barricades shall be removed immediately.

# CHEMICAL SAFETY

The contractor shall ensure personnel are trained and ensure compliance with the OSHA Hazard Communication Standard 1910.1200 prior to commencing work at any L3Harris location.

Chemical shall mean any element, chemical compound, or mixture of elements and/or compounds.

## Safety Data Sheets (SDS)

* An SDS for chemicals used at the L3Harris site that a contractor may work with or around can be obtained from the L3Harris project/facility manager or the work area supervisor.
* The contractor must ensure that contractor’s employees working with chemicals are able to read and understand applicable MSDS/SDS and are trained in the proper use of the chemicals they will be working with.
* The contractor is required to submit MSDS/SDS to the L3Harris project/facility manager for any chemicals or chemical product associated with the work the contractor will perform at an L3Harris site. The submittal is required in advance of commencement of work.
* The contractor is responsible for properly labeling any secondary containers used with the same information found on the MSDS/SDS in compliance with the Hazard Communication Standard.

## Review of Hazards

Before commencing work, a conference must be held with the appropriate L3Harris personnel including EHS department to review any potential chemical hazards that may be encountered during operations.

# CONFINED SPACE

* Entry into any confined space is prohibited without approval from the L3Harris project/facility manager or EHS department.
* Only trained personnel may be permitted to enter confined spaces. Training is the responsibility of the contractor.
* Completion and adherence with the confined space permit is the responsibility of the contractor.
* Providing emergency extraction devices, forced ventilation, environmental monitoring or any other requirements of the space is the responsibility of the contractor.

# CUTTING AND WELDING

Under no circumstances will any cutting, welding and/or burning be permitted without prior authorization from L3Harris project/facility manager.

## Hot Work Permit

* Cutting, welding, or any operation using an open flame or producing sparks capable of igniting combustibles, is not permitted without a Hot Work permit.
* A Hot Work permit shall be obtained from the L3Harris project/facilities manager or EHS department.
* The signed Hot Work permit shall be posted in the work area and returned to the L3Harris project/facilities manager or EHS department upon completion of hot work.

## Fire Extinguishers

* The contractor shall provide fire-extinguishing equipment as required for performance of hot work tasks by contractor.
* Fire extinguishers at the L3Harris site cannot be used by contractor for fire watch purposes.
* The contractor shall provide a continuous fire watch for the duration of the hot work activities and after completion depending on category of hot work.
* Building fire extinguishers provided throughout L3Harris shall not be used as the primary source of fire protection and shall only be used for a small fire emergency.

## Welding Guards and Personal Protection

* If the object to be welded or cut cannot be moved, and if all the fire hazards cannot be removed, then guards shall be used to confine the heat, sparks, and slag, and to protect the immovable fire hazards.
* Workers or other persons adjacent to the welding areas shall be protected from the rays by noncombustible or flameproof screens or shields or shall be required to wear appropriate eye and face protection.

## Compressed Gas

Compressed gas cylinders must be clearly labeled and properly secured in an upright position at all times. Valves must be closed when not in use.

Oxygen and acetylene cylinders, when not in use, must be separated by a minimum of 20 feet or by a noncombustible barrier at least 5 feet high with a fire-resistance rating of at least 1/2 hour.

# ELECTRICAL

## Supervision

Qualified individuals shall perform all contracted work involving electrical equipment in strict compliance with all applicable provisions of the National Electric Code, OSHA Electrical Safety Regulations, and local electrical code(s).

Inexperienced employees working on or around energized equipment shall work under the direct supervision of an experienced and qualified person at the site where the work is being performed.

Electrical equipment must not be left open or accessible to unauthorized employees and/or the general public. When necessary, barricades shall be installed to prevent accidental contact with electrical equipment.

## Voltage Testing

All electrical equipment shall be considered to be energized until proven to be in a non-energized state. Before starting work on equipment, verification of a zero-energy state shall be accomplished (i.e., voltage testing).

## Personal Protection

Any contractor who must work on any open, live electrical panel must adhere to the PPE requirements for live electrical work and have a CPR trained individual with a current valid certification standing by at all times while the live work is being performed.

Whenever working around batteries such as Uninterruptable Power Supply (UPS) systems, safety goggles and protective clothing shall be worn.

When working in the vicinity of energized lines or equipment exposed metal articles such as keys, sunglasses, watches, rings, etc. must not be worn.

## Power Tools

All electrical power tools shall have a dedicated ground wire (in 3 wire cords) or be a two-wire insulated system.

Contractor personnel are prohibited from using L3Harris owned power tools.

## Lockout/Tagout (LOTO)

OSHA lockout/Tagout (LOTO) requirements must be followed when performing maintenance procedures on any equipment which contains potential hazardous energy sources.

Contractor personnel are not permitted to work on any electrical equipment greater than 50 volts to ground unless trained and authorized to perform LOTO.

## Trenching and Life Safety Systems

Before commencing underground trenching, the contractor must check with the L3Harris contact in order to locate all utilities.

Contractor personnel working on any life safety systems (i.e., fire alarms, pumps and sprinklers, emergency generators, etc.) must contact the L3Harris project/facility manager or the local EHS department to obtain authorization prior to commencing work. Under no circumstances shall anyone disarm a fire protection system or remove a fire alarm device without prior authorization.

All electrically powered equipment, used outside or in wet areas, shall be provided with ground fault circuit interrupter(GFCI)**.**

# EMERGENCY RESPONSE

In the event of a fire, chemical spill, or other emergency, immediately dial the numbers of the site contacts as outlined in section 2.2 of this document.

When placing an emergency call from any telephone, be prepared to report the following:

* Your name
* What the emergency is
* Where the emergency is located

If the fire alarm sounds, stop work and proceed to the nearest exit. Move upwind or crosswind of any known airborne contaminant(s). Muster at a designated Emergency Assembly Area (EAA), or if no EAA was provided, assemble at a minimum of 50 to 100 feet away from the building. Remain at the EAA until authorized to return to the work site by L3Harris Security.

# ENVIRONMENTAL

## Chemical

* Chemicals and other regulated wastes shall not be poured, dumped, or spilled into/onto the ground, ponds, storm sewers, garbage cans, manufacturing baths, sinks, floor drains, or any unauthorized location.
* Contractors shall notify the L3Harris project manager and EHS immediately in the event of a chemical release to the environment.
* The use of chemicals and/or detergents to clean the outside of buildings is prohibited without written approval from the L3Harris project/facility manager or EHS department.
* Controls must be established to prevent chemicals, residue/by-products and rinse waters from intentionally or inadvertently being directed to the environment.
* Contractors are financially liable for damages to L3Harris property including, but not limited to, remediation required as a result of the release of chemicals to the environment, and for fines or penalties incurred due to the contractor’s action/inaction. Releases of chemical includes fuel or fluids from equipment and/or vehicles.

## Regulated Waste

Contractors are not authorized to remove regulated waste from any L3Harris site unless specifically contracted to do so by EHS. Contractors generating regulated waste on L3Harris property must coordinate disposal with EHS and abide by the site’s regulated waste collection/disposal program. This includes but is not limited to chemical waste, used oil and coolant, and universal waste.

## Environmental Permits

EHS must be notified in advance, and prior to commencement of work, if an environmental permit is required for the contracted work. EHS is responsible for interfacing with environmental regulatory agencies for all work performed on L3Harris property. Permits may include, but are not limited to storm water systems alteration, dewatering, etc.

## Painting

* Contractors performing painting activities (indoor or outdoor) must notify the L3Harris project/facility manager or EHS department prior to commencing work.
* All painting of outdoor equipment or structures must be brush and roll applied only.
* Any outdoor sand blasting and spray-painting requires prior written approval from the L3Harris project/facility manager and must be conducted with overspray control and storm water system protection.
* Equipment cleaning (brushes, sprayers, pans, etc.) is prohibited on L3Harris property without prior written approval from the L3Harris project/facility manager or L3Harris EHS department.
* The contractor must minimize air emissions associated with volatile organic compounds (VOCs) such as those contained in paints and solvents.
* Open air-drying of containers containing VOCs is prohibited.

## Preparatory/Cleaning Activities

Preparatory/Cleaning activities (liquid/solid) performed on buildings, antennas, tractor-trailers or other large surfaces must have advance written approval from L3Harris project/facility manager or the EHS department.

## Subsurface Digs

Subsurface digging is prohibited without written approval from the L3Harris project/facility manager or EHS department.

Certain jobs that contact soils and groundwater may require contract employees to have specialized OSHA 40-hour Hazardous Waste site certification. Therefore, it is paramount that all subsurface work (three feet or deeper) be reviewed by the L3Harris project/facility manager or EHS personnel.

## Fuel Tanks

Portable fuel tanks used for the fueling of temporary power generators must have secondary containment to prevent inadvertent leaks/spills.

Refueling of tanks shall be performed in such a way as to prevent spillage onto L3Harris property. Only tanks that meet DOT requirements shall be authorized for on-site use.

## Material Disposal

If a dumpster is required for non-regulated material disposal, contractors shall obtain and utilize dumpsters supplied by a company designated by the L3Harris project/facility manager.

Upon completion of work, the contractor must contact the L3Harris project/facility manager to have the dumpster picked up.

# EXCAVATIONS

* Excavations four feet or more in depth which are to be entered by personnel must be protected by a system of shoring, sloping, benching or an alternate method that meets the requirements of the OSHA Construction Safety Orders regulating excavations.
* All excavations must be properly barricaded and appropriate warning signs posted.
* Any excavation more than four feet deep is considered a confined space.
* Before underground trenching is done, the contractor must check with the L3Harris project/facility manager in order to locate all utilities.
* A competent person is required for all trenching and excavation work.
* Contractor is responsible for ensuring that excavations are covered with planking or sheeting of adequate strength to support any reasonably expected load when not actively being worked on.
* Use silt screen barriers to prevent run-off of surface water into drains and waterways in locations where the ground is excavated. Contractor is responsible for proper installation, maintenance, and inspection of this barrier.

# FLAMMABLE LIQUIDS

* Containers of flammable liquids must be properly closed when not in use and stored in flammable cabinets.
* Flammable wastes must be stored properly and disposed of in accordance with the L3Harris site’s hazardous waste handling/disposal procedures as outlined in section 11.2 of this document.
* Flammable materials shall not be used/handled in areas where ignition sources are present.

# HOUSEKEEPING

* Work areas must be kept clean. Rubbish and debris shall be contained and removed daily.
* Only required tools and materials may be kept in work areas and must be stored in a safe manner.
* All aisleways, walking surfaces and exits must be kept free and clear of equipment, tools, materials, and any other items.
* Emergency equipment such as fire extinguishers and eyewash stations shall not be blocked at any time.
* Electrical cords, air hoses, and other such items that may pose a trip hazard must be safely covered and/or controlled in such a way as to control trip hazards while in use. These items must be removed daily, and/or safely covered or strung overhead and supported to prevent falling when not in use.
* Contractor shall be liable for any environmental impacts and regulatory fines associated with improper housekeeping on the part of the contractor.

# PERSONAL PROTECTIVE EQUIPMENT

## Contractor

* It is the contractor’s responsibility to provide and enforce the wearing of pertinent personal protective equipment and/or other safety related equipment necessary to protect the contractor’s employees from hazards present in the work environment or created by the work being performed.
* The contractors is responsible to ensure that their personnel receive training on the use of personal protective equipment.
* All protective equipment will be used as the task requires and shall be in good working order. Any defective equipment shall be removed from service.

## Hazard Assessment

* Prior to performing any task, a hazard assessment must be performed by the contractor. As a result of this hazard assessment, tasks requiring the use of personal protective equipment (PPE) will be identified and proper PPE selected. Contractor will provide identified PPE to their personnel and ensure that it is being worn as required. At a minimum, the PPE worn by contractor personnel should be equivalent to the PPE worn by L3Harris employees performing similar tasks.

## Respiratory Protection

* Use of respiratory protection shall be in accordance with applicable regulatory standards.
* Use of respiratory protection is required for protection from drilling/cutting activities and inhalation of silica dust.

## Fall Protection

Contractors shall appoint a competent person in fall protection as defined by OSHA when working on a walking/working surface with an unprotected side or edge 4 feet or more above a lower level.

The competent person shall assess the workplace to determine:

* The OSHA standard applicable to the work environment,
* The walking/working surfaces on which contract employees are to work have the strength and structural integrity to safely support workers, and if fall protection is required.
* If fall protection is required, the competent person shall develop and implement a fall protection plan to execute the work safely.
* All other fall protection equipment shall be used in accordance with applicable regulations.

# MACHINERY

* Contractors must never operate any machine or equipment unless authorized and trained to do so, and only as required to perform contracted work.
* Keep clear of all moving parts on any machinery and do not remove or alter any safety device or operate any machinery without mechanical guards in place.
* Contractors must provide proof of training and certification to operate contractor owned forklifts, cranes and hoists used on L3Harris property.
* Concrete cutting/drilling shall be performed using a wet process, and with equipment specially designed for the work in order to reduce exposure to silica dust.

# COMPRESSED GAS

* Compressed gas cylinders (oxygen, acetylene, etc.) must be clearly labeled and properly secured in an upright position at all times. Valves must be closed when not in use.
* The contractor is responsible for the use of proper compressed gas safety equipment and will adhere to the requirements set forth by the Compressed Gas Association (CGA).

# BUILDING ENTRY

* Do not enter any area where there is a:
* Lit or flashing red emergency light
* Lit or flashing blue, Low-Level Oxygen light
* Lit or flashing Laser-In-Use light
  + Contact the L3Harris building landlord, area lab custodian, project/facility manager, or local EHS contact prior to doing any work in, above, below, or adjacent to secure and/or designated facilities and labs.

# LADDERS

* Contractor personnel shall be trained in proper ladder use.
* All contractor ladders brought onto an L3Harris site must be in good working order and be part of a periodic inspection program.
* Ladders found to be damaged or unsafe shall be removed immediately from service and tagged “Do Not Use.”
* Ladders shall be stored properly when not in use.
* No wooden or painted ladders are to be used on site at L3Harris.
* Metal ladders may not be used near electrical sources.
* The correct style and size ladder shall be used for the task.
* Standing on the top rung or top cap of a stepladder is prohibited.
* Extension ladders shall be the only style of ladder used to access roof edges.
* Extension ladders shall extend 3 feet above the edge of the roof.
* Secure ladders when necessary to prevent from falling.

# DEMOLITION

* All demolition work shall be done in accordance with OSHA regulatory standards applicable to demolition work.
* Major building or area demolition require an engineering assessment/survey prior to demolition activities commencing.
* Demolition area shall be barricaded off to prevent unauthorized personnel from entering the area.

# AERIAL LIFTS AND POWERED PLATFORMS

* Contractor personnel must be trained in the use of aerial lifts, man lifts, or powered platforms as necessary for work to be performed at an L3Harris site using contractor provided equipment. Untrained personnel are strictly prohibited from operating this equipment.
* Fall protection shall be used on lifts such as boom or articulating lifts.
* All aerial lifts must be inspected, and controls tested prior to use.
* Defective lifts must be removed from the L3Harris site.
* Lifts will not be used near power lines. Exception: High voltage contractor working on L3Harris overhead lines.
* Barricade areas to prevent personnel from walking under elevated lifts.
* Do not overload lifts.
* Do not use lifts on uneven areas or unstable ground.
* Do not add a ladder, box or any such item inside a lift to gain additional height.

# SCAFFOLDING

* Inspection of scaffolding must be conducted by a competent person.
* All personnel working from and erecting scaffolding must be trained.
* Scaffolding must have inspection tags affixed and used to document inspections.
* Scaffolding must be used on stable and level surfaces.
  + Contractor’s employees are not authorized to ride any mobile scaffold (on wheels).
* Wheels must be locked when a mobile scaffold is in use.
* Access ladders and safety/hand rails must be provided for scaffolding.
* Only approved scaffolding planks will be used.
* Scaffolding will not be overloaded.
* Approved fall protection must be used when working from scaffolding.

# MOBILE CRANES

* Contractor crane operators must be certified by an accredited crane operator testing organization. Confirm crane operator certification with L3Harris project/facility manager prior to lift.
* A competent person must supervise crane operations.
* All cranes used on L3Harris property must have current inspection records and be in good repair.
* Pre-operational tests of the crane will be performed prior to use.
* Load chart capacity must never be exceeded during lifting operations.
* Personnel must never stand under a suspended load or fall zone(s) and loads must not be moved over workers.
* Crane activity area(s) must be barricaded off and identified as a hard hat area.
* Crane shall never be operated in threatening weather (e.g., thunderstorms, excessive wind velocities).
* Crane must be on a level and firm/stable surface.
* The operator shall not leave the load unattended at any time.
* A lift plan must be developed for all mobile crane operations. Contractor must coordinate the lift plan with the L3Harris project/facility manager prior to commencement of the lift.
* Minimum clearance of at least 10 feet shall be maintained around power lines.
* Rigging load capacity must be adequate for the proposed lift, and shackles, lift straps, and/or other rigging must be marked with lifting capacity and be inspected prior to use.
* Communications and signaling shall be established prior to lift commencement.
* Safety spotters must be positioned as necessary. Crane operator must cease lift immediately once notified of the need to stop.

# CLOSING

* All contract service personnel are under the supervision of the contractor. It is the contractor’s responsibility to educate, communicate and enforce all aspects of this manual and all regulatory regulations with his/her employees performing work at L3Harris sites.
* Contact the L3Harris project/facility manager or local EHS department with any questions or concerns regarding the information contained in this manual.