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Contractor Construction Safety Program



**Parkland Health & Hospital System
5201 Harry Hines Blvd.
Dallas, Texas 75235**

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Construction and Renovation

Scope

To establish guidelines and specific instructions for all contractors and staff working at Parkland, to abide by, for the protection of patients, employees, the general public and contractors' personnel. These instructions apply to all construction and renovation projects to include data and telecom cabling installation.

Introduction

Contractors, subcontractors and staff working at Parkland are required to follow Parkland's established policies and procedures concerning safety, construction and infection control. No construction project or task is more important than the health and safety of patients, visitors, employees and workers. Quality health care is top priority.

If a job represents a potential safety or health threat, every effort will be made to plan a safe way to do the task.

Every procedure must be a safe procedure. Shortcuts in safe procedures will not be tolerated.

If a worker observes any unprotected job, which may pose a potential threat to their health or safety, he or she must inform Parkland management and management must take adequate precautions.

Contractors working at Parkland are required to have a written Site-Specific safety plan in accordance with OSHA 29 CFR 1926. Safety plan must be submitted to Parkland's Safety Office.

Contractors and subcontractors must comply with OSHA 1910 and 1926 for all construction and renovation operations.

Safety and Health Objectives

Contractors working at Parkland must plan to achieve a safe workplace through the following:

- Using a competent safety person.
- Continually making job site safety inspections.
- Enforcing the use of safety equipment.
- Following Parkland's safety procedures and rules.
- Providing on-going safety training.
- Enforcing Parkland's safety rules and using appropriate discipline.
- Complying with Parkland's policies concerning:

Above Ceiling Permits	ID Badging
Asbestos	Infection Control
Barrier Management (Wall, Floor Penetrations, etc.)	Lockout Tag out
Crane Safety	Parking
Confined Space	PCRA/ICRA
Dust Control	Scaffold Safety
Fire Protection System Impairment	Security
Fire Safety	Tobacco/Smoking
Hot Work Permit	Use of Parkland Facilities
ILSM	Utility Interruption

Safety Rules

ALL OF PARKLAND'S SAFETY RULES **MUST** BE OBEYED. FAILURE TO DO SO BY ANY CONTRACTOR'S EMPLOYEE WILL RESULT IN A DISPLINARY ACTION AND/OR REMOVING THAT PERSON FROM THE PREMISES.

1. Keep your mind on your work at all times. No horseplay on the job. Injury or removal from the job or both can be the result.
2. Personal safety equipment must be worn as prescribed for each job, such as safety glasses for eye protection, hard hats at all times within the confines of the construction area where there is a potential for falling materials or tools, gloves when handling materials, and safety shoes are necessary for protection against foot injuries.
3. Precautions are necessary to prevent sunburn and to protect against burns from hot materials.
4. If any part of your body should come in contact with an acid or caustic substance, rush to the nearest water available and flush the affected part. Secure medical aid immediately by calling 911.
5. Watch where you are walking. Don't run.
6. The use of illegal drugs or alcohol or being under the influence of the same on the project shall be cause for removal from the project.
7. Workplace violence will not be tolerated, Parkland has a zero-tolerance policy regarding workplace violence.
8. Do not distract the attention of fellow workers. Do not engage in any act which would endanger another employee.
9. Coordinate with Parkland's Project Manager on the use of sanitation facilities. Defacing or damaging these facilities is forbidden.
10. Hand washing sinks are not to be used for construction or renovation purposes.
11. A good job is a clean job, and a clean job is the start of a safe job. So, keep your working area free from rubbish and debris.
12. Do not use a compressor to blow dust or dirt from your clothes, hair, or hands.
13. Never move an injured person unless it is absolutely necessary. Further injury may result. Keep the injured as comfortable as possible and utilize job site first-aid equipment until an ambulance arrives.
14. Know your exit routes and follow Parkland's policies and procedures that apply to emergency response and routine drills.
15. Know where firefighting equipment is located and be trained on how to use it.
16. Lift correctly - with legs, not the back. If the load is too heavy GET HELP. Stay fit. Control your weight. Do stretching exercises. Approximately twenty percent of all construction related injuries result from lifting materials.
17. Nobody but operator shall be allowed to ride on equipment unless proper seating is provided.
18. Do not use power tools and equipment until you have been properly instructed in the safe work methods and become authorized to use them.
19. Be sure that all guards are in place. Do not remove, displace, damage, or destroy any safety device or

safeguard furnished or provided for use on the job, nor interfere with the use thereof.

20. Do not enter an area which has been barricaded.
21. Never oil, lubricate, or fuel equipment while it is running or in motion.
22. Use the "four and one" rule when using a ladder. One foot of base for every four feet of height.
23. Portable ladders in use shall be equipped with safety feet unless ladder is tied, blocked or otherwise secured. Step ladders shall not be used as a straight ladder.
24. Use ladders according to related OSHA Standard, general ladder safety and manufactures' instructions,
25. Ladders must extend three feet above landing on roof for proper use.
26. Defective ladders must be properly tagged and removed from the project site.
27. Keep ladder bases free of debris, hoses, wires, materials, etc.
28. Build scaffolds according to manufacturers' recommendations and applicable OSHA Construction Safety Standard.
29. Scaffold planks shall be properly lapped, cleated or otherwise secured to prevent shifting.
30. Use only extension cords of the three-prong type. Use ground fault circuit interrupters at all times and when using tools in wet atmosphere (e.g. outdoors) or with any temporary power supply. Check the electrical grounding system daily.
31. Use approved fall protection procedures and comply with related OSHA Standard regarding fall protection.
32. Never throw anything "overboard." Someone passing below may be seriously injured.
33. Open fires are prohibited.
34. Know what emergency procedures have been established for your job site. (Location of emergency phone, first aid kit, stretcher location, fire extinguisher locations, evacuation plan, etc.). Call 911 from within the Hospital to report emergency situations.

Jobsite Inspections

Parkland has a pre-construction Risk Assessment (PCRA) policy, which includes an Infection Control Risk Assessment (ICRA) and an Interim Life Safety (ILSM) policy in place. Parkland personnel are required to conduct daily and weekly job inspections to comply with those policies.

Interim Life Safety Measures (ILSM)

ILSM's are a series of 14 administrative actions, as outlined by The Joint Commission (TJC) Life Safety Standard, required to be taken, as appropriate to temporarily compensate for hazards posed by construction and renovation activities within the Hospital buildings.

ILSM's are required in and adjacent to all construction/renovation areas as assessed by the Hospital's Life Safety Specialist and apply to all personnel including Parkland employees, health care providers, contractors/sub-contractors and consultants,

ILSM's must be implemented at project startup and continue until the hazard posed by the construction or renovation activity is removed.

Pre-Construction Risk Assessment (PCRA)

A PCRA must be conducted before any work commences. Contractors working at Parkland must sign the PCRA forms and are required to implement all items on the daily, weekly and ILSM reports, as applicable, with no exceptions. The Contractor's competent safety person, or other designated person, will tour each job site and observe potential safety/health hazards, including the potential hazards of confined spaces and develop a site specific safety plan for safeguarding the Hospital, which may include the following:

- Removing the hazard when discovered.
- Guarding against the hazard as require by the PCRA, ICRA and ILSM.
- Providing personal protective equipment and enforcing its use.
- Training workers in safe work practices and implementation of Parkland's applicable policies.
- Coordinating protection of workers through other contractors.

Parkland will retain all records related to safety inspections and correctional steps.

Contractor Competent Safety Person

The Contractor must designate a competent safety person, as defined by OSHA 1926 to implement the safety requirements when working at Parkland construction or renovation projects. The responsibilities for this position are as follows:

- Assure a safe workplace and OSHA compliance.
- Identify and correct potential job hazards and reportable spills.
- Assuring compliance with Parkland's construction safety and health standard requirements.
- Making regular safety inspections.
- Establishing safety procedures.
- Assure regular safety training with lead persons on site.
- Training his employees on Parkland's Emergency Response Procedures.
- Maintaining safety and training records.

Personal Protective Equipment (PPE)

All construction personnel must be protected from hazards in the workplace by using appropriate PPE, including but not limited to:

- A. Head protection (hard hats) on job sites when there are potentials of falling objects, hair entanglement, burning, or electrical hazards. Hard hats are for protection against impact and penetration of falling objects. Hard hats must meet ANSI specifications.
- B. Eye and face protection when there are potentials of hazards from flying objects or particles, chemicals, arcing, glare, or dust.
- C. Protective footwear to protect from falling objects, chemicals, or stepping on sharp objects. Athletic or canvas-type shoes shall not be worn.

- D. Protective gloves or clothing when required to protect against a hazard.
- E. Harnesses and lanyards for fall protection as required in OSHA Construction Safety Standards.
- F. Protection against the effects of noise exposure. Also, take appropriate measures to protect Hospital occupants from noise pollution.
- G. Respirators in accordance with the applicable OSHA Standard when such equipment is necessary to protect the health of the employee.

Lockout Tag out Procedure

Contractor must have a documented lockout and tag out procedure on site and must coordinate any lockout or tag out process with Parkland's Project Manager and the Engineering Department and must follow Parkland's written policy on lockout tag out.

Hot Work

Contractors and subcontractors must have a current hot work permit issued by the City of Dallas and Parkland's Safety Office. See Figure 1 – Hot Work Permit.

Welding, cutting, grinding and burning operations, or any other heat or spark producing operations must be performed in accordance with OSHA 29 CFR 1926 Subpart J. Contractor must obtain a Hot Work Permit from the Department of Public Safety prior to any scheduled hot work. A fire extinguisher that has a current inspection must be maintained in the immediate access area of the hot work at all times.

All compressed gas cylinders must be transported, handled and stored in accordance with OSHA 29 CFR 1926 Subpart J.

Acetylene gas and other flammable gases must be removed, by the contractor, from the hospital at the end of business day before leaving the job site.

All compressed gas cylinders must be secured at all times.

Utility Work

Utility shutdown or interruption must be coordinated with the Parkland's project Manager and the Engineering Department before any work is scheduled.

Above Ceiling Permit

Contractors working at Parkland must obtain an above ceiling permit from the Life Safety Specialist in Engineering Department prior to accessing any ceiling in the hospital.

Blood Borne Pathogens

Biological hazards or containers that store biohazard items such as needles or sharps must be removed by Parkland personnel only. If construction personnel find a biohazard container or biohazard material, they must contact Parkland's Project Manager for proper handling.

Confined Space Entry

Contractor must coordinate entry to confined spaces with Parkland's Project Manager and the Safety Department and must follow Parkland's written policy on Confined Space Entry.

Crane Operations

Crane operations must be coordinated with the Engineering Department and the Department of Public Safety. A Crane Safety Checklist must be completed prior to any crane use at Parkland facilities.

Asbestos

Contractor must not disturb any asbestos-containing material, as noted on the PCRA, and must coordinate any asbestos work with Parkland's Project Manager and the Asbestos Department and must follow Parkland's written policy on asbestos.

Tobacco/Smoking Policy

Contractors and their personnel are prohibited from smoking or using tobacco products at Parkland facilities and must abide by Parkland's non-smoking policy.

Material Safety Data Sheets (MSDS)

Contractor is responsible for compiling a master file of MSDS sheets of all hazardous chemicals and building materials used on Parkland projects. Such file should be submitted as part of the site specific safety plan. Contractor must also have a book containing all MSDS sheets at project site.

Badging

Contractor employees are required to obtain badges, issued by Parkland's Police Department, before working on any construction or renovation project. Contractor must coordinate issuance of badges with Parkland's Project Manager. Contractor employees and subs must wear their own badges at all times. Under no circumstances shall a person wear someone else's badge.

Parking

All contractor and subcontractor employees must park their vehicles in approved designated areas coordinated with Parkland's Project Manager. The Lingo Lot surface parking has been designated for contractors (Lot A on attached map). Contractors must not block public areas while loading and unloading materials and equipment.

Job Safety Training

Contractor is responsible for training his employees on:

- All OSHA required training, and
- Parkland's policies and procedures.

Reportable Events

Reportable events such as spills, injuries, and OSHA reportable injuries must be reported to the Parkland's Project Manager as soon as they occur.

EMERGENCY RESPONSE PROCEDURES

In case of an emergency on site the following procedures should be instituted at:

Emergency Police Dispatch

On & Off Campus	911
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Medical Emergency Codes

Medical Assist	Medical Assist Give Exact Location	911
Emergency Child Birth	Emergency Child Birth Give Exact Location	911
Blue	Cardiac Arrest Give Exact Location	911

Emergency Response Procedures

All Hazard Response

Security Watch	General Threat To Hospital	
Brown	Bomb Threat-	911
Silver	Active Shooter	911
Pink	Infant/Child Abduction Give Details and Location	911
Yellow	Emergency Response Procedures	
Orange	Facility Lockdown	
Red	Fire Plan RACE-Rescue, Alert Security, Confine, Extinguish PASS-Pull, Aim, Squeeze, Sweep	911
Gray	Severe Weather	
Black	Tornado Warning Tornado Confirmed in Area, Move Patients Away From windows	
Safety Officer	28603 or (214) 590-8603	
Disaster Management	28717 or (214) 590-8717	
Medical Decontamination	28297 or (214) 590-8297	

Permits & Assessments

Hot Work Permit – Issued to contractor for all work which produces a flame, hot spot, or fire related concern. This includes grinding torching, and metal cutting. See Figure 1 – Hot Work Permit.

Description: Prime contractor requests permit for each activity that is covered by work type. A permit will be issued once walkthrough and permit has been completed.

Env. of Care Policy: EC-40-02

Form: Forms are distributed by safety.

Responsible Party: Prime Contractor.

Issued by: Safety – Dodd Day (2-8603) or Michael Pierce (2-8606).

Closure: After work completion, but no more than one week, the permit must be returned. Fire safety watches must be completed for the subject area, as per policy.

Above Ceiling Permit – Issued to contractor for all work above ceiling work (including inspections, field verification). See Figure 2 – Above Ceiling Permit.

Description: Prime contractor requests permit for each activity that is covered by work type. A permit will be issued once permit has been completed. A walkthrough may be requested for work areas before permit is issued. An inspection must be requested and completed by at completion of each work area, see Wall or Floor Penetration Inspection below.

Form: Forms are distributed by project manager, IC, and engineering.

Responsible Party: Prime Contractor.

Issued by: Project Manager.

Approved by: Infection Control (214)825-4446 pager, Wade Dansby (2-6475) Infection Control, and Michael Rader (2-4771) Life Safety Office.

Wall or Floor penetration inspection – All penetration Inspections by Michael Rader. All above ceiling work requires penetration inspection for walls, slabs, roofs, or another building elements before ceiling cover-up is allowed.

Inspected by: Michael Rader (2-4771).

Closure: After work is completed the work area must be inspected and the permit signed. Permit must be returned to the project manager.

Fire/Smoke detector or system Disruption - Issued to contractor for all work which requires a component of the fire/smoke system to be called out of service or covered to prevent false alarms due to dust generating work.

Description: Prime contractor requests permit for each activity that is covered by work type. A permit will be issued once permit form has been completed. A walkthrough may be requested for work areas before permit is issued. The area in question must be monitored on a continued basis by the contractor issued the permit until the area has been returned to service fully operational. Fire extinguishers must be present and displayed in clear sight within construction zone. **NO FIRE/SMOKE DETECTOR OUTAGES CAN BE ISSUED IF HOT WORK IS ONGOING IN THE SAME FIRE/SMOKE COMPARTMENT.**

Env. of Care Policy: EC-40-09 & EC 8071-08-10

Form: Contractor shall obtain a "Fire Protection System Impairment" request form from the EMCS foreman (ext. 2-8130). Or, the forms are Currently available forms are attached in EC policy online. All impairment requests must be submitted no less than 24 hours in advance. All work areas will have a pre sight/area inspection with contractor, EMCS Foreman, Life Safety Manager.

Responsible Party: EMCS Foreman – Piper Neville (2-8130), Life Safety Manager – Michael Rader (2-4771), and Power plant operator – John Miles (2-5138). Engineering will address outage with system. Engineering will notify Fire Department of system downtime if required.

Issued by: Prime Contractor or Project Manager.

Closure: After work is completed the work area must be called back into service. All work areas will

have a post sight/area inspection with contractor, EMCS Foreman, Life Safety Manager.

Fire Sprinkler Disruption - Issued to contractor for all work which requires a shutdown of any component of the fire sprinkler system, including zone work, pumps, risers, etc..

Description: Prime contractor requests permit for each activity that is covered by work type. A permit will be issued once permit has been completed. A walkthrough may be requested for work areas before permit is issued. The area in question must be monitored on a continued basis by the contractor issued the permit until the area has been returned to service fully operational. Fire extinguishers must be present and displayed in clear sight within construction zone. **NO FIRE SPRINKLER OUTAGES CAN BE ISSUED IF HOT WORK IS ONGOING IN THE SAME FIRE/SMOKE COMPARTMENT.**

Env. of Care Policy: EC-40-09 & EC 8071-08-10

Form: Contractor shall obtain a "Fire Protection System Impairment" request form from the EMCS foreman who is currently Piper Neville (ext. 2-8130). Or, the forms are Currently **System Impairment** forms are attached in EC policy online. See Figure 3 – Fire Protection.

Responsible Party: EMCS Foreman – Piper Neville (2-8130), Life Safety Manager – Michael Rader (2-4771), and Power Plant Operator – John Miles (2-5138).
Engineering will address outage with system. Engineering will notify Fire Department of system downtime if required.

Issued by: Prime Contractor or Project Manager.

Closure: After work is completed the work area must be called back into service.

Lock-out/Tag-out Safety procedure – Permit in place for all work which requires a shutdown of any equipment or power source. See Figure 4 – LOTO Safety tag.

Description: Prime contractor or power plant employee must place permit on the location or locations which the power source is disconnected. Power sources includes natural gas, oxygen, electrical, domestic water, process water, fire sprinkler, etc. The permit ensures that the power source remains disconnected while work is taking place. **ALL LOCK-OUT/TAG-OUT PERMITS MUST BE COMPLETELY FILLED OUT. PRIME PERSON LISTED MUST REMAIN PRESENT FOR THE ENTIRE DURATION OF THE OUTAGE.**

Env. of Care Policy: EC-10-07

Form: Forms are requirement of prime contractor. Forms can be purchased through Brady (Item No 65367).

Responsible Party: Prime Contractor supervisor & Power Plant supervisor.

Issued by: Contractor Provided.

Closure: After work is completed the power source must be returned back into service.

Crane Safety Checklist – Checklist for the use of a crane on Hospital grounds. See Figure 5 – Crane Safety Checklist.

Description: Prime contractor must submit safety checklist for all work which requires a crane or other movable lifting vehicle.
ALL CRANE SAFETY CHECKLISTS MUST BE COMPLETELY FILLED OUT. ONE COPY MUST BE SUBMITTED TO THE PARKLAND SAFETY OFFICE AND A SECOND COPY MUST BE SUBMITTED TO THE PARKLAND ENGINEERING OFFICE PRIOR TO LIFTING OPERATION COMMENCING

Env. of Care Policy: CRANE SAFETY CHECKLIST

Form: Forms are requirement of prime contractor. Forms can be obtained through Safety Office.

Responsible Party: Engineering Office – Mike Roe(2-5122), Safety Office– Dodd Day (2-8603), and Michael Pierce (2-8606), or Safety Coordinator (2-2018)

Issued by: Prime Contractor.

Closure: After work is completed an inspection of site, roof, and lifting path shall be completed to ensure that there is no building damage. This includes staging area, lay-down area, crane

supports, roof or drop point, and trailer staging area.

Confined Space Entry – A pre sight/area inspection will be conducted before entry into any confined space. Inspection will be conducted by Contractor Competent personnel and Safety Office. See Figure 6 – Caution Flag posted during Confined Space Entry and Figure 7 – Confined Space entry Checklist.

Description: Prime contractor must receive prior approval before entry into hospital designated confined spaces.
Env. of Care Policy: No Parkland Employees are authorized for entry, therefore no policy exists.
Form: Confined Space Entry Permit must be contractor provided by competent personnel.
Responsible Party: Safety Office – Dodd Day (2-8603) or Michael Pierce (2-8606).
Issued by: Prime Contractor.
Closure: Signage removed and work stop notification provided to Safety Office.

Asbestos Abatement Request Request form to engage Parkland in-house abatement crew for testing, survey, or abatement. See Figure 8 – Abatement Request Form.

Description: The objective of the Asbestos Control Program is to minimize the exposure of patients, workers, visitors, and employees to the hazard of airborne asbestos fibers.
Env. of Care Policy: ACM Policy.
Form: Forms must be completed and submitted by Project Manager. Forms can be obtained from I:\Asbestos\Forms.
Responsible Party: Project Manager and Asbestos /Construction Manager – Moussa Moussa (2-5117).
Issued by: Project Manager.
Closure: Abatement Documentation is completed by Asbestos /Construction Manager.

Pre-Construction Risk Assessment (PCRA) – Issued by and to Design and Construction for all construction related projects. See Figure 9 – Pre-Construction Risk Assessment (PCRA).

Description: Project manager completes the PCRA for each project or activity that is covered by work type.
Env. of Care Policy: EC-70-01
Form: Forms are distributed by Moussa Moussa and are located at I:\PCRA Minutes & Forms\Forms. Completed forms are to be emailed to Moussa Moussa or saved to I:\ILSM\Projects\individual project....
Responsible Party: Project Manager.
approved by: PCRA Committee (signatures for all parties required).

Interim Life Safety Measures (ILSM) - Issued by Project Manager and/or Life Safety Manager for all construction related activities which require disruptions to corridors, exits doorways, exit stairway, exit pathway, or in suite egress pathway. See Figure 10 – Interim Life Safety Measures (ILSM).

Description: Interim Life Safety Measures must be post in and around all areas affected. Training must be completed by Life Safety Manager for all staff in the affected areas. An inspection or simulation must be completed by during construction activities as determined by Life Safety Manager.
Env. of Care Policy: EC-70-01
Form: Forms are distributed by Michael Rader and are located at I:\PCRA Minutes & Forms\Forms. Completed forms and associated communications are to be saved to I:\ILSM\Projects\individual project....
Responsible Party: Project Manager.
Issued by: Life Safety Manager – Michael Rader (2-4771), and Project Manager.
Closure: After work is completed project manager to notify Life Safety Manager and remove posted ILSM signage.

Infection Control Risk Assessment (ICRA) - Issued by Infection Control for all construction related activities which require infection control measures in place. See Figure 11 – Infection Control Risk Assessment (ICRA).

Description: Project Manager requests assessment for each activity that is covered by work type. An assessment will be issued once completed. An inspection must be completed by during construction activities on a daily or weekly basis as determined by Infection Control.

Env. of Care Policy: EC-70-01

Form: Forms are completed by IC only.

Responsible Party: Project Manager.

Issued by: Wade Dansby (2-6475) Infection Control.

Closure: After work is completed project manager to notify IC representative.

Parkland Main Campus Parking Facilities

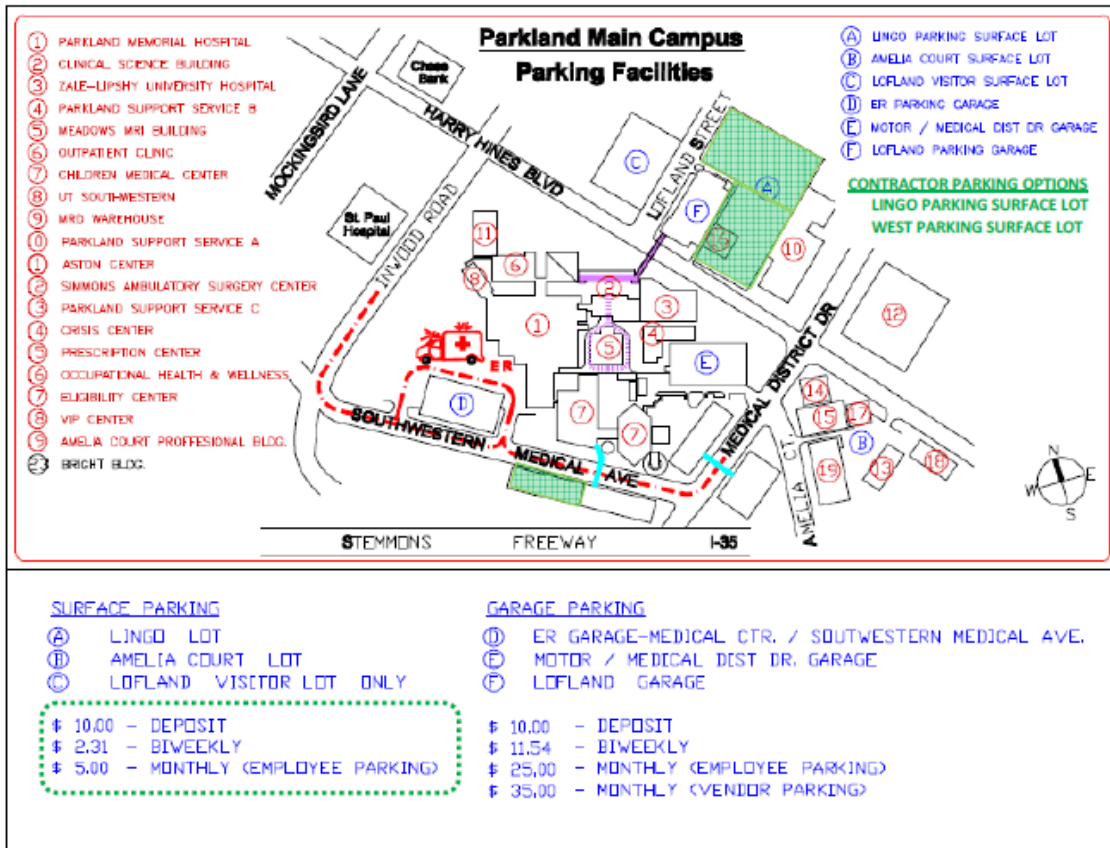


Figure 5

Parkland Hospital

CRANE SAFETY CHECKLIST

PURPOSE: This policy is directed at the use of cranes and other lifting devices on the Parkland Campus by employees, construction workers or subcontractors.

SCOPE: This policy applies to all lifting operations conducted on the Parkland Hospital campus.

REFERENCE: OSHA 29 CFR PART 1926.860, Support N, Cranes and Derricks, OSHA 29 CFR Part 1926 Support R, Steel Erection

POLICY:

INFORMATION:
The use of cranes and other lifting devices will be considered a high-risk operation. The potential for loss of life, injury, and property damage is great. OSHA 29 CFR PART 1926.860, Support N, Cranes and Derricks, and OSHA 29 CFR Part 1926 Support R, Steel Erection, will be complied with.

General requirements: The employee shall comply with the manufacturer specifications and limitations applicable to the operation of any cranes or lifting devices. Where manufacturer specifications are not available, the limitations assigned to the equipment shall be based on the determinations of a qualified engineer competent in this field and such determinations will be appropriately documented and recorded.

All employees must be notified of loads about to be lifted and suspended loads.

Attachments used with cranes shall not exceed the capacity, rating, or scope recommended by the manufacturer.

Hand signals to crane and lifting device operators shall be those prescribed by the applicable ANSI standard for the type of crane in use. An illustration of the signals will be attached to the job site.

Inspections for each hoisting machine and piece of equipment will be maintained by the employer or contractor, including a record of the date and results of inspection. These documents will be presented to the Parkland Safety Office prior to conducting lifting operations, in accordance with 1926.860 (c) cranes will be inspected prior to each shift by a competent person.

Rigging will be performed by a competent person. The load will be rigged so the weight will be evenly divided among the lifting legs. Wire rope or sling inspections and safety factors will be in accordance with ANSI and SAE criteria.

Lifting radius barrier: Accessible areas within the swing radius of the use of the rotating superstructure of the crane, either permanently or temporarily installed, shall be barricaded in such a manner as to prevent an employee from being struck or crushed by the crane.

Overhead wires shall be considered to be energized and handled appropriately.

Fire safety: An accessible fire extinguisher of 5BC rating, or higher, shall be available at all operator stations or cabs of equipment. Combustible and flammable materials shall be removed from the immediate area prior to operations.

Truck cranes: All truck cranes in use shall meet the applicable requirements for design, inspection, construction, testing, maintenance and operation as prescribed in the ANSI B50.1-1998 Safety Code.

Load limits: The project supervisor or designee will verify in writing, using the attached checklist, that the weight of the load is within the manufacturer limitations of the crane or lifting device and can be safely lifted. When the weight of the lifted load is unknown it is recommended that a professional engineer calculate the lift parameters.

Pre-lift Safety Meeting: A meeting attended by the crane operator, signal person, all demobilizing employees, the Parkland Safety Office, and the project manager shall be held to review the appropriate requirements and the procedures to be followed. This meeting will be repeated for each new lift and anytime a lift requires a change.

The following minimum information will be briefed:

1. Overview of the lifting operation, i.e. who, what, where, why, how.
2. Assignment of responsibilities, i.e. who does what.
3. Emergency contingencies, i.e. what if the load becomes unstable, etc.
4. Emergency phone numbers and persons to contact.
5. Safety information, i.e. overhead obstacles, swing radius, hand signals, etc.

Point of contact for this policy is the Parkland Safety Office:

Crane type _____

Crane inspection date _____

Crane Operator (print name) _____

Weight of items to be lifted (in pounds) _____

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Parkland Hospital

If weight is unknown, a professional engineer will compute weight.

Boom length of crane required to lift load (in feet) _____

Maximum weight capacity allowed to be lifted by crane being used (in pounds) _____

Maximum load weight limit for wire rope or sling being used (in pounds) _____

The weight of the load being lifted is within the manufacturer limitations of crane or lifting device.

The weight of the load being lifted is within the manufacturer limitations of the wire rope or sling being used.

Area has been checked for overhead wires or obstacles. Electrical distribution and transmission lines have been deenergized or grounded when necessary. Operations in close proximity to powerlines will be in accordance with 1926.860a(1)(5).

Crane operator and signalman have received hand signals.

The area within the crane swing radius has been barricaded.

Combustible materials have been removed from the immediate area. A fire extinguisher is available at the crane operator station or cab.

All employees will be kept clear of loads about to be lifted and suspended loads.

A pre-lift safety briefing has been conducted for all participating personnel.

The following minimum information has been briefed:

1. Overview of the lifting operation, i.e. who, what, where, why, how.
2. Assignment of responsibilities, i.e. who does what.
3. Emergency contingencies, i.e. what if the load becomes unstable, etc.
4. Emergency phone numbers and persons to contact.
5. Safety information, i.e. overhead obstacles, swing radius, hand signals, etc.
6. Traffic control—security has been assigned traffic control responsibilities.

I have verified the weight of the load being lifted and compared it to the maximum weight capacity of the lifting device. I have verified the capacity, rating and safety of all equipment and I verify that the load can be safely lifted. I have completed a pre-lift safety briefing for all participating personnel.

Printed name of project supervisor or designee (Competent Person) _____

Signature of project supervisor or designee _____

Company Emergency Phone Number: _____

DATE _____

COPY SENT TO THE PARKLAND SAFETY AND ENGINEERING OFFICE PRIOR TO LIFTING OPERATION COMMENCING

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Figure 6



Safety Flag 18" Bright Orange Mesh Warning Flag

Figure 7

Confined Space Entry Permit

Entry Date: _____ Start Time: _____ Completion Time: _____

Description of Work to be Performed: _____

Description of Space

Confined Space ID Number: _____ Type: _____ Classification: _____

Building Name: _____

Location of Confined Space: _____

Entry Checklist

Potential Hazards Identified? YES NO

Communications Established with Operations Center YES NO

Emergency Procedures Reviewed? YES NO

Entrants and Attendants Trained? YES NO

Isolation of Energy Completed? YES NO

Area Secured? YES NO

Emergency Escape Retrieval Equipment Available YES NO

Personal Protective Equipment Used? YES NO

Confined Space Equipment and PPE Used During Entry:

Tripod with Mechanical Winch Air Purifying Respirator Gloves

Rescue Tripod with Lifeline Self Contained Breathing Apparatus Chemical Resistant Clothing

Harness Steel Toe Boots Hearing Protection

Two-Way Communications Hard Hat Hearing Protection

General / Local Exhaust Ventilation Safety Glasses / Goggles / Face Shield Other PPE or Equipment Used: _____

Air Monitoring Results Prior to Entry

Monitor Type: _____ Serial Number: _____

Oxygen _____ % LEL _____ % CO _____ % H2S _____ %

Calibration Performed? YES NO Initials: _____

Alarm Conditions? YES NO

Monitoring Performed by (sign): _____ Date: _____ Time: _____

Continuous Air Monitoring Results

Time _____ Oxygen _____ % LEL _____ % CO _____ % H2S _____ %

Time _____ Oxygen _____ % LEL _____ % CO _____ % H2S _____ %

Time _____ Oxygen _____ % LEL _____ % CO _____ % H2S _____ %

Time _____ Oxygen _____ % LEL _____ % CO _____ % H2S _____ %

Authorization

We have reviewed the work authorized by this permit and the information contained here-in. Written instructions and safety procedures have been reviewed and are understood. Entry cannot be approved if any squares are marked in the "NO" column. This permit is not valid unless all appropriate items are completed. This permit is to be kept at the job site. Return site copy to supervisor.

Entrants Name: _____ Signature: _____ Date: _____

Attendants Name: _____ Signature: _____ Date: _____

Supervisors Name: _____ Signature: _____ Date: _____

Figure 8

DALLAS COUNTY HOSPITAL DISTRICT
ASBESTOS CONTROL PROGRAM

FOR ASBESTOS PROGRAM USE ONLY
ASBESTOS RELATED REQUEST

REQUEST # _____
REVISED 04/02

DATE _____ DEPARTMENT _____ PROJECT # _____

REQUESTED BY _____ ENT _____ PAGER _____

REQUEST TYPE:

ACCESS TILE/MASTIC REMOVAL CARPET REMOVAL
 ESTIMATE PIPE (TS) REMOVAL FULL ABATEMENT
 OTHER _____

LOCATION/AREA (ATTACH DRAWING) FLOOR DIV BLDG

1. _____

2. _____

3. _____

DATE NEEDED _____

REASON FOR REQUEST _____

FOR ASBESTOS PROGRAM USE ONLY:

DATE RECEIVED _____ RESPONSE DATE _____ BY _____

RESPONSE:

ACCESS ABATEMENT O&M
 SURVEY ESTIMATE OTHER

DESCRIPTION OF ASBESTOS WORK INVOLVED _____

REMARKS _____

Figure 9

Parkland

PRE-CONSTRUCTION RISK ASSESSMENT

Team Members Project Review & Approval Log/Signatures

OVERALL RISK
(1.0-0.0000-1.0000000) 1

WATCH REQUIRED? Yes No

Project Name: _____ Project Number: _____
 Location: _____ Project Type: **HASZMAT**
 Start Date: _____ Completion Date: _____

HAZID #	Risk Element	Prevalence	Exposure	Severity	Risk Level	Risk Description
01	Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
02	Asbestos Control (MDEA)	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
03	Utility Interruption Potential	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
04	Noise and Vibration Impact	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
05	Lift Safety (LSSA)	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
06	Asbestos Related Issues	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
07	Above Ceiling	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
08	Removal of Panels	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
09	Hot Work Permits	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
10	Slower Risk	<input type="checkbox"/>	<input type="checkbox"/>	1	1	
11	Other Hazards	<input type="checkbox"/>	<input type="checkbox"/>	1	1	

PCRA Team	Responsible By	Signature	Review Date	Comments
Project Manager				
Engineer				
Inspector/Contract				
Utility				
Lift Safety				
Edge Detection				
Asbestos Program				
General Contractor				
Owner				
Facility Director				

PCRA 03/03/14 & Form (Asbestos Administration)

Public PCRA

Figure 10

LSCM Matrix

T.C. Standard LSCM 02.01 SP	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Creating significant Life Safety Code deficiencies or conditions as a result of construction														
Code Deficiencies														
1. Fire alarm pull stations														
2. Fire alarm control panel														
3. Smoke detector														
4. Smoke detector														
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100. Smoke detector														

This matrix chart is used as a guide to assess LSC deficiencies and implement LSCM as necessary.

Figure 11

IC
09/04

Parkland Health & Hospital System
INFECTION CONTROL
Infection Control Construction Monitor

Date monitored	4/23/10
Inspector	WB, MM, DB
Area surveyed	9 th Floor, MICU
Project no.	17511
Project name	9 th Floor, MICU Containment
Target date for completion	
Project class by IC Risk	<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III <input checked="" type="checkbox"/> Class IV
Mold remediation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

	Requirements by Class of Project	Requirement Met			Corrective Action if Necessary (IC notified)
		Yes	No	N/A	
Pre-Construction Risk Assessment passed in area	All	✓			
Disruptions in ceiling (e.g. removal of ceiling tiles) replaced as soon as feasible or prior to discontinuing barriers	All	✓			
Doors, unsealed, sealed with duct tape	All			✓	
Water must work surfaces to control dust while cutting	I			✓	
Dust barriers (or control cube) in place to ceiling and intact until construction completed	II, III, IV			✓	
Wipe surfaces with 1% approved disinfectant prior to removing barriers/ductworkging @ end of project	II, III, IV	✓			
Barrier materials removed carefully to minimize aerosolizing dust	III, IV	✓			
Daily clean by vacuum or wetmap to control dust	II, III, IV	✓			
Must not go outside area or work area	II, III, IV			✓	
Wheels contained in covered receptacles when removing from area	II, III, IV			✓	
Walls control: construction personnel do not travel through area currently used for patient care unless work attire is covered or changed	II, III, IV	✓			
Walls control: clinical personnel not permitted to walk through or restrooms area going in and from work assignments	II, III, IV			✓	
MVAC system is isolated in areas where work is being performed	II, III, IV			✓	
Negative air pressure in relationship to adjacent areas maintained	III, IV			✓	
MEPA Situation required	III, IV, Mold remediation			✓	
Seal holes, pipes, conduits, and penetrations in walls and ceilings appropriately	IV	✓			
PPE (respirator) required for personnel	Mold remediation			✓	

Additional comments
Water leak on 17th Floor Blvd, ceiling on 9th Floor replaced, intact, and no visible signs of water leaks. Pipes to wires need to be moved back into original location. No IC issues identified. WD

CC: Infection Control WB Facilities Development TL, TN Safety Management DB

Reference APIC Manual 189 IC construction monitor/IC infection control/IV