

PROJECT SHUTDOWN

GENERAL

- Plan periodic off-site meetings and/or telephone conferences with clients, design team, contractors, unions, etc. for status and any new measures.
- Maintain separate cost identifications, PI's, etc. for shut down effects and maintenance.
- Continuance of accounting, requisitions, payments, etc. shall be managed off site.
- Ensure all emergency, temporary, and permanent egress is maintained and unobstructed prior to site closure, including ladders, scaffold stairs, graded ramps.
- Ensure all essential utilities to the site are maintained and clearly marked up to the point of closure. Coordinate any shutdowns with the applicable authority and/or subcontractor.
- All required temporary or permanent egress shall be maintained unobstructed
- All essential utilities to the site maintenance shall be maintained.
- Ensure public sidewalks are maintained safely in accordance with DOT and local governmental authorities, free of ice, snow, grease, debris, tripping hazards, etc.
- All traffic control protection shall remain in a state of readiness.
- Temporary lighting shall remain illuminated.
- Temporary plumbing system shall be shut down and drained to prevent freezing.
- As applicable, the construction site must be enclosed with a construction fence in accordance with the local regulatory agency and or department.
- Require a watchman, 24/7 video surveillance, and/or other types of electronic security measures as deemed appropriate.

CRANES/HOIST

- Secure all cranes (Tower, crawler, hydraulic, etc.) in accordance to the manufacturer's recommendations at the end of each work day. Where possible all booms should be lowered.
- Hoists and Elevators to remain in emergency readiness for local fire and police department.
- Secure all hoist and/or other lifting machinery.

SUPER STRUCTURE

- All formwork and re-shores shall be removed, provided concrete has reached its design strength.
- If re-shores are to remain, they shall be periodically checked as possible during project inspections to make certain they are snug. Perimeter re-shores shall be tied back as per local regulatory agencies and/or department.
- All steel members secured by a minimum of 2 bolts per connections or greater as determined by the steel erection engineer.
- Ensure all metal decking is secured.
- All material such as bolts, shear studs, welding material, gas tanks, and other consumables secure away from exterior and interior building edges.
- All equipment such as compressors, generators, crabs, lifts secured away from exterior and interior building edges.
- The fire standpipe must remain in a state of readiness.
- All scaffolding and debris netting, sidewalk sheds, and temporary walkways shall be inspected for compliance, including required illumination. Loose scaffold planking

shall be removed or properly fastened prior to closure. Scaffold tiebacks shall be maintained and inspected for signs failure prior to closure.

- All adjoining property protection shall be maintained/reviewed prior to closure.
- All guardrails systems, vertical netting, horizontal netting floor, wall, and roof openings protection shall be in place and secure.
- All construction debris must be removed from the project
- All volatile liquids or gases (oxygen, acetylene, gasoline, etc.) shall be removed from site, except those used to fuel required emergency power generation equipment. Storage shall be in accordance with the applicable local, state, and federal, fire code, rules and regulations.
- All construction materials shall be safely stored. All light-weight materials susceptible to becoming wind-borne shall be removed from site, tied down, or ballasted.
- All required temporary or permanent egress shall be confirmed clear and unobstructed.
- All required temporary or permanent exit signs and exit illumination sign shall be operating/maintained prior to closure.
- Ensure all bolts, nuts, connections, etc. on any steel erection are tight and secure.

OTHER

- Verify all heavy equipment parked, doors locked and keys removed.
- Verify all Propane, Diesel, Fuel, Oxygen, Acetylene are capped and secured. Store outside in approved cabinets or racks that are locked and secured. No gases or flammable liquids should be stored in any buildings, job boxes, or trailers.
- All small tools should be locked in job boxes or removed from the site.