



DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
 Fire and Life Safety Division - North
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FIRE AND LIFE SAFETY CHECKLIST

FACILITY NAME: _____

PROJECT NUMBER: _____

FIELD REVIEW OF PLANS:

- Approved contract drawings on site
- Construction type Type 1 (FR)
- Exterior wall & opening protection
- Area separation walls
- Occupancy separation walls
- Separation of hazardous areas
- Separation of special use areas
- Smoke barrier walls
- Fire rated corridors
- Fire stopping
- Exits

UNDERGROUND FIRE LINES:

- Approved plans on site
- Depth of bury & thrust blocks
- Hydrostatic test
- Flush
- Approved pipe etc.
- Trace wire verification

STRUCTURAL STEEL:

- Fire proofing designs
- Fire proofing lab reports
- Fire proofing system

SPRINKLER & STANDPIPE SYSTEMS:

- Approved plans on site
- Flush of lead-in & FDC _____
- Hydrostatic test (shell/floor) _____
- Hydrostatic test final _____
- Drain location & function
- FDC signage/labeling
- Hangers
- Seismic bracing
- Pipe clearance thru walls & floors
- Number, type & arrangement of heads
- Test flow, drain, tamper & supervision
- Standpipe flow approval _____
- Fire pump test _____
- Approval fire sprinklers _____
- NFPA 13 certificate of completion

EXITING:

- Exit signs
- Low level exit signs & marking
- Emergency lighting to a public way
- Stair – rise and run, handrails, guardrails

EVACUATION/EMERGENCY SIGNS AT:

- Corridors, walls & ceilings
- Stairs
- Elevator lobbies
- Medical elevators

AUTOMATIC EXTINGUISHING SYSTEMS:

- Approved plans on site for:
 - Dry Chem Wet Chem
 - FM200/Inergen CO2
- Pipe pressure test _____
- Protection of wall penetrations _____
- Protection of floor penetrations _____
- Final AES approval _____

FIRE ALARM SYSTEM:

- Approval plans on site
- Location of devices & panel
- Test all devices
- Audibility/Visual throughout
- Test of supervision
- Panel test _____
- Back-up battery test _____
- Duct detectors magnetic test/area detect
- Elevator recall
- Roll down/won door
- Fire pump supervision
- Smoke control system
- Auto extinguishing system supervision
- Final fire alarm approval _____
- NFPA 72 certificate of completion _____

HVAC:

- Damper install, instruct, on site
- Damper installation inspection
- 100% fire damper test by IOR
- 10% fire damper drop test by DSFM
- Location of duct det for auto shutdown
- Location of duct det for smoke dampers
- 100% smoke damper test by DSFM
- Test of automatic shutdown
- Final air balance report _____

FIRE RESISTIVE ASSEMBLIES

- Roof covering
- Corridor wall const/fire stopping
- Smoke barrier wall const/fire stopping
- Area separation const/fire stopping
- Occ. Separation const/fire stopping
- Hazard area sep const/fire stopping
- Special use area const/fire stopping
- Floor const/fire stopping
- Shaft const/fire stopping
- Elevator shaft const/fire stopping
- Stairway enclosure const/fire stopping
- Back to back boxes
- Recessed panels
- Attic draft stops
- Door/window installation
- Access doors
- Fire blocking

JOINT PENETRATION AT:

- Curtain walls
- Expansion joints
- Floors
- Walls
- Slip track assembly

OPENING PROTECTION AT:

- Corridors, walls & ceilings
- Area separation walls
- Hazardous are walls & ceilings
- Noncombustible sills>20 mins.
- Roll down fire doors
- Exterior walls

MEDICAL GAS SYSTEM:

- Pressure test
- Labeling
- Valve location

DOORS

- Smoke gasket Label
- Door hardware
- Door swing

EMERGENCY GENERATOR:

- Load bank test (8 hour)
- Start up & transfer
- Exit illumination
- Fire alarm, paging & phones

MISCELLANEOUS;

- Interior Finish of:
 - wall floors ceilings
- Equipment inventory
- Systems training
- 40bc extinguisher in kitchen
- Maximum capacity signs posted at assembly rooms
- Portable extinguishers

COMMENTS;

FINAL DSFM APPROVAL:

 Deputy State Fire Marshal – DSFM