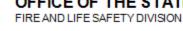


STATE OF CALIFORNIA - NATURAL RESOURCES AGENCY DEPARTMENT OF FORESTRY AND FIRE PROTECTION OFFICE OF THE STATE FIRE MARSHAL



CRIVERSITY OF CALIFORNIA

FIRE AND LIFE SAFETY INSPECTION CHECKLIST

For "Reference" Only

If you have questions, please contact Campus Fire Marshal @ EH&S

FIELD REVIEW OF PLANS:

Approved contract drawings on site

UNDERGROUND FIRE LINES

UNDERGROUND FIRE LINES.	
	Approved plans on site
	Material inspection
	Depth of bury & thrust blocks
	Hydrostatic test
	Flush
	Tracer wire verification
	Hydrant orientation
	FDC orientation
	NFPA 24 certificate of Completion
Complete x	

STRUCTURAL STEEL PROTECTION:

Fire proofing approved plans on site Fire proofing lab reports Fire proofing material inspection Inspect for Trade Damage Complete x_

SPRINKLER & STANDPIPE SYSTEMS:

- Approved plans on site Sprinkler rough-in inspection Flush of lead-in & FDC Hydrostatic test (shell/floor) Hydrostatic test final Drain location & function FDC identification sign PIV identification sign ☐ Hangers Seismic bracing Pipe clearance thru walls & floorings Number, type & arrangement of heads Test flow, drain, tamper & supervision Spare head box Hydraulic Calculations plates Standpipe pumper truck flow approval Fire Pump Test Approval fire sprinklers □ NFPA 13 certificate of completion □ NFPA 14 certificate of completion Complete x_ HVAC: Damper install, instruct, on site Location of access door for inspection
- Damper Angle inspection
- 100% smoke damper test by DCFM
- 100% Fire damper test by IOR
- 10% fire damper drop test by DCFM
- Location of duct detector for auto shutdown
- Test Automatic Shutdown
- Air balance complete & report
- Complete x

PROJECT CLOSEOUT:

Temporary Certificate of Occupancy

AUTOMATIC EXTINGUISHING SYSTEMS:

Approved plans on site Chemical Type_ Pipe pressure test Protection of floor penetrations Protection of wall penetrations Final AES approval Complete x

FIRE ALARM SYSTEM:

- Approval plans on site
- Rough-in Inspection
- Test all devices 100%
- Smoke Detector Test
- Heat Detector Test
- Audio/visual notification throughout Test of supervision
- ī Panel test
- Candelas verified
- 24 hour back-up battery test
- 48 hour battery recharge test
- Duct detector magnehelic test / area detection Verify "Sequence of Operation" П
- Shunt trip test & supervisory alarm
- Elevator recall
- Roll down / Won door
- Fire pump supervision
- Smoke control system
- Auto extinguishing system supervision
- Fire Alarm Panel "Inside Sign"
- Phone line test with Central station
- Emergency Responder Radio Test
- Final fire alarm approval Π
- □ NFPA 72 certificate of completion

Complete x

FIRE RESISTIVE ASSEMBLIES:

- Framing inspection of walls and shafts
- Roof coverings
- Wall fire stopping inspection
- Shaft fire stopping inspection
- Floor fire stopping inspection
- Elevator shaft construction / fire stopping
- Back to back electrical junction boxes Rated recessed Panels
- \Box
- Access Doors
- Door / Window Installation Attic Draft Stops
- Fire Blocking
- Complete x ___



Door frame gap $\overline{\Box}$ Smoke gasket Door hardware Fire Rated Door & Frame Labels Door swing Self-close and latch Card Key Access / Fail open egress Complete x

EXITING:

Exit signs rough-in inspection Exit final inspection Low level exit signs & marking Emergency lighting to a public way Stair - rise & run Stair - Handrails Guardrails < 42" a.f.f. Complete x

EMERGENCY GENERATOR:

- Load bank test: 4 hours 2 hours
- Annunciator location
- Start-up & transfer
- Exit sign illumination
- Safety indications
- Shutdowns per NFPA 110
- $\overline{\Box}$ Emergency egress lighting
- ☐ Fire alarm paging & phones
- Complete x

SIGNAGE:

- Evacuation signs Tactile exit signs
- Exit route signs
- Room numbers
- Max occupancy signs
- Complete x

MISCELLANEOUS:

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□ Interior finishes **Rescue Windows** Ē Fire-treated retardant wood Knox Box keys Π Portable fire extinguishers 40bc (Type K) Fire extinguisher in kitchens Ē Building address 800 MHz Radio Testing complete Other: Other: Complete x_

Designated Campus Fire Marshal - DCFM

Certificate of Occupancy Substantial Completion