

Description	N/A	✓	Notes
1. Permitted combustible components in non-combustible construction:			
a. extent contingent on flame-spread rating/ smoke developed classification			
b. exceptions if building sprinklered			
c. ducts/piping/plumbing fixtures			
2. Fire separations/firewalls:			
a. fire dampers having prescribed fire protection rating in ducts penetrating fire separations			
b. fire stop flaps in rated membrane ceiling assemblies			
c. no ducts connecting storage garage/ dwelling units permitted			
d. no penetrations through electrical vault fire separations except:			
i. essential pipes/ducts <i>as prescribed</i>			
ii. ventilation duct/opening to outdoors			
3. Means of egress:			
a. no penetrations through exit stairway/ ramp walls except:			
i. standpipe/sprinkler piping			
ii. non-combustible piping serving exit only			
iii. venting near bottom of stair shafts in sprinklered high buildings <i>as prescribed</i>			
b. use as a plenum not permitted			
c. fuel-fired appliances not permitted:			
i. in corridors serving as an access to exit			
ii. under any exits			
4. Carbon monoxide detectors:			
a. required <i>as prescribed</i>			
5. Interconnected spaces:			
a. smoke control following activation of sprinkler system/smoke detectors:			
i. automatic activation of air handling equipment			

Description	N/A	✓	Notes
i. other measures <i>as prescribed</i>			
6. Fire control systems:			
a. requirement based on occupancy classification/occupant load of building			
b. smoke control:			
i. air handling system designed to limit circulation of smoke between:			
(1) storeys			
(2) suites within a storey			
(3) fire compartments			
c. automatic sprinkler system:			
i. required for certain occupancy classifications <i>as prescribed</i>			
ii. designed to required NFPA standard			
iii. protected from freezing if located in unheated area			
iv. fire department connection located within prescribed unobstructed distance from hydrant			
v. sprinklers required in:			
(1) rooms/closets immediately below roof assembly for which fire resistance rating waived			
(2) service spaces <i>as prescribed</i>			
vi. for buildings having fewer than prescribed number of sprinklers, water supply for sprinklers may be connected to domestic water system <i>as prescribed</i>			
vii. combustible sprinkler piping may be permitted in residential/light hazard occupancies, provided piping separated from areas served by ceiling/walls/soffits of prescribed construction			
d. standpipes/fire hose cabinets required for buildings:			
i. over prescribed heights			
ii. unsprinklered buildings of any height having:			
(1) prescribed occupancies			
(2) larger than prescribed areas			
iii. fire department connection			
iv. hose connections:			

Description	N/A	✓	Notes
(1) on each storey of building			
(2) size <i>as prescribed</i> for building height/area			
e. hose cabinets:			
i. size to accommodate fire extinguisher in addition to prescribed hose/all accessories			
ii. locate cabinets where:			
(1) prescribed			
(2) fully opened door will not obstruct required exit width			
iii. cabinets not required in industrial buildings			
f. portable fire extinguishers:			
i. required in all buildings			
ii. exceptions within dwelling units may be granted by authorities having jurisdiction			
7. Buildings where impurities/contaminates have potential to create fire/explosion hazard:			
a. appropriate exhaust ventilation system			
b. explosion relief devices/vents/other protective measures			