



BUILDING INSPECTIONS Fire Separations (1997 OBC)

Classification Data

This checklist pertains to:

Building Permit no.

No	INSPECTION CHECKLIST	V	L	R			
1.	CONTINUITY	a	Location (height, length and area) of fire separations conform to approved permit plans				
		b	Fire separation is continuous and laterally supported at the structure				
		c	Fire separation is continuous above suspended ceilings				
		d	Fire separations is continuous to another fire separation, exterior wall or roof				
		e	Continuity behind recessed equipment in fire separations				
		f	Construction will not cause collapse of masonry fire separation				
		g	Gypsum board membrane assemblies with openings that limited in size and location				
		h	No openings in a ceiling membrane where the fire-resistance rating is based on membrane only				
		i	Tested suspended ceiling assemblies conform to the listing				
		j	Other:				
2.	FIRE-RESISTANCE	a	Construction methods and materials used provide the required level of fire-resistance rating				
		b	Height, spacing and size of studs conform to the listing or permit drawings				
		c	Components for the fire-resistance rating conform to the listed or generic standards				
		d	Additional support provided for horizontal gypsum board joints when wall height exceeds 3 m				
		e	Spray-fireproofing has been installed and a report submitted on the density, thickness and fr achieved				
		f	Fire separation supported on construction of equal fire-resistance rating				
		g	Construction of the exposing building face has proper construction, fire-resistance rating, type of cladding				
		h	Exterior structural members are protected from exterior fires				
		i	Other:				
3.	CLOSURES	a	Fire dampers in ducts piercing a fire separation (exceptions apply)				
		b	Fire dampers/shutters close automatically upon operation of a fusible link, heat or smoke actuated device				
		c	Fire damper installed in the vertical or horizontal position in conformance with its' listing				
		d	Fire damper mounting angles attached sleeve on both sides of wall or floor opening with expansion space				
		e	Fire stop flaps and thermal blankets installed in duct openings in membranes of ceilings, as required				
		f	Door and window frames are labelled to identify rating and testing agency				
		g	Access doors for fire dampers installed for ducts located in walls and ceilings				
		h	Self-closing devices and hardware installed				
		i	Sprinkered window assemblies installed in conformance with the approval agency instructions				
		j	Other:				
4.	WIRED GLASS and GLASS BLOCK	a	Wired glass assemblies (not part of an exit) are not installed in a fire separation with a fr > i hour				
		b	Vertical wire glass assemblies (not part of an exit) have been tested and labelled or they follow the prescriptive requirements of the Building Code				
		c	Area limits in door or wall for wired glass or glass block are not exceeded in an exit enclosure				
		d	Wired glass or glass block has not been used as a closure to protect an opening with a LD of < 1.2 m				
		e	Wired glass or glass block has been installed in exposing building face to increase unprotected openings				
		f	Other:				
5.	COMBUSTIBILITY of PENETRATIONS	a	Pipes, ducts, electrical equipment that penetrate a fire separation are noncombustible or in raceways				
		b	Nonmetallic raceways have a FT4 rating, do not exceed 25 m diameter, singly or grouped				
		c	Combustible outlet boxes do not exceed 25 in ² and are offset where they penetrate opposite sides of f.s.				
		d	In noncombustible construction buildings, combustible piping has a max. fsr of 25 or concealed in wall				
		e	Combustible piping that wholly or partly penetrates a fire separation is sealed with a fire stop system equal to the fr of the fire rated assembly				
		f	Other:				
6.	FIRE STOPPING of SERVICE PENETRATIONS	a	Penetrations of a fire separation are sealed by a fire stop system or are tightly fitted (cast in place conc.)				
		b	Penetrations of a membrane forming part of an assembly with a fr are sealed by a fire stop system				
		c	Penetrations of a firewall are sealed by a fire stop system with a FT rating equal to the fr of the firewall				
		d	Other:				

V	Date	Inspector	V	Date	Inspector	V	Date	Inspector
A			D			G		
B			E			H		
C			F			I		

COMPLIANCE

BUILDING INSPECTOR	DATE	CO-SIGNER	DATE
V - Visit/inspection R - revisit/reinspection X - Not applicable ● - Subsequently complied L - Legal status V - In compliance N - Not visible ○ - Not in compliance and subsequently covered and not visible for inspection ● - Not in compliance			