

Deli - 50 Wharf Street

	IBC 2009		NFPA 101 2009
2 floors above grade	502.1		
Sprinklers		NFPA 13	NFPA 13
Fire Alarm		Required	Required
Smoke and CO Detectors		Smoke and CO detectors required	Smoke and CO detectors required
Occupant Load	T 1004.1.1		7.3.1.2
		Deli (seating) Area 420 sf / 15sf = 28 occ.	Deli (seating) Area 420 sf / 15sf = 28 occ.
		Kitchen 223 sf / 200 = 2 occ	Kitchen 223 sf / 200 = 2 occ
		Total Tenant Area Occupant Load = 30	Total Tenant Area Occupant Load = 30
		Deli Tenant Area = 792 sf	Deli Tenant Area = 792 sf
Use Group(s)	304.1		38.1
		Business (B) (assembly less than 50 occupants is Business)	Business (assembly less than 50 occupants is Business)
Construction Type			
	T 503	3B - mixed combustibile unprotected	III (000) mixed combustibile unprotected
Building Height and Area	T503	B = 3 story and 19,000 sf footprint	
Building Elements	T 601	0 hr Structural Frame	
	T 602	2 hr Bearing Walls Exterior (sep. dist >= 10')	
	T 602	2 hr Bearing Walls Exterior (sep. dist <10')	
	T 601	0 hr Bearing Walls Interior	
	T 601	0 hr Non-Bearing Walls Interior	
	T 602	0 hr Non-Bearing Walls Exterior (sep. dist >= 30')	
	T 602	1 hr Non-Bearing Walls Exterior (sep. dist <30')	
	T 601	0 hr Floor Construction	
	T 601	0 hr Roof Construction	

Separations					Separation
		508.3	Separated Occupancies		1 hr between B and Assembly (restaurant) - sprinkler
			1 hr between B and Assembly (restaurant) - sprinkler		
		708	1 hr Mechanical Shaft < 4 stories		
		1022.1	1 hr Stair Shaft < 4 stories		
		1018.1	1/2 hr Corridor	38.3.6.1.2	0 hr corridor
		508.2.5	1 hr Boiler Room	38.3.2.1.1	1 hr Boiler Room
		508.2.5	1 hr Trash Room	38.3.2.1.1	1 hr Trash Room
		508.2.5	1 hr Storage Room	38.3.2.1.1	1 hr Storage Room
Distances and Exits		1021.2	1 means of egress B - 75' of travel max and 49 occupants.	38.2.4.3	1 means of egress from Business with less than 100' of travel distance to exit
		1016.1	250' Travel Distance to exits with Sprinklers	38.2.6.2	300' Travel distance not sprinkled
		1014.3	100' Common Path of Travel		
		1018.4	50' Dead End		
Unprotected Openings		T 705.8	15% when exterior wall sep. dist. is 3'>5'		
		T 705.8	45% when exterior wall sep. dist. is 10'>15'		
		T 705.8	75% when exterior wall sep. dist. is 15'>20'		
		T 705.8	Unlimited when exterior wall sep. dist. is 25'>30'		
		T 705.8	Unlimited when exterior wall sep. dist. is >30'		
Egress Stairs		1009.1	Occ. Load >50 = 44" min width	24.2.5.4	36" min. stair width
		1009.1	Occ. Load <=50 = 36" min width	7.2.2.2.1.2(B)	44" min. over 50 occ.
		1003.3	Handrails can protrude into stair 4.5" max	7.2.2.2.1.2	Handrails can protrude into stair 4.5" max
		1005.2	Door Swings may not reduce egress width by > 1/2		
		1009.2	80" min headroom	7.2.2.2.1.1(a)	6'-8" min. headroom
		1009.3	7" max. riser	7.2.2.2.1.1(a)	7" max. riser
		1009.3	11" min Tread depth	7.2.2.2.1.1(a)	11" min. tread
		1009.6	12' max. total rise between floors or landings	7.2.2.2.1.1(a)	12' max. height between landings
Ramps		1010.2	1:12 (8%) Max slope	7.2.5.2(a)	1:12 max. slope

		1010.6	60" long landings at top and bottom		
		1010.6	2% max slope of landings	7.2.5.2(a)	1:48 max. cross slope
		1010.8	>6" rise must have handrails on both sides of ramp		
Egress Corridors		1018.2	44" min. when Occ. > 50		
		1018.2	36" min. when Occ. <= 50		
		1018.2	24" min. at service corridors to mechanical equipment		
Accessibility		Ch 11 of IBC 2009 does not apply as State of ME did not adopt it as part of MUBEC			
		Must meet ADA 2010			
Plumbing 2015 UPC	Business	422.2 exception #3 Business use with less than 50 occupants, a single toilet room to be used by both sexes is allowed			