Supplied by Book Supply Bureau Under the License from BIS for LARSEN AND TOUBRO CONSTRUCTION - MANAPAKKAM, CHENNAI ON 17-03-2017 08:57:36 (123.63.24.35) valid upto31-12-2017

Table 7 Minimum Requirements for Fire Fighting Installations

[*Clauses* 4.9(a), 4.9(c), 4.9(e), 5.1.1(a), 5.1.1(d), 5.1.2.1, 5.1.3(a), E-7, H-2(f) *and* Table 2]

Sl No.	Type of Building Occupancy	Type of Installation								Water Supply (litre)		Pump Capacity (litre/min)	
		Fire Exting-uisher	First Aid Hose Reel	Wet Riser	Down Comer	Yard Hydrant	Automatic Sprinkler System	Manually Operated Electronic Fire Alarm Systems (*see* Note 1)	Automatic Detection and Alarm System (*see* Note 2)	Under-ground Static Water Storage Tank Combined Capacity for Wet Riser, Yard Hydrant and Sprinklers per Set of Pumps	Terrace Tank over Respective Tower Terrace	Pump Near Underground Static Water Storage Tank (Fire Pump) with Minimum Pressure of 3.5 kg/cm^2 at Remotest Location	At the Terrace Tank Level with Minimum Pressure of 3.5 kg/cm^2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RESIDENTIAL BUILDINGS (A)													
a)	**Lodging and Rooming Houses (A-1)** (*see* Note 3)												
1)	Less than 15 m in height												
	i) Up to 15 rooms	R	NR	NR	NR	NR	R (*see* Note 4)	NR	NR	NR	5 000 (*see* Note 5)	NR	NR
	ii) More than 15 and up to 30 rooms	R	R	NR	NR	NR	R (*see* Note 4)	NR	NR	NR	5 000 (5 000) (*see* Note 6)	NR	450 (450) (*see* Note 6)
	iii) More than 30 rooms	R	R	NR	NR	NR	R (*see* Note 4)	R (*see* Note 7)	NR	NR	10 000 (5 000) (*see* Note 6)	NR	450 (450) (*see* Note 6)
b)	**One or two Family Private Dwellings (A-2)** (*see* Note 3)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
c)	**Dormitories (A-3) and Apartment Houses (A-4)**												
1)	Less than 15 m in height	R	R	NR	NR	NR	R (*see* Note 4)	NR	NR	NR	5 000 (5 000) (*see* Note 6)	NR	450 (450) (*see* Note 6)

Supplied by Book Supply Bureau Under the License from BIS for LARSEN AND TOUBRO CONSTRUCTION - MANAPAKKAM, CHENNAI ON 17-03-2017 08:57:36 (123.63.24.35) valid upto31-12-2017

Supplied by Book Supply Bureau Under the License from BIS for LARSEN AND TOUBRO CONSTRUCTION - MANAPAKKAM, CHENNAI ON 17-03-2017 08:57:36 (123.63.24.35) valid upto31-12-2017

Table 7 — (*Continued*)

Sl No.	Type of Building Occupancy	Type of Installation								Water Supply (litre)		Pump Capacity (litre/min)	
		Fire Exting-uisher	First Aid Hose Reel	Wet Riser	Down Comer	Yard Hydrant	Automatic Sprinkler System	Manually Operated Electronic Fire Alarm Systems (*see* Note 1)	Automatic Detection and Alarm System (*see* Note 2)	Under-ground Static Water Storage Tank Combined Capacity for Wet Riser, Yard Hydrant and Sprinklers per Set of Pumps	Terrace Tank over Respective Tower Terrace	Pump Near Underground Static Water Storage Tank (Fire Pump) with Minimum Pressure of 3.5 kg/cm^2 at Remotest Location	At the Terrace Tank Level with Minimum Pressure of 3.5 kg/cm^2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2)	15 m and above but not exceeding 35 m in height	R	R	NR	R	NR	R (*see* Note 4)	R (*see* Note 8)	NR	NR	25 000	NR	900
3)	Above 35 m but not exceeding 45 m in height	R	R	R	NR	NR	R (*see* Note 4 and Note 9)	R	NR	75 000	5 000	(*see* Note 10)	NR
4)	Above 45 m in height but not exceeding 60 m in height	R	R	R	NR	R	R	R	NR	150 000	10 000	(*see* Note 11)	NR
5)	Above 60 m in height	R	R	R	NR	R	R	R	R	200 000	10 000	(*see* Note 12 & Note 13)	NR
d)	**Hotels (A-5)**												
1)	Less than 15 m in height												
	i) Floor area not exceeding 300 m^2 on any of the floor	R	R	NR	NR	NR	R (*see* Note 4)	R	NR	NR	5 000 (5000) (*see* Note 6)	NR	450 (450) (*see* Note 6)
	ii) Floor area exceeding 300 m^2 but not more 1 000 m^2 on any of the floor	R	R	R (*see* Note 7)	NR	NR	R (*see* Note 4)	R	R	10 000 for every 500 m^2 floor area subject to minimum of 50 000 (*see* Note 7)	10 000 (5000) (*see* Note 6)	(*see* Note 14 in case of provision of wet riser)	450 (450) (*see* Note 6)
	iii) Floor area exceeding 1 000 m^2 on any of the floor	R	R	R (*see* Note 15)	NR	R	R	R (*see* Note 1)	R	100 000 (*see* Note 15)	10 000 (*see* Note 4)	(*see* Note 15 and Note 14)	NR

Supplied by Book Supply Bureau Under the License from BIS for LARSEN AND TOUBRO CONSTRUCTION - MANAPAKKAM, CHENNAI ON 17-03-2017 08:57:36 (123.63.24.35) valid upto31-12-2017