

GOVERNMENT OF TELANGANA STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT NO OBJECTION CERTIFICATE FOR OCCUPANCY



The Director General State Disaster Response and Fire Services, Telangana, Hyderabad.

SRI.D.PADMA REDDY, H.NO.1-33/17, Sy no: 86/B Near Dhola re Dhani Kompally (V) Gandi Maissama Mandal,

Telangana, Hyde	rabad.	Medchal Dist. T.S.,	The second secon
	Ack. No.113460002018Da	ated:06/01/2022	南のは金属
2.4			是如此的是
Sir, Sub:	DEPARTMENT –. Issue of No Objection Cer Building of Sri chaithany	rtificate for Occupancy to the Multi storeyed ya school,Sy.No.86/B. Kompally (V & adal, R.R.Dist. /-Kompally/Dundigal hal, Hyderabad – Regarding.	
Ref:	Acknowledgement No. This Office Provisiona No. 16: Storaged Building	113460002018 l NOC Ack/RC No.0 dt.17/02/2018 ng Inspection Committee Report,. 460002018, dt. 06/01/2022 ***** *****	

The Multi Storeyed Building Inspection committee, vide reference cited (3) has inspected the Multi Storeyed Building of Sri chaithanya school, Sy. No. 86/B. Kompally (V & G.P), Quthbullapur Mandal, R.R.Dist. /-Kompally/Dundigal Gandimaisamma/Medchal on 06/01/2022 and submitted the following report.

2) The builder was issued Provisional No Objection certificate vide reference cited (2) for construction of Multi Storeyed Building 1 Cellars, 1 Ground, 5 Floors, with for EDUCATIONAL B-1 Schools up to senior secondary level. Now the builder has constructed the Multi Storeyed Building with 1 Cellars,1 Ground, 5 Floors, with a height of 19.00 Meters for EDUCATIONAL B-1 Schools up to senior secondary level Occupancy and requested for No Objection Certificate for Occupancy.

3) Open Spaces: The builder provided the following open spaces all around the building.

Open SI No	Spaces:	The builder provided the following open spaces all around the building. Open space Required as per Provisional No Objection Certificate	Open space Provided
1	North	7.00	7.00
2	South	7.00	7.00
3	Lucio	7.00	7.00
4	West	7.00	

This is not stepped type building.

13 13 1100 5	epped type building.	Required	Provided
Sl. No	Gate Width As per NBC 2016	4.50	6.00
1	Entry gate width	5.00	6.00
2	Entry Gate Head Clearance	4.50	6.00
3	Exit Gate Width	5.00	6.00
4	Exit Gate Head Clearance	5.00	

l. Team	Distance // Description	Required (Not More than in Mtrs.)	Provided
lo. Fart	/ Description nest point (Most Remote Point) With in a storey or a mezzanine floor to	30.00	29.32
	loor to an Exit. Dead end of the corridor length in exit access. (6 mtrs for Educational,	6.00	6.00

the Parcett	Caraca	and Assembly as per NBC 20)16)	rs for other Oc			No of staircases	Floors fro	om F	loors to
air	Type of	staircases	,,,,		Company of the Part of the Par	In Mtrs)	No of staircases	Cellar		errace
4	Internal	staircases			1.75	plant from the late of the species	1	Cellar	T	errace
-	External	staircases			1.10	BUTATION AND STREET OF THE STREET	2	Ground	T	errace
	External	staircases		and the same of th	1.25	PROPERTY AND ADDRESS OF THE PERSON NAMED IN	1	Cellar	G	round
	Ramp(U	sed for Mover	ment of	vehicles)	0.00				- A WILLIAM	
	(Marketon)	TI W:-	. Dotail						Means	of
[ear	ns of Esc	ape Floor Wis	se Detail	5		Occupan	Means of escape rec	quired as	escape	
ı F		uil-up Area	Type of	Occupancy		t Load	per table 21 of NBC	đ	Provid	LI .
- 1	ype in	Sq.Mtrs	TJP					According to the control of the cont	9.50	ucu
-	Cellar 2	056.17	Parking			514.00	5.14	The second second second second	1	
-	Carona		EDUCA	TIONAL B-1	Schools	499.00	4.50		5.35	The state of the s
- 1	d 1	995.36	un to senior secondary level				The second secon		1	
	1 -4	225 26	EDUC	ATIONAL B-1	Schools	499.00	4.50		5.35	
- 8	Floor 1	995.36	up to se	nior secondary	y level				5.25	MALL OF PROPERTY AND ADDRESS OF THE PARTY OF
	2.1	995.36	EDUC.	ATIONAL B-1	School	s 499.00	4.50		5.35	
	Floor	993.30	up to se	enior secondar	y level		The state of the s	AND ASSESSMENT OF THE PERSONNELS.	5.35	
	2 1	995.36	EDUC.	ATIONAL B-	r level	499.00	4.50	5000 Hadda 22-7 Co. 4	3.33	
- 1	Floor	. 775.50	up to s	enior secondar ATIONAL B-	1 School	\$	1.50	77	5.35	
- 1	4th	1995.36	EDUC	enior secondar	v level	499.00	4.50		15.55	
	Floor		up to s	ATIONAL B-	1 School	S 400 00	4.50	randos en la rende de constituir de	5.35	
	5th	1995.36	EDUC	enior secondar	v level	499.00	4.50	-		
	Floor									
	G1 C	alongo ?	24 and	ANNEX E (E-	2) of par	t 4 NBC 20	016.	Provided		
.Fu	/ Descr	intion	24 and			THE RESIDENCE OF THE PARTY OF T	The second secon	2	-	
photos micro	CI O IT	1 : F	nest intereses per atmentite	NOT ANY PROPERTY OF THE PARTY O		2		14		
1).	Floor Wi	se details of F	ire Figh	ting Installation	ns:			-1		
1	Shaft / Fire Lift Floor Wise details of I				15.		ic Automate detection and			
	Floor	Fire	Hose	Automatic	1	Manually (Operated Electronic			ection and
l.n	Floor	Fire Extinguish	Hose	Automatic Sprinklers Sy	1	Manually (Fire Alarn	Operated Electronic 1 System	alarm s		ection and
l.n	Details	Fire Extinguish er	Hose Reel	Automatic Sprinklers Sy	ystem 1	Fire Alarn	Operated Electronic System	alarm s		ection and
l.n	Details Cellar	Extinguish er 11.00	Hose Reel	Automatic Sprinklers St 229.00	ystem 1	Fire Alarm 3.00	Operated Electronic System	0.00 0.00		ection and
l.n	Details Cellar Ground	Extinguish er 11.00 1 10.00	Hose Reel 3.00 2.00	Automatic Sprinklers Sy 229.00 0.00	ystem 1	Fire Alarn	Operated Electronic System	alarm s		ection and
l.n	Details Cellar Ground 1st Flo	Extinguish er 11.00 1 10.00 or 10.00	Hose Reel 3.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00	ystem 1	Fire Alarm 3.00 2.00 2.00	Operated Electronic System	0.00 0.00		ection and
l.n	Details Cellar Ground 1st Flo 2nd	Extinguish er 11.00 1 10.00	Hose Reel 3.00 2.00	Automatic Sprinklers Sy 229.00 0.00	ystem 1	Fire Alarm 3.00 2.00	Operated Electronic System	0.00 0.00 0.00 0.00		ection and
l.n	Details Cellar Ground 1st Flo 2nd Floor	Extinguish er 11.00 10.00 10.00	Hose Reel 3.00 2.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00 0.00	ystem I	3.00 2.00 2.00 2.00	Operated Electronic System	0.00 0.00 0.00 0.00		ection and
l.n	Cellar Ground 1st Flo 2nd Floor 3rd	Extinguish er 11.00 1 10.00 or 10.00	Hose Reel 3.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00	ystem I	Fire Alarm 3.00 2.00 2.00	Operated Electronic i System	0.00 0.00 0.00 0.00 0.00		ection and
l.n	Cellar Ground 1st Flo 2nd Floor 3rd Floor	Fire Extinguish er 11.00 10.00 10.00 10.00	Hose Reel 3.00 2.00 2.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00 0.00 0.00	ystem I	Fire Alarm 3.00 2.00 2.00 2.00 2.00	Operated Electronic System	0.00 0.00 0.00 0.00		ection and
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l.n	Cellar Ground 1st Flo 2nd Floor 3rd Floor 4th Floor	Fire Extinguish er 11.00 1 10.00 10.00 10.00 10.00	Hose Reel 3.00 2.00 2.00 2.00 2.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00 0.00 0.00 0.00	ystem I	Fire Alarm 3.00 2.00 2.00 2.00 2.00	Operated Electronic System	0.00 0.00 0.00 0.00 0.00		ection and
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I.n 7 Fin Fin	Details Cellar Ground 1st Floor 2nd Floor 3rd Floor 4th Floor 5th Floor . Fire Fig re Fighti re Exting	Fire Extinguish er 11.00 1 10.00 10.00 10.00 10.00 10.00 10.00 20 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	Hose Reel 3.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	Automatic Sprinklers Sy 229.00 0.00 0.00 0.00 0.00 0.00 0.00	ystem	3.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	Operated Electronic System	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	system ed As	Provided 71 15
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Fin Fin M Teks	Details Cellar Ground 1st Floor 2nd Floor 3rd Floor 4th Floor 5th Floor i. Fire Fighti re Exting ret Aid H own Con utomatic fanually (errace Ta ump Cap g/cm^2	Fire Extinguish er 11.00 1 10.00 10.00 10.00 10.00 10.00 10.00 10.00 2hting Installar ng System. uishers tose Reel ner Sprinkler Sys Operated Elect nk over Respectative in LPM is	# Hose Reel 3.00 2.	Automatic Sprinklers Sy 229.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	NBC 20	3.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00		alarm s 0.00	ed As C	Provided 71 15 2 229 15 25000 900

	a) Openings in Service ducts and shafts allowing building services like cables, Electrical wirings, Telephone
^	a) Openings in Service ducts and shafts allowing building services like cables, Electrical warms, and shafts allowing building services like cables, Electrical warms, and shafts allowing building services like cables, Electrical warms, and cables, plumbing pipes etc., shall be protected by enclosure in the form of ducts / shaft having a fire resistant's
1	cables, plumbing pipes etc., shan ee province
	not less than 120 min. b) The inspection door for electrical shafts / ducts have fire resistance rating of 120 min b) The inspection door for electrical shafts / ducts are armoured type or run through metal conduits.
	b)The inspection door for electrical shafts / ducts have fire resistance rating of 120 mm b)The inspection door for electrical shafts / ducts are armoured type or run through metal conduits. c)Medium and low voltage wiring running in shafts / ducts are armoured type or run through metal conduits.
	c)Medium and low voltage wiring running in shafts / ducts are armoured type of full through income c)Medium and low voltage wiring running in shafts / ducts are armoured type of full through income c)Medium and low voltage wiring running in shafts / ducts are armoured type of full through income continued type of full through income c
	d)The space between the electrical cables/conduits and the walls/slabs are fined in by a fire resistance rating of not less than 120 min. This shall exclude requirement of fire stop sealing for low voltage fire resistance rating of not less than 120 min. This shall exclude requirement of size and the building, the
	fire resistance rating of not less than 120 min. This shall exclude requirement of the step states fire resistance rating of not less than 120 min. This shall exclude requirement of the step states fire resistance rating not less than 30 min
	services shaft. For plumbing shafts in the core of the building, with shaft door opening inside the building, the shafts shall
	e) For plumbing shafts in the core of the building, with shafts have inspection doors having fire resistance rating not less than 30 min
	have inspection doors having the resistance value. Vertical openings Fire Protection as per Clause- 3.4.5.6 Vertical openings Fire Protection as per Clause- 3.4.5.6
	Vertical openings Fire Protection as per Clause- 3.4.5.6 a) Every vertical opening between the floors of a building is suitably enclosed or protected, as necessary, to
	a) Every vertical opening between the research
2.	provide the following: Provide the following: Reasonable safety to the occupants while using the means of egress by preventing spread of fire, smoke, or Reasonable safety to the occupants while using the means of egress by preventing spread of fire, smoke, or Reasonable safety to the occupants to complete their use of the means of
	Reasonable safety to the occupants while using the means of egress by preventing spread of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of floor to floor t
	fumes through vertical openings from floor to fl
	egress. Further it shall be ensured to provide a cross-
	b) Limitation of damage to the building and its contents.
	Electrical Installation as per Clause – 3.4.6 Electrical Installation as per Clause – 3.4.6 (For requirements regarding installations from the point of view of fire safety, reference may be made to good (For requirements regarding installations and Allied Installations. Of the Code.)
	(For requirements regarding installations from the point of view of the states), the Code.) practice [4(6)] and 8. Building Services, Section 2 Electrical and Allied Installations. Of the Code.) practice [4(6)] and 8. Building Services, Section 2 Electrical and Allied Installations. Medium and low
3.	practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services, Section 2 Electrical and Affied Instantations of practice [4(6)] and 8. Building Services [4(6)] and 8. Building
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	voltage wiring running in sharts and within faise ceiling shall have 660 V grade insulation. lighting or other services, above false ceiling, shall have 660 V grade insulation. lighting or other services, above false ceiling, shall have 660 V grade insulation.
	lighting or other services, above false ceiling, shall have 660 V grade insulation. lighting or other services, above false ceiling, shall have 660 V grade insulation. b) The electric distribution cables/wiring are laid in a separate shaft. The shaft is sealed at every floor with fire b) The electric distribution cables/wiring are laid in a separate shaft. The shaft is sealed at every floor with fire b) The electric distribution cables/wiring are laid in a separate shaft. The shaft is sealed at every floor with fire
	b) The electric distribution cables/wiring are laid in a separate shaft. The shaft is scaled at every stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running stop materials having the same fire resistance as that of the floor.
	stop materials having the same fire resistance as that of the
	in shaft and in false ceiling shall run in separate shaft/conduits. c) Water mains, gas pipes, telephone lines, intercom lines or any other service line shall not be laid in the duct c) Water mains, gas pipes, telephone lines, intercom lines or any other service line shall not be laid in the duct collid rising mains instead of cables is preferred.
	c) Water mains, gas pipes, telephone lines, intercont lines of any other for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred. for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred.
	for electrical cables; use of bus ducis/solid rising mans in Clause- 3.4.6.2
	Emergency power for fire and life safety systems as per for functioning of fire and life safety
	Emergency power for fire and life safety systems as per Clause-3.4.0.2 Emergency power supplying distribution system for critical requirement for functioning of fire and life safety Emergency power supplying distribution system for critical requirement for functioning of fire and life safety system and equipment planned for efficient and reliable power and control supply to the following systems and system and equipment planned for efficient and reliable power and control supply to the following systems and
4.	system and equipment planned for efficient and remains personal system.
	equipment is provided
-	equipment is provided
1	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators.
-	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts).
	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts). d) Exit signage lighting.
	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts). d) Exit signage lighting. e) Emergency lighting.
	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts). d) Exit signage lighting. e) Emergency lighting.
	equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts). d) Exit signage lighting. e) Emergency lighting. f) Fire alarm system. g) Public address (PA) system (relating to emergency voice evacuation and annunciation).
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10	ervice circuits shall be clearly labeled. O Cables for fire alarm and PA system shall be laid in metal conduits or armoured to provide physical
- 10	Cables for fire alarm and PA system shall be laid in metal conduits of armound to provide pay
16	Substation/Transformers fire safety as per Clause
	a) The substation area is adequately ventilated. b) An independent, ventilated or air conditioned MV panel room provided on the ground level or first basement. c) An independent, ventilated or air conditioned MV panel room provided on the ground level or first basement. c) An independent, ventilated or air conditioned MV panel room provided on the ground level or first basement.
	1) The substation area to the first conditioned MV panel room provided on the ground level of the december.
	o) An independent, ventilated or air conditioned MV panel room provided on the ground level of the MV This room is provided with access from outside (or through exit passageway accessible from outside). The MV This room is provided with access from outside (or through exit passageway accessible from outside). The MV
ľ	This room is provided with access from outside (or through exit passageway deed). This room is provided with fire resistant walls and doors of fire resistance of not less than 120 min. panel room is provided with fire resistant walls and doors of fire resistance of not less than 120 min. The resistant walls and doors of fire resistance of not less than 120 min. The resistance of not less than 120 min.
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	c) If the licensees agree to provide meters on upper floors, the licensees capies is segregated. Cables by providing a partition in the shaft. Meter rooms on upper floors shall not open into staircase enclosures capies by providing a partition in the shaft. Meter rooms on upper floors shall not open into staircase enclosures capies by providing a partition in the shaft. The provides of the licensees capies is segregated as a segregated and the licensees capies is segregated.
	Cables by providing a partition in the shaft. Meter rooms on upper floors shaft for partition in the shaft. Meter rooms on upper floors shaft for partition and ventilated directly to open air outside or in electrical room of 120 min fire resistant walls. and ventilated directly to open air outside or in electrical room of 120 min fire resistant walls.
	and ventilated directly to open air outside of in creatives are provided with CO2/inert gas flooding system for all
	panel compartments with a cylinder located beside the panel
	Oil filled substation fire safety as per Clause - 3.4.0.0.1
	A substation or a switch-station with oil fined equipment and a record from the adjoining building(s).
	outdoor location. Such substation/utility building shall have fire rated baffle walls
	Substation equipment (exceeding on capacity of 2 so that the et least 600 mm above the height of the
6.	of 240 min rating constructed between such equipment, raised to at least ooo min door of the equipment. All
	of 240 min rating constructed between such equipment, raised to at least 000 mm and each side of the equipment. All equipment (including height of oil conservators) and exceeding 300 mm on each side of the equipment. All equipment (including height of oil NAVA shall be protected by high velocity water spray systems or
	equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding 300 him off cach side of the first equipment (including height of oil conservators) and exceeding a side of the first equipment (including height of oil conservators) and exceeding the first equipment (including height of oil conservators) and exceeding the first equipment (including height of oil conservators) and exceeding the first equipment (including height of oil conservators) and exceeding the first equip
	nitrogen injection system.
	nitrogen injection system. Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building
	Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located mode a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance type and all substation shall be provided from the nearest fire exit/exit staircase for the
7.	type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation/switch room walls, ceiling, floor, opening including doors shared type and all substation shall be provided from the nearest fire exit/exit staircase for the rating of 120 min. Access to the substation shall be provided from the nearest fire exit/exit staircase for the
	rating of 120 mm. Access to the sussessment
	purpose of electrical isolation.
	Standby supply as per clause -3.4.6.4 a) Diesel generator set(s) shall not be installed at any floor other than ground/first basement. If the same are a) Diesel generator set(s) shall not be installed at any floor other than ground/first basement. If the same are
8.	a) Diesel generator set(s) shall not be installed at any floor other than ground/first customers. a) Diesel generator set(s) shall not be installed at any floor other than ground/first customers. installed indoors, proper ventilation and exhaust shall be planned. The DG set room shall be separated by 120 installed indoors, proper ventilation and exhaust shall be planned.
0.	installed indoors, proper ventilation and exhibits of the state of the
	min fire resistance rated walls and doors.
	min fire resistance rated walls and doors. b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure having a box (if not in the base of the DG) shall be provided with a dyked enclosure ha
	volumetric capacity of at least 10 percent more than
	gand for a height of 300 mm.
-	Lightning protection of buildings as per clause – 3.4.6.5 Routing of down conductors (instance of Lightning protection of buildings as per clause – 3.4.6.5 Routing of down conductors (instance of Lightning protection through electrical or other service shafts are not allowed as it can create fire uninsulated) of lightning protection through electrical or other services, Section 2 Electrical and Allied
	uninsulated) of lightning protection through electrical of other services. Section 2 Electrical and Allied
9.	and explosion during lightning. For details, see Fair's 12.
	Installations' of the Code.
-	Escape Lighting and Exit Signage as per Clause 3.4.7 Exit access, exits and exit discharge shall be identified, with adequate lighting maintained in the elements of the egress systems so that all occupants shall be
10	identified with adequate lighting maintained in the elements of the egress systems so that an every
10.	able to leave the facility safely.
_	Lighting as per Clause – 3.4.7.1 Lighting as per Clause – 3.4.7.1
	Lighting as per Clause – 3.4.7.1 a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of a) The exit, exit access and exit discharge systems shall be illuminated continuously.
11.	a) The exit, exit access and exit discharge systems shall be illuminated continuously. egress shall be illuminated at all points, including angles and intersections, in corridors and passageways,
	stairwells, landings of stairwells and exit.
	stairwells, landings of stairwells and exit. b) Emergency lighting shall be powered from a source independent of that supplying the normal lighting.
	b) Emergency righting shall be capable of, c) Escape lighting shall be capable of,
	i) indicating clearly and unambiguously the escape routes; i) indicating clearly and unambiguously the escape routes;
	i) indicating clearly and unambiguously the escape routes; ii) providing adequate illumination along such routes to allow safe movement of persons towards and through
	ii) providing adequate mulmutton diong out
	the exits; and iii) ensuring that fire alarm call points and firefighting equipment provided along the escape routes can be
	iii) ensuring that fire alarm call points and mengions of 1
	readily located.
-	d) The horizontal luminance at floor level of the controller of the route width shall be lit to a minimum
	lumen/m2. In addition, for escape routes up to 2 in wide, 5 per places of assembly, the illumination of
	of 5 lumen/m2. In auditoriums, theatres, concert hans and such as luce not less than 2 lux.
	floor exit/access may be reduced during period of period
	floor exit/access may be reduced during period of performances to values not less than 2 tank. e) Required illumination shall be arranged such that the failure of any single lighting unit, such as the burning e) Required illumination shall be arranged such that the failure of any single lighting unit, such as the burning of the system.
THE PERSON NAMED IN COLUMN NAM	e) Required illumination shall be arranged such that the failure of any single fighting days, every control of one luminaire, will not leave any area in darkness and does not impede the functioning of the system out of one luminaire, will not leave any area in darkness and does not impede the functioning of the system.
C PROPERTY OF THE PARTY OF THE	Curtor City normal lighting curnly
	further. f) The emergency lighting shall be provided to be put on within 5 s of the failure of the normal lighting supply. Also, emergency lighting shall be able to maintain the required illumination level for a period of not less than 90 and 10 cm.
- Lance	ITI THE CHICIGORY Indiana of the control of the con
	Also emergency lighting shall be able to maintain the required maintain to the same

	min in the event of failure of the normal lighting even for smaller premises. g) Battery pack emergency lighting, because of its limited duration and reliability, shall not be allowed to be
te	But a real amergency lighting, because of its illifted dutation
	used in lieu of a diesel engine driven emergency power supply.
	used in lieu of a diesel engine driven emergency power supply. h) Escape lighting luminaires should be sited to cover the following locations:
	i) Near each intersection of corridors,
	1) Near each intersection of contracts,
	ii) At exits and at each exit door,
	iii) Near each change of direction in the escape route, iii) Near each change of direction in the escape route,
-	iii) Near each change of direction in the escape rous, iv) Near each staircase so that each flight of stairs receives direct light,
and the same	Near any other change of floor level,
- Charles and the Control of the Con	(vi) Outside each final exit and close to it,
-	vii) Near each fire alarm call point,
MATERIA DE LA CONTRACTION DEL CONTRACTION DE LA	viii) Near firefighting equipment, and ix) To illuminate exit and safety signs as required by the enforcing authority. ix) To illuminate exit and safety signs as required by the enforcing authority.
-	ix) To illuminate exit and safety signs as required by the emoting authorsy. i) The luminaires shall be mounted as low as possible, but at least 2 m above the floor level. i) The luminaires shall be mounted as low as possible, but at least 2 m above the floor level.
	Compare required at all exits, efficiency exits and escape
	requirements of the relevant Indian Standards.
	requirements of the relevant Indian Standards. requirements of the relevant Indian Standards. Exit passageway Provided as per clause – 3.4.7.2. (at ground) and staircase lighting is to be connected to Exit passageway Provided as per clause – 3.4.7.2. (at ground) and staircase lighting is to be connected to
	Exit passageway Provided as per clause – 3.4.7.2. (at ground) and stancase righting to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged
12.	alternative supply. The alternative source
	from the electric mains Suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements are per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting suitable arrangements are per clause – 3.4.7.3 Installation of double throw switches to ensure the suitable arrangements are per clause – 3.4.7.3 Installation of double throw switches to ensure the suitable arrangements are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches are per clause – 3.4.7.3 Installation of double throw switches – 3.4.7.3 Installation of double throw switches – 3.4.7.3 Installation of double throw switches – 3
	Suitable arrangements as per clause – 3.4.7.3 Installation of double throw switching simultaneously. installed in the staircase and the corridor does not get connected to two sources of supply simultaneously.
13	installed in the staircase and the corridor does not get commenting the stand-by supply.
res 1510	Double throw switch shall be installed in the service form of large 3.48 Air conditioning and ventilating
-	Air Conditioning, Ventilation and Smoke Control as per clause – 3.4.8 All conditioning and Air Conditioning, Ventilation and Smoke Control as per clause – 3.4.8 All conditioning are smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from systems and spread of fire structure.
	eystems shall be so installed and maintained as to minimise the danger of spread of the, smoke of spread of the
1.4	systems shall be so installed and maintained as to minimise the danger of speed of the systems shall be so installed and maintained as to minimise the danger of speed of the system systems shall be so installed and maintained as to minimise the danger of speed of the system of the
14.	one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure. Wherever determined one floor to other or from outside to any occupied building of structure.
	manufacturer's instructions.
	manufacturer's instructions.
	Clause 3482
ACCURATION NO.	Air handling unit as per Clause -3.4.8.2
	Air handling unit as per Clause -3.4.8.2 a) From fire safety point of view, separate air handling units (AHU) for each floor shall be provided so as to
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na	As per Clause 3.4.8.3.6 Inspection panels shall be provided in the ductwork to facilitate the cleaning
i)	As per Clause 3.4.8.3.6 Inspection panels shall be provided in decision access for maintenance of fire dampers.
ac	As per Clause 3.4.8.4 Fire or fire/smoke dampers 3.4.8.4.1 These dampers shall be evaluated to be located in As per Clause 3.4.8.4 Fire or fire/smoke dampers 3.4.8.4.1 These dampers shall be evaluated to be located in
j)	As per Clause 3.4.8.4 Fire or fire/smoke dampers 3.4.6.1.1. apply air ducts, fresh air and return air ducts/ passages at the following points:
SI	apply air ducts, fresh an and return and
i)	At the fire separation wall, Where ducts/passages enter the vertical shaft,
ii) Where ducts/passages enter the vertical and
i	i) Where the ducts pass through floors, and i) Where the ducts pass through floors, and v) At the inlet of supply air duct and the return air duct of each compartment on every floor. v) At the inlet of supply air duct and the return air duct of each compartment on every floor.
	(v) At the inlet of supply air duct and the return air duct of each compartment on every floor. (v) At the inlet of supply air duct and the return air duct of each compartment on every floor. (v) At the inlet of supply air duct and the return air duct of each compartment on every floor. (v) As per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be so installed to a per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be so installed to a per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be so installed to a per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be so installed to a per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be so installed to a per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link.
ŀ	As per Clause 3.4.8.4.2 Damper shall be of motorized type/fusible link. Damper shall be of motorized type/fusible link. Damper shall be of motorized type/fusible link. Damper shall be or provide complete integrity of the compartment with all passive fire protection sealing. Damper should be provide complete integrity of the compartment with all passive fire protection sealing. Damper should be provide complete integrity of the compartment with all passive fire protection sealing. Damper should be provide complete integrity of the compartment with all passive fire protection sealing.
F	provide complete integrity of the compartment with all passive fire protection scannig. Buthips or provide complete integrity of the compartment with all passive fire protection scannig. Buthips or provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig. Buthips of the provide complete integrity of the compartment with all passive fire protection scannig.
a	accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required. Damper shall be integrated with the accessible to maintain, test and also replace, if so required and have interlocking arrangement for fire safety of the and shall be sequenced to operate as per requirement and have interlocking arrangement for fire safety of the accessible to access the accessible to the accessible
a	and shall be sequenced to operate as per requirement and have have have an accordance with Part 6. Structural Design, Section 8
11	ouilding. Manual operation facilities for damper operation shall also be provided. Structural Design, Section 8 Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part 6. Structural Design, Section 8 Glazing as per Clause –3.4.10.1 The entire glazing assembly shall be rated to that type of construction as given
	Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structural Besigns, of Glazing as per Clause –3.4.10.1 The glazing shall be in accordance with Part of Structura
5.	Glass and Glazing' of the Code. The entire glazing assembly shall be rated to that type of construction as general glazing as and Glazing' of the Code. The entire glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing assembly shall be rated to that type of construction as general glazing as general glazing assembly shall be rated to the construction as general glazing glazing glazing glazing glazing glazing glazing glazing glazing glazin
,.	in Table 1. This shall be applicable along with other provisions of this 1 are the passageway. therein. i) The use of glass shall not be permitted for enclosures of exits and exit passageway.
1	therein i) The use of glass shall not be permitted to
	Fire Command Centre (FCC) as per Clause- 3.4.12 Fire command centre shall be on the entrance floor of the building having direct access. The control room a) Fire command centre shall be on the entrance floor of the building having direct access. The control room a) Fire command centre shall be on the entrance floor of the building having direct access. The control room
, l	a) Fire command centre shall be on the entrance floor of the building having direct access. The command is a shall have the main fire alarm panel with communication system (suitable public address system) to aid floors shall have the main fire alarm panel with communication system (suitable public address system) to aid floors.
7.	about he wain fire alarm panel with communication
	and facilities for receiving the message from direction in the fire door and shall be provided
	b) Fire command centre shall be constructed with 120 min rating walls with a fire door and shall be properties of with emergency lighting. Interior finishes shall not use any flammable materials. All controls and monitoring of with emergency lighting. Interior finishes shall not use any flammable materials. All controls and monitoring of with emergency lighting. Interior finishes shall not use any flammable materials.
	with amergency lighting, Interior limities share the state of the same from this room.
	fire alarm systems, pressurization systems, smoke management systems CCTVs or any other critical parameters in building may
	fire alarm systems, pressurization systems, smoke management systems shall happen from this recent fire alarm systems, pressurization systems, smoke management systems shall happen from this recent fire alarm systems, pressurization systems, smoke management systems shall happen from this recent fire alarm systems, pressurization systems, smoke management systems shall happen from this recent fire alarm systems, pressurization systems, smoke management systems shall happen from this recent fire alarm systems of integrated building management systems, CCTVs or any other critical parameters in building management systems.
	also be from the same room. c) Details of all floor plans along with the details of firefighting equipment and installations (2 sets laminated c) Details of all floor plans along with the details of firefighting equipment and installations (2 sets laminated c).
acceptance of the second	c) Details of all floor plans along with the details of interigrand centre
	and bound) shall be maintained in fire command centre.
Mary Anna State Control of the Contr	and bound) shall be maintained in fire command centre. d) The fire staff in charge of the fire command centre shall be responsible for the maintenance of the various
	learning and firefighting equipment
and the same of th	General Exit Requirements as per clause – 4.2 4.2.3 General Exit Requirements as per clause – 4.2 4.2.3
18.	General Exit Requirements as per clause – 4.2 4.2.3 a) Every exit, exit passageway and exit discharge shall be continuously maintained free of all obstructions or a) Every exit, exit passageway and exit discharge shall be continuously maintained free of all obstructions or a) Every exit, exit passageway and exit discharge shall be continuously maintained free of all obstructions or
	a) Every exit, exit passageway and exit case of fire or other emergency. impediments to full use in the case of fire or other emergency. 4.2.7b) For non-naturally ventilated areas, fire doors with 120 min fire resistance rating shall be provided and 4.2.7b) For non-naturally ventilated areas, fire doors with 120 min fire resistance rating shall be provided and 4.2.7b) and stair well where a .funnel or flue effect' may be created, inducing an
Address	4.2.7b) For non-naturally ventilated areas, the doors where a funnel or flue effect' may be created, inducing an
	particularly at the entrance to int 1000y and start
	be a supply buildings (Group D) and
-	4.2.9c) Doors in exits shall open in the direction of exit. In case of assembly buildings (Group 2) and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such institutional buildings (Group C-1).
	lingitutional buildings (Group C-1), care don state in the movement of neonie descending
	entries to the stair shall be through a landing, so that
	entries to the stair shall be through a landing, so that such doors do not impede movement of people of entries to the stair shall be through a landing, so that such doors do not impede movement of people of entries to the stair shall be through a landing, so that such doors do not impede movement of people of entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing, so that such doors do not impede movement of people of the entries to the stair shall be through a landing through the entries to the stair shall be through a landing through the entries to the stair shall be through a landing through the entries to the stair shall be through a landing through the entries to the entries to the entries that the entries through the entries to the entries through the entr
	the nothway in the landing by more than har the water
	doors shall not be installed.
	doors shall not be installed. 4.2.11d) Unless otherwise specified, all the exits and exit passageways to exit discharge shall have a clear ceiling height of at least 2.4 m. However, the height of exit door shall be at least 2.0 m (see Fig. 5). height of at least 2.4 m. However, the height of exit door shall be at least 2.0 m (see Fig. 5).
	height of at least 2.4 m. However, the height of that a state of at least 2.4 m. However, the height of the state of at least 2.4 m. However, the height of the state of the s
	4.2.16a) Suitable means shall be provided so that an account of the smoke acts of terrorism,
-	other such exits shall automatically operate to open mode during chief such a master controlling device
	lete so that people can safely and quickly egioss into such
	may be installed at a strategic location to demove the
-	4.2.17f) Penetrations into and openings through an exit are prohibited except those necessary and a services. Such openings as well as vertical protection piping, ducts for pressurization and similar life safety services. Such openings as well as vertical protected by passive systems.
1	
	passage of shaft through floors shall be protected by passage.
-	Exit Access as per Clause – 4.4.1
	a) In order to ensure that each element of the means of egress and proper healt up in case of power failures.
1.0	a) In order to ensure that each element of the means of egress can be effectively utilized, they shall be provided with emergency power back-up in case of power failures. properly lit and marked. Lighting shall be provided with emergency power back-up in case of power failures.
19	1 1 - avit signs of adequate Size, marking, rotation,
	with the location of the exits may safely find their way. b) Exit access to fireman's lift and refuge area on the floor shall be step free and clearly signposted with the
1	with the location of the state and refuge area on the floor shall be step free and clearly signposted with the
- Comment	

(E) Exit access shall not pass through storage rooms, closets or spaces used for similar purpose.
15	Smoke control of exits as per Clause - 4.4.2.5 The proceed 20 Page Further, the pressure differential for
1	differences for lobbies (or corridors) shall be between 25 Pa and 50 Pa. Further, the present of the present to non-enclosed staircase adjacent to such lobby (or corridors) shall be 50 Pa. For enclosed staircases adjacent to non-enclosed staircase adjacent to such lobby (or corridors) shall be 50 Pa.
1	enclosed staircase adjacent to such lobby (of confidors) shall be 50 Po
	pressurized lobby (or corridors), the pressure differential shall be 50 Pa. The normal air conditioning system and the pressurization system shall be designed and interfaced to meet the
	The normal air conditioning system and the pressurization system shall be designed and interesting the following
2	· and of omergency services. Will the chicigoney proson
	the second has stopped and all extlaust all vented to white
MARKET STATE OF THE PARKET	1) Any oir supply to the spaces/areas other man exits sharr of stopped.
-	c) The exhaust system may be continued provided,
	c) The exhaust system may be continued provided, i) The positions of the extraction grills permit a general air flow away from the means of egress; ii) The positions of the extraction grills permit a general air flow away from the means of egress;
	i) The positions of the extraction grills permit a general air now away from the included by hot gases and ii) The construction of the ductwork and fans is such that, it will not be rendered inoperable by hot gases and
	smoke; and
	smoke; and iii) There is no danger of spread of smoke to other floors by the path of the extraction system which can be
	ensured by keeping the extraction fans running.
-	ensured by keeping the extraction fans running. For pressurized stair enclosure systems, the activation of the systems shall be initiated by signalling from fire
2.	For pressurized stair encreases by
	alarm panel. Pressurization system shall be integrated and supervised with the automatic/manual fire alarm system for
3.	Pressurization system shall be integrated in
	actuation Wherever pressurized staircase is to be connected to unpressurized area, the two areas shall be segregated by 120
4.	Wherever pressurized stancase is to be common in
	min fire resistant wall. Fresh air intake for pressurization shall be away (at least 4 m) from any of the exhaust outlets/grille.
5.	Fresh air intake for pressurization share of away (are
	Smoke Control as per clause – 4.6 a) Smoke Exhaust and Pressurization of Areas Above Ground Corridors in exit access (exit access corridor) are
6.	a) Smoke Exhaust and Pressurization of Areas Above Ground Corndols in Chit acceptance are most often created for meeting the requirement of use, privacy and layout in various occupancies. These are most often created for meeting the requirement of use, privacy and slooping accommodations.
0.	created for meeting the requirement of use, privacy and layout my accommodations.
	noted in hospitality, health care occupancies and sleeping accommodations. b) Exit access corridors of guest rooms and indoor patient department/areas having patients lacking self custodial, penal and mental institutions, etc,
	b) Exit access corridors of guest rooms and indoor parent departments custodial, penal and mental institutions, etc,
	b) Exit access corridors of guest rooms and indoor patient department areas naving pandon patient areas naving pandon pandon pandon pa
	shall be provided with 60 min fire resistant wall and 20 min series resolutions
	sealing of penetrations.
-	1 1t greatern having make-lin air and exhaust an system of atternation of
	supply air system for these exit access corridors shall be required.
-	supply air system for these exit access corridors shall be required. d) Smoke exhaust system having make-up air and exhaust air system shall also be required for theatres/auditoria.
	d) Smoke exhaust system having make-up air and exhaust air system shall also be required for large lobbies and which have exit through staircase leading Such smoke exhaust system shall also be required for large lobbies and which have exit through staircase leading such smoke controlled area to exit discharge.
	Such smoke exhaust system shall also be required for large tobbles and which have the system shall also be required for large tobbles and which have the system of the sys
	to exit discharge. This would enable eased exit of people through shock controlled area to exit discharge. The mechanical e) All exit passageway (from exit to exit discharge) shall be pressurized or naturally ventilated. The mechanical e) All exit passageway (from exit to exit discharge) shall be pressurized or naturally ventilated. The mechanical
	e) All exit passageway (from exit to exit discharge) shall be pressurized of hatdray pressurization system shall be automatic in action with manual controls in addition. All such exit passageway pressurization system shall be automatic in action with manual controls in addition. Doors provided in such exit
	pressurization system shall be automatic in action with manual controls in action with action with action with action with manual controls in action with manual controls in action with a control with action with action with action with a control with action with a control
	passageway shall be fire rated doors of 120 min rating.
politica de la constanta de la	
	f) Smoke exhaust system where provided, for above areas and occupancies shall have a minimum changes per hour smoke exhaust mechanism. Pressurization system where provided shall have a minimum
	changes per hour smoke exhaust mechanism. Tressurization by pressure differential of 25-30 Pa in relationship to other areas.
	g) The smoke exhaust fans in the mechanical ventilation system shart of the fact, smoke exhaust system or For naturally cross-ventilated corridors or corridors with operable windows, such smoke exhaust system or
	pressurization system will not be required. Smoke Exhaust and Pressurization of Areas Below Ground as per clause – 4.6.2 Smoke Exhaust and Pressurization of Areas Below Ground as per clause – 4.6.2
	Smoke Exhaust and Pressurization of Areas Below Ground as per long area (aggregate) not less than 2.5
0.5	a) Each basement shall be separately ventilated. Vents with closs sectional and the provided in the form of
27.	percent of the floor area spread evenly found the permitted of the oddstand
	grills, or breakable stall board lights or pavement lights or by way of shafts.
-	grills, or breakable stall board lights or pavement lights of by way of sharts. b) Alternatively, a system of mechanical ventilation system may be provided with following requirements: b) Alternatively, a system of mechanical ventilation system may be provided with following requirements:
-	b) Alternatively, a system of mechanical ventilation system may be provided with respectively. Alternatively, a system of mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress consistency of the control
	c) Mechanical ventilation system shall be designed to permit 12 all changes per float in call. However, for be as given in Part 8 Building Services, Section 3 Air conditioning Heating and Mechanical
	Ventilation of the Code. Ventilation of the Code.
_	Ventilation of the Code. d) In multi-level basements, independent air intake and smoke exhaust shafts (masonry or reinforced concrete) d) In multi-level basements, independent air intake and smoke exhaust shafts (masonry or reinforced concrete)
	d) In multi-level basements, independent air intake and smoke exhaust sharts (masses) for respective basement levels and compartments therein shall be planned with its make-up air and exhaust air for respective basement levels and compartments therein shall be planned with its make-up air and exhaust air
	for respective basement levels and compartments therein shall be planted with its matter applications for respective basement shall be planted with its matter applications for respective basements, in multi-level basements, fans located on the respective level and in the respective compartment. Alternatively, in multi-level basements, fans located on the respective level and in the respective compartments aligned at all the respective compartments aligned at all the respective compartments.
	fans located on the respective level and in the respective compartment. Attendatively, and a light and in the respective compartments aligned at all common intake masonry (or reinforced cement concrete) shaft may serve respective compartments aligned at all common intake masonry (or reinforced cement concrete) shafts may
	common intake masonry (or reinforced cement concrete) shart may serve respective complete basement levels. Similarly, common smoke exhaust/outlet masonry (or reinforced cement concrete) shafts may basement levels. Similarly, common smoke exhaust/outlet masonry (or reinforced cement concrete) shafts may
11	

	so be planned to serve such compartments at all basement levels. All supply air and exhaust air fans on
als	so be planned to serve such compartments at all basement levels. All supply all and exhaust the respective levels shall be spective levels shall be installed in fire resisting room of 120 min. Exhaust fans at the respective levels shall be spective levels shall be installed in fire resisting room of 120 min. Exhaust fans at the respective levels shall be
	practive levels shall be installed in the resisting rooms to the shaft ansuring complete isolation
	avided with back draft damper connection to the other compartments/11001s.
1	a compartmentation of floor isolation to chiminate appropriate and a second insanitation condition.
an	Due consideration shall be taken for ensuring proper drainage of such shalls to dvoid house. Stall board
(e)	Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation. Due consideration shall be taken for ensuring proper drainage of such shalls to avoid insantation.
In	elets and extracts may be terminated at ground level with stall board or pavement lights as every marked AIR INLET and pavement lights should be in positions easily accessible to the fire brigade and clearly marked AIR INLET and pavement lights should be in positions of area served at or near the opening.
ar	id pavement lights should be in postation of area served at or near the opening.
O	and pavement lights should be in positions easily accessive to the shoul
(f)	r SMOKE OUTLET with an indication of area served at or near the opening. Smoke from any fire in the basement shall not obstruct any exit serving the ground and upper floors of the
la-	wilding 111 Con rated that is 250°C for 120 min.
g	uilding. The smoke exhaust fans in the mechanical ventilation system shall be fire rated, that is, 250°C for 120 min. The smoke exhaust fans in the mechanical ventilation system shall be through provision of supply and exhaust air The smoke ventilation of the basement car parking areas shall be through provision of supply and exhaust air The smoke ventilation of the basement car parking areas shall be through provision of supply and exhaust air The smoke ventilation of the basement car parking areas shall be through provision of supply and exhaust air
1	The smoke ventilation of the basement car parking a leading or haust fans. Alternatively, a system of
d	nets duly installed with its supports and connected to supply an and exhibitor complying with the
1:.	moulse fans (jet fans) may be used for meeting the require
li c	allowing:
I	following: Structural aspects of beams and other down stands/services shall be taken care of in the planning and provision
1	Structural aspects of course
	of the jet fans. i) Fans shall be fire rated, that is, 250°C for 120 min. ii) Fans shall be fire rated, that is, 250°C for 120 min.
li	i) Fans shall be fire rated, that is, 250°C for 120 mm. ii) Fans shall be adequately supported to enable operations for the duration as above. iii) Fans shall be adequately supported to enable operations for the duration as above.
j	ii) Fans shall be adequately supported to charle of the fore shall be located in fire safe zone to ensure continuity of power supply.
	(v) Power supply panels for the lans shall be located in the accordance with accepted standard [4(13)].
1	y) Power supply cabling shall meet circuit integrity required actuation of sprinkler system. In
	The smoke extraction system shall operate on actuation of now shall be provided for operations by the fire
	i) The smoke extraction system shall operate on actuation of flow switch actuation of periods in the fire addition, a local and/or remote .manual start-stop control/switch' shall be provided for operations by the fire
	fighters : 1-1 with the remote control.
	fighters. j) Visual indication of the operation status of the fans shall also be provided with the remote control. j) Visual indication of the operation shall be allowed to interface or cross the transformer area, electrical
	j) Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the fans shall also be provided with the remove as j. Visual indication of the operation status of the provided with the remove as j. Visual indication in the provided with the remove as j. Visual indication of the operation of the
	switchboard, electrical rooms or exits.
	switchboard, electrical rooms or exits. System for areas other than car parking shall be ly Smoke exhaust system having make-up air and exhaust air system for areas other than car parking shall be completely ly system having make-up air and exhaust air system for areas other than car parking shall be completely
	1) Smoke exhaust system having make-up air and exhaust air system for areas other than car parallel 1) Smoke exhaust system having make-up air and exhaust air system for areas other than car parallel 2 required for common areas and exit access corridor in basements/underground structures and shall be completely required for common areas and exit access corridor in basements/underground structures and shall be completely required for common areas and exit access and other mechanical areas.
	required for common areas and exit access control in each areas. separate and independent of car parking areas and other mechanical areas. separate and independent of car parking areas and other mechanical areas.
	separate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas and other reparate and independent of car parking areas areas areas and other reparate and independent of car parking areas areas areas and other reparking areas areas areas are calculated as a parking areas are calculated as a parking areas areas are calculat
-	m) Supply air shall not be less than 5 m from any state of the property of the
COLUMNIA	Fire Drills and Fire Orders are ensured as per change
	fulfil the requirements of lifelighting and evacuation as the event of emergency, by displaying
20	fulfil the requirements of firefighting and evacuation from the buildings in the event of the displaying. The occupants shall be made thoroughly conversant with their action in the event of emergency, by displaying. The occupants shall be made thorough regular training. Such notices should be displayed prominently in
28.	The occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency, by the property of the occupants shall be made thoroughly conversant with their action in the event of emergency of the occupants and also through regular training. Such notices should be displayed prominently in the occupants of the o
	fire notices at vantage points and also through regular training. Such notices should be depth fire notices at vantage points and also through regular training. Such notices should be depth fire notices at vantage points and also through regular training. Such notices should be depth fire notices at vantage points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and also through regular training. Such notices should be depth for the points and the points are the points ar
	bold lettering. For guidelines for fire drills and evacuation procedures for high rise buildings depending upon Fire Extinguishers/Fixed Firefighting Installations as per clause – 5.1 5.1.1 All buildings depending upon Fire Extinguishers/Fixed Firefighting Installations as per clause – 5.1 s.1.1 All buildings depending upon
	Fire Extinguishers/Fixed Firefighting Installations as per clause – 5.1 3.1.1 All outleaning by the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard the occupancy use and height shall be protected by fire extinguishers, high/medium velocity water spray, foam, water mist
	the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, and the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise, and the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise and the occupancy use and height shall be protected by fire extinguishers, nose recis, we rise and the occupancy use and height shall be protected by fire extinguishers, nose recis, we recise the occupancy use and
	hydrants, automatic sprinkler installation, deluge system, night medium velocity was a philosophic system, as applicable:
	systems, gaseous or dry powder system, mandar date in
	provisions of various clauses given below, as applicable.
	These fire extinguishing equipment and their instantation state and the graph access and efficient use by
29.	[4/17] The extinguishers shall be mounted at a convenient height to enable its quick access and ordered to enable its quick access and
	[4(17)]. The extinguishers shall be mounted at a convenient height to enable its quick access and extended at a convenient height to enable its quick access
1	
	all in the event of a and congetty of water storage tanks and fire pumps, etc, shall be as specified in 15 days
	comer installation and capacity of water storage tames are Table 8. The typical arrangements of down-
	comer installation and capacity of water storage tames are proposed in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8.
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	comer installation and capacity of water storage tunto and requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be designed for zonal distribution comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution ensuring that unduly high pressures are not developed in risers and hose-pipes. b) First-aid firefighting appliances shall be provided and installed in accordance with good practice [4(18)]. The firefighting equipment and accessories to be installed in buildings for use in firefighting shall also be in accordance with the accepted standard [4(17)] and shall be maintained periodically so as to ensure their perfect serviceability at all times. c) Valves in fixed firefighting installations shall have supervisory switch with its signalling to fire alarm panel of the present that the present the present the present that the present that the present that the present that the present that the present the present that the present thas the present that the present that the present that the present
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	comer installation and capacity of water storage turns and transfer installation and capacity of water storage turns and transfer installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution ensuring that unduly high pressures are not developed in risers and hose-pipes. b) First-aid firefighting appliances shall be provided and installed in accordance with good practice [4(18)]. The firefighting equipment and accessories to be installed in buildings for use in firefighting shall also be in accordance with the accepted standard [4(17)] and shall be maintained periodically so as to ensure their perfect serviceability at all times. c) Valves in fixed firefighting installations shall have supervisory switch with its signalling to fire alarm panel or to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent tampering/unauthorized operation. These valves shall be kept in their intended open position.
	comer installation and capacity of water storage tands and capacity of water storage tands and capacity of water storage tands are shown in Table 8. The typical arrangements of down-requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution ensuring that unduly high pressures are not developed in risers and hose-pipes. b) First-aid firefighting appliances shall be provided and installed in accordance with good practice [4(18)]. The firefighting shall also be in firefighting equipment and accessories to be installed in buildings for use in firefighting shall also be in accordance with the accepted standard [4(17)] and shall be maintained periodically so as to ensure their perfect serviceability at all times. c) Valves in fixed firefighting installations shall have supervisory switch with its signalling to fire alarm panel of the chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent tampering/unauthorized operation. These valves shall be kept in their intended open position. d) In addition to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required the translation to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required the translation to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required the translation to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required the translation to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required the translation to wet riser or down-comer, first- aid hose reels shall be ins
	comer installation and capacity of water storage tamto are shown in Fig. 13. The wet riser shall be designed for zonal distribution comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution ensuring that unduly high pressures are not developed in risers and hose-pipes. b) First-aid firefighting appliances shall be provided and installed in accordance with good practice [4(18)]. The firefighting equipment and accessories to be installed in buildings for use in firefighting shall also be in accordance with the accepted standard [4(17)] and shall be maintained periodically so as to ensure their perfect serviceability at all times. c) Valves in fixed firefighting installations shall have supervisory switch with its signalling to fire alarm panel or to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent tampering/unauthorized operation. These valves shall be kept in their intended open position. d) In addition to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required under Table 7) on all the floors, in accordance with accepted standard [4(19)]. The first-aid hose reel shall be under Table 7) on all the floors, in accordance with accepted standard [4(19)].
	comer installation and capacity of water storage turns and traper to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent

c	onnection to enable repair/ maintenance without affecting rest of the system.
f	Pressure at the hydraulically remote hydrant and at the hydraulically remote hydraulically re
n	ressure at the hydrants shall however not exceed 7.0 our, control limit especially at lower levels; this
t	o provide orifice plates for landing valves to control pressure to desired limit especially at 12 minutes pressure controlled
-	o provide orifice plates for landing valves to control pressure to desired limit especially are controlled could also be achieved through other suitable means of pressure reducing devices such as pressure controlled
1	locatively as
r	hydrant valves. By Hydrants for firefighting and hose reels shall be located in the lobby in firefighting shaft. Those hydrants by Hydrants for firefighting and hose reels shall be located in the lobby in firefighting shaft. Those hydrants by Hydrants for firefighting and hose reels shall be located in the lobby in firefighting shaft. Those hydrants
1	2) Hydrants for firefighting and hose reels shall be located in the lobby in interigrating shall be. 2) Hydrants for firefighting and hose reels shall be located in the lobby in interigrating shall be. 3) Hydrants for firefighting and hose reels shall be located in the lobby in interigrating shall be with a firefighting shall be within 5 m from exit door in exit access. Such be provided in the lobby in interigrating shall be within 5 m from exit door in exit access. Such be provided in the lobby in interigrating shall be located in the lobby in interigrating shall be within 5 m from exit door in exit access. Such be provided near fire exit staircase on the floor shall be within 5 m from exit door in exit access. Such be provided near fire exit staircase on the floor shall be within 5 m from exit door in exit access.
1	planned to be provided near fire exit staircase on the floor shall be within 5 in Hold planned to provide hydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel to provide hydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel to provide hydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel to provide hydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel to provide
1	hydrant cabinet may finish with doors to meet interior below the word: FIRE HOSE CABINET of letter size 75 mm in
-	hydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of phydrant cabinet may finish with doors to meet interior finishes with requirement of glass panel of gl
	height and 12 mm in width. Such door of the fire lose calmet need in the landing of the respective fire exit staircase.
1	such cabinets shall be shown on floor plan and duty displayed in the
1	Static water storage tanks as per clause – 5.1.2.1 Static water storage tanks as per clause – 5.1.2.1
ı	a) firefighting shall always be available in the form of thick growth as a state of the form of this contract the form of the form of this contract the form of the form o
- American	specified for each building with arrangements or replenishment. b) Water for the hydrant services shall be stored in an easily accessible surface/underground lined reservoir or b) Water for the hydrant services shall be stored in the effective capacity of the reservoir above the top of the
	b) Water for the hydrant services shall be stored in an easily accessible surface/dilderground in the top of the
	b) Water for the hydrant services shall be stored in an easily accessible surface and above the top of the above ground tanks of steel, concrete or masonry. The effective capacity of the reservoir above the top of the above ground tanks of steel, concrete or masonry. The effective capacity of the reservoir above the top of the above ground tanks of steel, concrete or masonry.
	above ground tanks of steel, concrete or masonry. The effective capacity of a state of the effective capacity of the effec
uncoinate of	pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump casing (flooded suction) for various types of occupancies shall be as indicated in pump case (flooded suction) for various types of occupancies shall be as indicated in pump case (flooded suction) for various types of occupancies shall be as indicated in pump case (flooded suction) for various types of occupancies shall be as indicated in pump case (flooded suction) for various types of occupancies shall be as indicated in pump case (flooded suction) for various types (flooded suction) flooded suction (flooded suction) for various types (flooded suction) flooded suction (flooded suction) flooded suction (flooded s
	c) Water for firefighting shall be stored in two of more interconnected comparison. cleaning and maintenance of the tanks without interrupting the water availability for firefighting. cleaning and maintenance of the tanks without interrupting the water availability for firefighting.
	cleaning and maintenance of the tanks without interrupting the water availability for
	d) To prevent stagnation of water in the static water storage tank, the stetron tank of the static water storage tank, the stetron tank of the static water storage tanks to maintain the level therein shall be fed only through an overflow arrangement from the fire water storage tanks to maintain the level therein
	shall be fed only through an overflow arrangement from the first that the
	at the minimum specified capacity.
yes received	e) Alternatively, domestic and fire water can be stored in two interconnected companies. The suction inlet(s) for the domestic water pumps shall be so located at an elevation that minimum water. The suction inlet(s) for the domestic water pumps shall be always available for fire pumps.
	The suction inlet(s) for the domestic water pumps shall be so located at all circums.
	The suction inlet(s) for the domestic water pumps shall be always available for fire pumps. requirements for firefighting as stated in Table 7 will be always available for fire pumps.
ALC: NAME OF TAXABLE PARTY.	requirements for firefighting as stated in Table 7 will be always available for the pathpole requirements for firefighting as stated in Table 7 will be always available for the pathpole for the pathpole shall entirely be accessible to the f) The static storage water supply required for the above mentioned purpose shall entirely be accessible to the f). The static storage water supply required for the above mentioned purpose shall entirely be accessible to the fine for the pathpole for the pathp
	f) The static storage water supply required for the above mentioned purpose shall be provided for inspection, repairs, fire engines of the local fire service. Suitable number of manholes shall be provided for inspection, repairs, fire engines of the local fire service. Suitable number of manholes to allow access from the top,
	fire engines of the local fire service. Suitable number of manholes shall be provided allow access from the top, insertion of suction hose, etc. As an alternative to the arrangement of manholes to allow access from the top, insertion of suction hose, etc. As an alternative to the tank by the firemen from the adjoining fire pump room
	insertion of suction hose, etc. As an alternative to the arrangement of mainteres to discount in the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining fire pump room suitable arrangement to enable efficient access to the tank by the firemen from the adjoining firemen
	suitable arrangement to enable efficient access to the tank by the mether from the designation of the designation of the designation of the level having direct access from the ground level, shall be made. The underground fire water storage tank(s) shall not having direct access from the ground level, shall be made. The underground fire water storage tank(s) shall not having direct access from the ground level, shall be made. The underground fire water storage tank(s) shall not having direct access from the ground level, shall be made. The underground fire water storage tank(s) shall not having direct access from the ground level, shall be made. The underground fire water storage tank(s) shall not having direct access from the ground level, shall be made.
	having direct access from the ground level, shall be made. The underground the having direct access from the ground level, shall be made that the draw-out be more than 7 m in depth from the level having fire brigade draw-out connection, while the draw-out be more than 7 m in depth from the level having fire brigade draw-out connection, while the draw-out
	be more than 7 m in depth from the level having the says wall.
	connection shall not be more than 5 m away from the tank wall.
Adding the	connection shall not be more than 5 m away from the tank wall. g) The covering slab shall be able to withstand a total vehicular load of 45 t (or as applicable) equally divided as
	a four-point load when the slab forms a part of paint way the brigade collecting head with 4 number 63 mm
	h) The static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate concerning near the static water storage tank shall be provided with a fire brigate static water storage tank shall be provided
	diameter (2 number 63 mm diameter for pump with capacity 1
	in a valve box at a suitable point at street level. i) The same shall be connected to the static tank by a suitable fixed galvanized iron pipe not less than 150 mm in i) The same shall be connected to the static tank by a suitable fixed galvanized iron pipe not less than 150 mm in
-	i) The same shall be connected to the static tank by a suitable fixed galvanized from pipe not less than
	i) The same shall be connected to the static tank by a suitable fixed galvanized from pipe in the basement diameter to discharge water into the tank when required at the rate of 2 250 litre/min, if tank is in the basement
	or not approachable for the fire engines.
_	or not approachable for the fire engines. j) Each of the static water storage tanks shall also be provided with a fire brigade draw out collecting head with j) Each of the static water storage tanks shall also be provided with a fire brigade draw out collecting head with
	j) Each of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks shall also be provided with a fire original distribution of the static water storage tanks and the static water storage tanks are storage tanks and the static water storage tanks are storage to the static water storage tanks and the static water storage tanks are storage to the static water storage tanks.
	63 mm diameter instantaneous male draw out arranged in a valve box at a suitable position of the following standard posit
~~~~	out shall be connected to galvanized iron pipe of 100 him diameter. The specific pump house as per clause 5.1.2.2 The requirements shall be as given below:  Firefighting pump house as per clause 5.1.2.2 The requirements shall be as given below:
The state of the s	Firefighting pump house as per clause 5.1.2.2 The requirements shall be as given by a gi
31.	a) It is preferable to install the pump house at ground level. I drip he de
	accessible from the surrounding ground level.
-	b) Pump house shall be installed not lower than the second basement. When installed in the ground, shall be with direct accessibility (or through enclosed passageway with 120 min fire rating) from the ground, shall be with direct accessibility (or through enclosed passageway with 120 min fire rating) from the ground, shall be
	with direct accessibility (or through enclosed passageway with 120 min the facility from the ground within the basement.
	with direct accessibility (or through enclosed passageway with 120 limit fire rating) from the grant with direct accessibility (or through enclosed passageway with 120 limit fire rating) from the grant with the basement. provided. Access to the pump room shall not require tonegotiate through other occupancies within the basement.
-	provided. Access to the pump room shall not require tonegotiate through other ecceptations of the pump house shall be separated by fire walls all around and doors shall be protected by fire doors (120 min
	c) Fullip house sharr or separate
-	rating). d) Pump house shall be well ventilated and due care shall be taken to avoid water stagnation.
	d) Pump house shall be well ventilated and date of the pump room.  e) No other utility equipment shall be installed inside fire pump room.  e) No other utility equipment shall be installed inside fire pump room.
	e) No other utility equipment shall be installed inside fire pump room.  f) Insertions like flexible couplings, bellows, etc, in the suction and delivery piping shall be suitably planned and
	f) Insertions like flexible couplings, bellows, etc, in the same
	installed.
	g) Installation of negative suction arrangement and submersible pumps shall her observed like PRVs,  h) Pump house shall be sufficiently large to accommodate all pumps, and their accessories like PRVs,
-	g) Installation of negative sacrification and their accessories like PRVs,

Ti	i) Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.
	i) Exhaust nine of diesel engine shall be insulated as per best engineering p
100	1 1 1 min a the book procedure
	ground level, considering the back pressure.  k) Fire pumps shall be provided with soft starter or variable frequency drive starter.  5.1.3 The requirements shall be as given below:
	k) Fire pumps shall be provided with soft starter of variable frequency differences shall be as given below:  Automatic Sprinkler Installation as per clause – 5.1.3 The requirements shall be as given below:  Automatic Sprinkler Installation as per clause – 5.1.3 The requirements of Table 7 throughout the building in
2.	a) Automatic sprinklers shall be installed wherever required in terms of Table 1
	accordance with good practice [4(20)].  b) If selective sprinklering is adopted, there is a real danger of a fire starting in one of the unsprinklered area  b) If selective sprinklering is adopted, there is a real danger of a fire starting in one of the unsprinklered area.
	b) If selective sprinklering is adopted, there is a real danger of a fire starting in our starting in gathering momentum spreading to other areas and reaching the sprinklered areas as a fully developed fire. In
	such an event, the sprinklers can be rendered useless or ineffective.  c) Automatic sprinklers shall be installed in false ceiling voids exceeding 800 mm in height.
	c) Automatic sprinklers shall be installed in false ceiting voids exceeding over the part of the used for substation and DG set.
tale to the same of the same o	c) Automatic sprinklers shall be installed in false certain voids exceeding voids exceeding. d) Installation of sprinklers may be excluded in any area to be used for substation and DG set. d) Installation of sprinklers may be excluded in any area to be used for substation and DG set.
	e) In areas having height 17 m or above such as in auta, sprinker instantant
	hence may be avoided.
	hence may be avoided.  f) Pressure in sprinkler system shall not exceed 12 bar or else high pressure sprinkler to be installed for above 12
	bar operations.
	The series has protected by shilling the supplied of war of
	g) The maximum floor area on any one floor to be protected by springers of the protection area limitations considering riser from an installation control valve shall be based on system protection area limitations considering riser from an installation control valve shall be based on system protection area limitations considering
	1 A A A A A A A A A A A A A A A A A A A
	occupancies, where Authorities shall be consulted for devices.  h) Sprinkler installation control valves, shall be installed inside the fire pump room.  h) Sprinkler installation control valves, shall be installed outside the building and Authorities
	h) Sprinkler installation control valves, shall be installed inside the fire pump room.  i) For industrial buildings, such installation control valves may be installed outside the building and Authorities ii) For industrial buildings, such installation control valves may be installed outside the buildings. It is advisable to
	i) For industrial buildings, such installation control valves may be installed outside the buildings. It is advisable to shall be consulted in situations where it is not possible to locate them inside the buildings. It is advisable to shall be consulted in situations where it is not possible to locate them inside the buildings in addition to water gongs in such case.
	11
	j) The sprinkler flow switches provided shall be monitored by fire alarm panel.
	j) The sprinkler flow switches provided shall be monitored by life alarm panel.  k) It is essential to make provisions for avoiding water from sprinkler/hydrant operation entering lifts and
	k) It is essential to make provisions for avoiding water from p
	electrical rooms.
	I) Ramps at all levels shall be protected with sprinklers.  Automatic High Velocity and Medium Velocity Water Spray Systems as per clause 5.1.4 Automatic high velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray of the statement of th
33.	Automatic High Velocity and Medium Velocity water spray systems as per- velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries
33.	Automatic High Velocity and Medium Velocity water spray systems as per- velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries
33.	Automatic High Velocity and Medium Velocity Water Spray Systems to perform the Velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION
33.	Automatic High Velocity and Medium Velocity Water Spray Systems to perform the Velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY
	Automatic High Velocity and Medium Velocity Water Spray Systems to perform the Velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and one firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and one firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and one firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and one firefighting shaft shall be planned for each residential building/tower.
33.	Automatic High Velocity and Medium Velocity Water Spray Systems to perform the Velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other and for each compartment of institutional, assembly, business and mercantile occupancy types. For other
	Automatic High Velocity and Medium Velocity Water Spray Systems to perform the velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire
	Automatic High Velocity and Medium Velocity Water Spray Systems as per velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall necessarily have connectivity directly to exit discharge or through exit authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit
	Automatic High Velocity and Medium Velocity Water Spray Systems to provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.
	Automatic High Velocity and Medium Velocity Water Spray Systems to power of the power of the power of the provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, transformers as applicable in accordance with good practice [4(21)] where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.
	Automatic High Velocity and Medium Velocity Water Spray Systems to pervious to pervious of the velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit in the pressurization requirement to limit the force required to operate the door
	Automatic High Velocity and Medium Velocity Water Spray Systems to perfect the controlled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door
	Automatic High Velocity and Medium Velocity Water Spray Systems to provide the provided of the provided (see Annex E). Also, the provided in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of
	Automatic High Velocity and Medium Velocity Water Spray Systems of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.
34.	Automatic High Velocity and Medium Velocity Water Spray Systems of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  E-2 EGRESS AND EVACUATION STRATEGY The firefighting shafts have connectivity directly to exit
	Automatic High Velocity and Medium Velocity Water Spray Systems and or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  E-2 EGRESS AND EVACUATION STRATEGY The firefighting shaft shall be smoke controlled discharge.
	Automatic High Velocity and Medium Velocity water Spray Systems and protection of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  E-2 EGRESS AND EVACUATION STRATEGY The firefighting shafts have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  Smoke control as per clause 4.4.2.5 Staircase and fire lift lobby of a fire
34.	Automatic High Velocity and Medium Velocity water Spray Systems to Perform the Policy Water Spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.  c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  E-2 EGRESS AND EVACUATION STRATEGY The firefighting shafts have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  Smoke control as per clause 4.4.2.5 Staircase and fire lift lobby of a firefighting shaft and for other fire exit as per 4.4.2.5 and Table 6. The pressurization requirement for staircase in firefighting shaft and for other
34.	Automatic High Velocity and Medium Velocity Water Spray Systems of outdoor and/ or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/ or indoor oil-cooled transformers as applicable in accordance with good practice [4(21)] where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY  a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  E-2 EGRESS AND EVACUATION STRATEGY The firefighting shafts have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  Smoke control as per clause 4.4.2.5 Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. The pressurization requirement for staircase in firefigh
34.	Automatic High Velocity and Medium Velocity Water Spray Systems Autoric Part Part Part Part Part Part Part Part
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34. 35. 36.	Automatic High Velocity and Medium Velocity Water Spray Systems and or indoor oil-cooled velocity water spray or emulsifying system shall be provided for protection of outdoor and/or indoor oil-cooled velocity water spray system shall be provided for tankage (where applicable (see Annex E). Also, medium velocity water spray system shall be provided for tankage (where applicable), conveyors, cable galleries and other occupancies listed in good practice [4(21)].  Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.  b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. b) Staircase and fire lift lobby of a firefighting shaft shall for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.  Smoke control as per clause 4.4.2.5 staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. The pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate

		itionally 0.9 m2 for accommodating	g wheel chair requirement or shall be 15 m2, whichever is higher.		
united floor	area and add	DICAL SERVICES	n d Duilding		
	E-5 ELECTRICAL SERVICES  a) The specific requirements for electrical installations in multi-storeyed buildings given in Part 8. Building  a) The specific requirements for electrical installations of the Code and Section 7 of National Electrical Code				
).	a) The specific requirements for electrical installations in multi-storeyed buildings given in rate of a) The specific requirements for electrical installations of the Code and Section 7 of National Electrical Code Services, Section 2 Electrical and Allied Installations of the Code and Section 7 of National Electrical Code				
•	Services, Section 2 Electrical and Affect Motality				
	2011 to be complied.  b) Wherever transformers are planned at higher floors, the HT cables shall be routed through a separate shaft  b) Wherever HT generators are planned centrally at ground or first				
	b) Wherever transformers are planned at higher floors, the HT caples shall be routed through at ground or first having its own fire resistance rating of 120 min. Wherever HT generators are planned centrally at ground or first having its own fire resistance rating of HT caples shall be planned for buildings above 60 m in height.				
	having its own fire resistance rating of 120 min. Wherever HT generators are planted having its own fire resistance rating of 120 min. Wherever HT generators are planted having its own fire resistance rating of 120 min. Wherever HT generators are planted having its own fire resistance rating of 120 min. Wherever HT generators are planted having above 60 m in height. basement level, redundant transformers and HT cables shall be planned for buildings above 60 m in height.				
	basement level, redundant transformers and HT cables shall be planned for buildings above  basement level, redundant transformers and HT cables shall be planned for buildings above  The builder submitted the compliance certificate by the respective technical consultant, Architect, structural,				
0.	The builder submitted the compliance certificate by the respective submitted the compliance certificate submitted the certificate submitted				
0.	Electrical, F	IVAC Engineers and life safety con	ith the following:		
	3.4.10.2 Gla	ass facade shall be in accordance w	eparation of 9 m or more, tempered glass in a non-combustible		
	a) For fully sprinklered buildings having the separation of the sprinklers are located				
1.	a) For fully sprinklered buildings having fire separation of 9 m of more, tempered glass in a relative assembly, with ability to hold the glass in place, shall be provided. It shall be ensured that sprinklers are located assembly, with ability to hold the glass in place, shall be provided. It shall be ensured that sprinklers are located within 600 mm of the glass facade providing full coverage to the glass. NOTE. In case of all other buildings, within 600 mm of the glass facade providing full coverage with Table 1.				
	within 600 mm of the glass facade providing full coverage with Toble 1				
	fire resistar	ice rating of glass facade shall be in	accordance with a second et all levels by approved fire resistant		
	fire resistance rating of glass facade shall be in accordance with Table 1.  b) All gaps between floor-slabs and façade assembly shall be sealed at all levels by approved fire resistant b) All gaps between floor-slabs and façade assembly shall be sealed at all levels by approved fire resistant sealant material of equal fire rating as that of floor slab to prevent fire and smoke propagation from one floor to				
	sealant material of equal fire rating as that of floor state to provide the				
	another.				
	another.  c) Openable panels shall be provided on each floor and shall be spaced not more than 10 m apart measured along the company of the external wall from centre-to-centre of the access openings. Such openings shall be operable at a height the external wall from centre-to-centre of the access openings. Such openable panels (fire access panels) of size				
	the external wall from centre-to-centre of the access openings, of openings and openings (fire access panels) of size				
	between 1.2 m and 1.5 m from the floor, and shall be in the form of openable panels (In the panel). The wordings FIRE OPENABLE PANEL. OPEN IN				
	between 1.2 m and 1.5 m from the floor, and shall be in the form of openable panels (the days) between 1.2 m and 1.5 m from the floor, and shall be in the form of openable panels (the days). The wordings, FIRE OPENABLE PANEL. OPEN IN not less than 1 000 mm × 1 000 mm opening outwards. The wordings, FIRE OPENABLE PANEL. OPEN IN not less than 1 000 mm × 1 000 mm opening outwards. The wordings, in the form of openable panels (the days) and the same opening outwards.				
	not less than 1 000 mm × 1 000 mm opening outwards. The wordings, it had be marked on the internal side. CASE OF FIRE, DO NOT OBSTRUCT. of at least 25 mm letter height shall be marked on the internal side.				
	CASE OF FIRE, DO NOT OBSTRUCT. of at least 25 mm letter height shall be middle on the control of				
	1:-1- areas and chall be also located in common diseas.				
	occupants and fire personnel for smoke exhaust in times of distress.  ATRIUM Fire safety as per Annexure-F (Clause-6) of part – 4 NBC of India 2016				
42.	ATRIUM	Fire safety as per Annexure-F (Cla	use-6) of part – 4 NBC of India 2010		
72.	Compart	mentation as per clause - 4.5	S. I was attment being not more than 750 m2. The		
	Compartmentation as per clause - 4.5 4.5.2 All floors shall be compartmented/zoned with area of each compartment being not more than 750 m2. The				
	4.5.2 All floors shall be compartmented/zoned with area of each compartment/building:  maximum size of the compartment shall be as follows, in case of sprinklered basement/building:  Compartment-ation Area m2				
43.	Sl. No	Use	A MARKET AND		
	1	Basement car parking	3000		
	6	Business buildings	3000		
l .	No.	The state of the s	ons of the multistoried building inspection Committee, the No		
			Committee the NO		

13) In view of the above and as per recommendations of the multistoried building inspection Committee, the No Objection Certificate for Occupancy is issued to Multi Storied Building Sri chaithanya school, Sy. No. 86/B. Kompally (V & G.P), Quthbullapur Mandal, R.R.Dist. /-Kompally/Dundigal Gandimaisamma/Medchal with a height of 19.00 Meters for EDUCATIONAL B-1 Schools up to senior secondary level Occupancy. subject to the following conditions, which also include the responsibilities of the Builder, Management Body of the building,

\$1	upants and fire and security personnel.  Builder and Management Body		Management Body and fire and security personnel
1	<ul> <li>-a) All the fire protection arrangements shall be maintained in good condition as seen during inspection.</li> <li>-b) Do's and Don'ts in case of fire shall be prominently displayed in entire building</li> </ul>	not be kent locked/blocked or	All the occupants must know the correct method of operation of the fire fighting systems installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the	to operate the fire safety equipment during emergency	
3	management.  Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years.	All security personnel shall be trained to operate the fire safety equipment during emergency and guiding the occupants in sa

 Q Q	months.	evacuation. Call the fire Brigade by dialing 101.
This No objection Certificate for occupancy is valid for five year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely	Attack the fire using available fire equipment only if you feel capable of controlling it. If not, take all steps to isolat the area by closing doors and windows.

14. Additional Fire Safety Measures Recommended by the Department:

1. The Management is advised to maintain all fire safety measures provided in trim working condition at all times and

ensure AMC for the same and shall conduct Fire drills once in every 3monthes

This No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Yours Sincerely, Director General of State Disaster Response & Fire Services Telangana, Hyderabad

Copies to:

i) The Management

ii) Multistoried Building Inspection Committee

"THIS IS COMPUTER GENERATED DOCUMENT AND DO NOT REQUIRE ANY STAMP OR SIGNATURE"