

Mixed Building all questions.....

Choose	Particulars	Type
	Is there any Voltage Line Near By	Desirable Mandatory None
	Vertical Clearance (in mtr)	Desirable Mandatory None
	Horizontal Clearance (in mtr)	Desirable Mandatory None
	A) High Voltage Line	
	Total Line Capacity(in kV) (Please specify total High Voltage line capacity here)	
	Is there any voltage line near by	Desirable Mandatory None
	Vertical Clearance (in mtr)	Desirable Mandatory None
	Horizontal Clearance (in mtr)	Desirable Mandatory None

1.2 Open Space for High-rise Building

(If the building is having more than 5 floors other than basement or Height more than 16 mtr) (KMBR 81/KPBR 81)

Choose	Particulars	Type
	Width of clear motorable open space of the building on the side contiguous to the street/Access (in Mtr):	Desirable Mandatory None
	Width of clear motorable open space in one of the sides contiguous to the side mentioned in (1) above (in Mtr)	Desirable Mandatory None
	Width of clear motorable open space in the front side of the building(in Mtr):	Desirable Mandatory None
	Width of clear motorable open space of one of the sides contiguous to the front side of the building (in Mtr):	Desirable Mandatory None
	Width of the main Entrance Gate of the Building:	Desirable Mandatory None

	Whether an Arch /Covered Gate is constructed for the Main Entrance? (Y/N)	Desirable Mandatory None
	If the answer is Yes, Head Room clearance of Arch/Covered Gate	Desirable Mandatory None

1.3 Access (KMBR 33 / KPBR37)

Choose	Particulars	Type
	Minimum width of access road (in mtr)	Desirable Mandatory None

	a) Details of approach road : (Y/N)	Desirable Mandatory None
	b)Visible land mark on either sides and opposite to the plot: (Y/N)	Desirable Mandatory None
	c) The width of the Approach Road at its narrowest portion and the distance from the narrowest portion to the building: (Y/N)	Desirable Mandatory None

1.4 Miscellaneous

Choose	Particulars	Type
	Are there any adjacent Building/ Land of Nuclear Installation/ Nuclear Waste Dumping Site which may pose threat in respect of Fire Safety to the Proposed Building? (Y/N)	Desirable Mandatory None
	If above answer is Yes, Whether the Location plan of the proposed building show the required details. (Y/N)	Desirable Mandatory None

1.Structural Details

2.1 Staircase

Choose	Particulars	Type
	Total No: of staircases in the building:	Desirable Mandatory None
	No: of main staircases in the building: (KMBR 35/ KPBR 35)	Desirable Mandatory None

	No of Fire escape staircases in the building: (Refer Foot Note 1) (KMBR 35/ KPBR 35)	Desirable Mandatory None
	Whether all staircases are continuous from ground floor to the terrace level? (Y/N) (NBC Part IV 4.4.2.4.3.2 and KMBR 35)	Desirable Mandatory None
	Whether all staircases are constructed of non combustible materials?(Y/N)	Desirable Mandatory None
	Whether any living Space, Store or other Fire Risk area is directly opened to staircases (Flights and Midlanding)? (Y/N)	Desirable Mandatory None
	Whether any electrical shaft/ AC ducts/ gas pipes etc is passing through or opening at staircase (Flights and Midlanding)? (Y/N)	Desirable Mandatory None
	Whether any staircase is constructed around a lift shaft?(Y/N)	Desirable Mandatory None
	Whether any lift opens into any staircase (Flights and Midlanding)? (Y/N)	Desirable Mandatory None
	Whether the treads of the staircases are constructed and maintained in a manner to prevent slipping?(Y/N)	Desirable Mandatory None
	Whether any staircase is of completely enclosed type/not with external wall? (Y/N)	Desirable Mandatory None
	If answer to above question is Yes, Whether the completely enclosed type staircase is a pressurized staircase? (Y/N)	Desirable Mandatory None
	Whether Staircases in the Basement Floor(s) are of enclosed type? (Y/N)	Desirable Mandatory None
	Whether all the staircases are ventilated at each landing through an opening of an area min. 0.5 m ² .(Y/N)	Desirable Mandatory None
	Whether fire-escape stair is separated and as far as possible remote from the other staircases? (Y/N)(NBC Part IV 4.4.2.4.3.4, KMBR 35/KPBR35)	Desirable Mandatory None
	Whether the Fire escape staircases are directly connected to the ground as well as to the public/common areas of all floors? (KMBR 35/ KPBR 35)	Desirable Mandatory None
	How many sides of the Fire Escape/External stair cases have abutting with external wall?	Desirable Mandatory None

	Whether any Spiral Stairway is provided in the building as FireEscape Stair Way?(Y/N)See Note 5	Desirable Mandatory None
	If answer is Yes, diameter of the spiral stair(KMBR 35)	Desirable Mandatory None

2.1.1 Staircase Specifications

a. Main Staircase (KMBR 35/ KPBR 35)

<i>Sl.No</i>	<i>Width of staircase</i>	<i>Width of tread</i>
<i>Height of riser</i>	<i>Height of Hand Rails</i>	<i>Gap of Baluster</i>

Choose	Particulars	Type
	Width of Staircase:	Desirable Mandatory None
	Width of Tread:	Desirable Mandatory None
	Height of Riser:	Desirable Mandatory None
	Height of Hand Rails:	Desirable Mandatory None
	Gap of Baluster:	Desirable Mandatory None

Egress Calculation :

b. Fire Escape staircase (KMBR 35,81/ KPBR 35, 81)

<i>Sl.No</i>	<i>Width of staircase</i>	<i>Width of tread</i>
<i>Height of riser</i>	<i>Height of Hand Rails</i>	<i>No Of Flights</i>

Choose	Particulars	Type
	Width of Staircase:	Desirable Mandatory None
	Width of Tread:	Desirable Mandatory None
	Height of Riser:	Desirable Mandatory None

	Height of Hand Rails:	Desirable Mandatory None
	Gap of Baluster:	Desirable Mandatory None
	No of Steps per Flight:	Desirable Mandatory None

2.2 Exit requirements

NBC Part IV 4.2, 4.5, 4.8

Choose	Particulars	Type
	What is the Number of Exits from each floor of the building?:	Desirable Mandatory None
	Whether all means of exits towards staircases are adequately and naturally ventilated? (Y/N):	Desirable Mandatory None
	Whether signages are installed to guide the occupants to reach all means of exits?:	Desirable Mandatory None
	Whether all signs posted to guide the occupants are illuminated (24 X 7) with an alternate source of Power supply or made in such glowing/luminous material ? (Y/N):	Desirable Mandatory None
	Whether 2 doors each are provided for every room having capacity more than 45 Persons (Y/N)	Desirable Mandatory None

2.3 Travel Distance

(KMBR / KPBR 36, NBC2016 Part IV 4.4.2.1, 4.4.2.2)

Choose	Particulars	Type
	What is the maximum travel distance to an exit from any point from the exit?(refer note)	Desirable Mandatory None
	What is the minimum Dead end corridor length in exit access in all floors	Desirable Mandatory None
	Whether exit is provided within 6mtrs from the 'dead end of corridors', if any.(Y/N)	Desirable Mandatory None

2.4 Refuge Area

(NBC Part IV 4.12.3)

Choose	Particulars	Type
	Whether a refuge area* is provided on the floor for 18m ? (Y/N):	Desirable Mandatory None
	Whether a refuge area* is provided on the floor for 24m ? (Y/N):	Desirable Mandatory None
	Whether balcony is provided for each apartment? (Y/N):	Desirable Mandatory None
	Whether the building is having height more than 18 mtrs(Y/N)	Desirable Mandatory None
	If the answer to above question is 'Y', Whether a refuge area* is provided immediately above 18 meter and 24 meter, having size minimum 10% of the respective floor area? (Y/N)	Desirable Mandatory None
	Whether the building is having height more than 24 mtrs(Y/N)	Desirable Mandatory None
	If the answer to above question is 'Y', Whether a refuge area* is provided on the floor immediately above 24 meter and there after at every 15 meters, having size 15 m2 or 0.3 m2 per occupant of two consecutive floors? (Y/N)	Desirable Mandatory None
	If the answer to above question is 'Y', Whether a refuge area* is provided on the floor immediately above 60 meter and there after at every 30 meters, having size 15 m2 or 0.3 m2 per occupant of two consecutive floors, whichever is higher?(Y/N)	Desirable Mandatory None
	If the answer to above question is 'N', Whether a refuge area* is provided on the floor immediately above 24 meter and there after at every 15 meters, having size 15 m2 or 0.3 m2 per occupant of two consecutive floors? (Y/N)	Desirable Mandatory None
	Whether a refuge area* is provided on the floor immediately above 39 meter having size 15 m2 or 0.3 m2 per occupant of two consecutive floors? (Y/N)? **	Desirable Mandatory None
	Whether entire refuge area* is provided with sprinklers?(Y/N)	Desirable Mandatory None

2.5 Fire Lifts

(NBC Part IV 4.15, C-1.5 (q))

Choose	Particulars	Type
	Number of Fire Lifts* provided in the building:	Desirable Mandatory None
	Minimum loading capacity of Fire Lift (in Kg):	Desirable Mandatory None
	Whether fire lift is fully automated with emergency switch on ground level? (Y/N):	Desirable Mandatory None
	Whether Inter communication equipment for communicating with the Control Room is provided? (Y/N)	Desirable Mandatory None
	Minimum floor area of fire lifts (in m2)	Desirable Mandatory None
	Whether the lift Door is having min. 0.80 meter width.(Y/N)	Desirable Mandatory None
	Whether the word 'fire lift' is displayed in fluorescent paint on lift landing doors at each floor level? (Y/N)	Desirable Mandatory None
	Whether alternate power supply is provided for fire lifts? (Y/N) <i>Required : (Y/N)</i>	Desirable Mandatory None
	Whether the height of the building is 200 meter or above ? (Y/N)	Desirable Mandatory None
	If the answer to the above question 9 is yes whether evacuation lift is provided(Y/N)	Desirable Mandatory None

2.6 Emergency and Escape Lighting

(NBC Part IV 4.16, 4.17)

Choose	Particulars	Type
	Whether adequate illumination with alternate power supply is provided for safe movement of persons towards and through the exits? (Y/N)	Desirable Mandatory None
	Whether adequate illumination with alternate power supply is provided for locating fire alarm call points and fire fighting equipments? (Y/N)	Desirable Mandatory None

	Whether emergency lighting is independently connected and can be operated by one switch on the ground floor which is easily accessible to Fire Fighters? (Y/N)	Desirable Mandatory None
--	--	--------------------------------

2.7 Basements

(NBC Part IV C-1.6)

Choose	Particulars	Type
	Whether the building is provided with basement floor (Y/N)	Desirable Mandatory None
	If answer to above question is Yes, How many number of basement floors are proposed in the building?	Desirable Mandatory None
	What is the total area of Basements ?	Desirable Mandatory None
	Number of exits provided to basements	Desirable Mandatory None
	Whether each basement has total ventilation not less than 2.5 % of the floor area evenly distributed around the perimeter of the basement? (Y/N)	Desirable Mandatory None
	If the answer to the above (4) is 'N' Whether Mechanical Ventilation is provided? (Y/N)	Desirable Mandatory None
	If no: of basement floor is more than 1, Whether Mechanical Smoke Extractors are provided with alternate source of power supply? (Y/N)	Desirable Mandatory None
	If no: of basement floor is more than 1, Whether each basement has total ventilation not less than 2.5 % of the floor area evenly distributed around the perimeter of the basement? (Y/N)	Desirable Mandatory None
	If no: of basement floor is more than 1, Whether Mechanical Smoke Extractors are provided in case of multilevel basement with alternate source of power supply? (Y/N)	Desirable Mandatory None
	Whether any part of building lower than the ground has direct accessibility from outside? (Y/N)	Desirable Mandatory None
	If the stairs of the building are continuous to the basement, whether the stairs are enclosed in the basement portion? (Y/N)	Desirable Mandatory None

2.8 Service Ducts and shafts

(NBC Part IV C-1.9)

Yes/No

Choose	Particulars	Type
	Whether internal service Duct or shaft is proposed /provided in the building	Desirable Mandatory None
	If the answer to the above Question is 'Y' a)Whether all Internal Service Ducts and Shafts are properly enclosed by fire resistant masonry walls and doors? (Y/N)	Desirable Mandatory None
	b) Whether internal service Ducts/Shafts are properly sealed and Fire Stopped at all Floor Levels?Y/N	Desirable Mandatory None
	c) Whether all Internal Service Ducts and Shafts have a vent opening at the top? (Y/N).	Desirable Mandatory None

Fire Command Centre(FCC)

Choose	Particulars	Type
	Whether a FCC having Main Fire Alarm Panel with Communication System (suitable Public Address System) to all floors is provided on the entrance floor? (Y/N)	Desirable Mandatory None
	Whether the facility to receive message from different floors is provided in the FCC? (Y/N)	Desirable Mandatory None
	Whether details of all floor plans and fire fighting installations (laminated) are maintained in control room? (Y/N)	Desirable Mandatory None

2.10 Assembly Point(s)

Choose	Particulars	Type
	Whether adequate Fire assemblypoint(s)* with proper marking is provided for the building? (Y/N)	Desirable Mandatory None
	Whether the Fire assembly point(s) are clearly shown in architectural submission drawings, with locations, areas and calculations for the same**?(Y/N)	Desirable Mandatory None

2.11 Compartmentation of Large Areas

(NBC Part IV C-1.8)

Choose	Particulars	Type
	Whether the area of single compartment exceeds 750 M2?(Y/N)	Desirable Mandatory None
	If the answer to the above question is 'Y' Whether such area of the building is fully sprinklered? (Y/N)	Desirable Mandatory None
	If the answer to the above question is 'Y' whether compartmentation is provided as specified(2) below .(Y/N)	Desirable Mandatory None

2.12 Static Water Storage Tank (For Fire Fighting)

(NBC Part IV 5.1.2)

Choose	Particulars	Type
	How many inter connected compartments are there for the UG Fire tank?	Desirable Mandatory None
	No: of manholes provided for each compartment for inspection, repair and suction hose insertion:	Desirable Mandatory None
	Whether the drawing of U G Fire Pump with all the dimensions and capacity calculation is provided with fire system plans.?(Y/N)	Desirable Mandatory None
	Whether alternative water supply/replenishment for UG Tank provided?	Desirable Mandatory None
	No: of manholes provided for inspection, repair and suction hose insertion:	Desirable Mandatory None

Ramps

(NBC Part IV 5.1.6)

Choose	Particulars	Type
	Whether Ramp is provided in the building? (Y/N)	Desirable Mandatory None
	If the answer to the above question is 'Y'	Desirable Mandatory None

	Height of the hand rail	Desirable Mandatory None
	Maximum Gradient	Desirable Mandatory None
	Width of the Ramp	Desirable Mandatory None

2.13 Helipad

(NBC Part IV C-10)

Choose	Particulars	Type
	Whether Helipad is provided in the building? (Y/N)	Desirable Mandatory None
	Whether minimum two Fixed Foam Monitors are provided at the top Floor in the Vicinity of the Helipad? (Y/N)	Desirable Mandatory None
	Whether Foam Making Branch Pipes with sufficient quantity of Foam Compound should be reserved? (Y/N)	Desirable Mandatory None
	Whether the Fire Pump should maintain a Pressure of 7Kg/cm ² at the Terrace Level for Foam Induction? (Y/N)	Desirable Mandatory None

2.14 Provisions Exclusively for Industrial Buildings

(NBC Part IV 5.1.11)

Choose	Particulars	Type
	Whether there is any Storage, use and handling of Gasoline, fuel oil and other flammable liquids. (Y/N)	Desirable Mandatory None
	If yes, clearance as per Petroleum Act & Rules is obtained(Y/N)	Desirable Mandatory None
	Whether the building is having boiler room or heating plant(Y/N)	Desirable Mandatory None
	If yes, whether it is separated from the rest of the building. (Y/N)	Desirable Mandatory None
	Whether all the areas inside the building are open to the atmosphere or with enough ventilation facilities(Y/N)	Desirable Mandatory None

	If the answer to the above question is "N", whether proper venting vent facilities are provides of the building	Desirable Mandatory None
--	---	--------------------------------

2.15 Special Measures for Indoor areas of Assembly Buildings with fixed seats(other than Cinema Hall)

(NBC Part IV 5.1.11)

Choose	Particulars	Type
	Total number of exit doors for the auditorium	Desirable Mandatory None
	Width of Aisles	Desirable Mandatory None
	Width of Cross Aisles	Desirable Mandatory None
	Number of seats in between two aisles in a row	Desirable Mandatory None
	Is there is any row of seats which opens to Aisle at one end only (Y/N)	Desirable Mandatory None
	If the answer to the above question is "Y" Number of seats in each rows	Desirable Mandatory None
	Whether the Assembly space is having boxes, Gallery or Balcony(Y/N)	Desirable Mandatory None
	If the answer to the above question(2) is "Y" (a)Height of substantial railings	Desirable Mandatory None
	space between the back of one seat and front of the seat immediately behind it	Desirable Mandatory None

2.16 Special Measures for Assembly Building with Cinema Hall

(To be filled only if the building is having atleast one Cinema Theatre) (Kerala Cinemas(Regulation) Rules 1988)

Sl.No	Particulars	Type
	Total number of exit doors for the auditorium	Desirable Mandatory None
	Whether the auditorium is having Upper floor,Gallery or Balcony (Y/N)	Desirable Mandatory None
	If the answer to the above question (2) is "Y" (a) Number of exits from the upper floor,gallery or balcony	Desirable Mandatory None
	If the answer to the above question (2) is "Y" (b) Number of Staircases from the upper floor, gallery or Balcony	Desirable Mandatory None
	Whether all the exit signs are clearly visible in the light as well as dark(Y/N)	Desirable Mandatory None
	Whether all exits from the auditorium are clearly indicated by the word 'EXIT' in block letters (Y/N)	Desirable Mandatory None
	Clear height of exit doors of the auditorium	Desirable Mandatory None
	Clear width of exit doors of the auditorium	Desirable Mandatory None
	Whether all exit doors are opening outwards and flushing with outside of the walls(Y/N)	Desirable Mandatory None
	Width of the passage or corridor leading from an exit of the auditorium to a final space of exit	Desirable Mandatory None
	Distance from the farthest point in a cinema building to a staircase,where the staircases affords access	Desirable Mandatory None
	No of steps per flight for each staircase	Desirable Mandatory None
	Width of Aisles	Desirable Mandatory None

	Width of Cross Aisles	Desirable Mandatory None
	Maximum Distance from any seat to nearby Asile	Desirable Mandatory None
	Wheteher One cross aisle each is provided for every 10 rows (Y/N)	Desirable Mandatory None
	Whether all aisles/gangways are maintained in non slippery manner(Y/N)	Desirable Mandatory None
	Whether all Aisles/gangway are properly illuminated (Y/N)	Desirable Mandatory None
	Whether Fire protection is provided for the enclosure(Y/N)	Desirable Mandatory None

2.17 Restriction for building above 30 meters

Sl.No	Particulars	Type
	Whether the building height is above 30 meters (Y/N)	Desirable Mandatory None
	If answer to the above question is 'Y', (a) Whether any critical patients those incapable of self preservation and having physical impairment is housed at height above 30 metre(Y/N).	Desirable Mandatory None
	If the answer to the above question is "Y" (b) Whether any occupancy other than those incidental to the hospital such as normal patient accommodation, Nurses station, Consultation Room, Medical shop, Canteen etc. is housed at height above 30 Meter. (Y/N)	Desirable Mandatory None

3.1 Minimum Requirement for fire fighting installations

(NBC Part IV)

a.(For Mixed building)

Pump Calculation :

Choose	Particulars	Type
	Whether fire safety installations proposed/installed conform to relevant Indian Standards? (Y/N)	Desirable Mandatory None

	Whether Portable fire Extinguisher-BIS2190 installed?(Y/N)	Desirable Mandatory None
	Whether First Aid Hose reel-3844/1989 installed? (Y/N)	Desirable Mandatory None
	Whether Down Comer is installed? (Y/N)	Desirable Mandatory None
	Whether Wet Riser* is installed? (Y/N)	Desirable Mandatory None
	Whether Yard Hydrant is installed?	Desirable Mandatory None
	Whether Automatic Sprinkler system-BIS-15105 is installed in entire building? (Y/N)	Desirable Mandatory None
	Whether the sprinkler spacing calculation statement is included in the Fire plan?	Desirable Mandatory None
	Whether Manually Operated electronic Fire alarm system – BIS-2189 installed? (Y/N)	Desirable Mandatory None
	Whether Automatic Detection and Alarm System – BIS 2189/1989 & 2175/1988 is installed?(Y/N)	Desirable Mandatory None
	Whether the Detector spacing calculation statement is included in the Fire plan?	Desirable Mandatory None
	Whether Automatic Detection and Alarm System is provided in the electrical shaft and lift machine room (Y/N)	Desirable Mandatory None
	What is the capacity of the jockey pump installed ?	Desirable Mandatory None
	What is the capacity of the main electric pump installed ?	Desirable Mandatory None
	What is the capacity of the Diesel (stand by) pump installed ?	Desirable Mandatory None
	What is the capacity of Under Ground Static Storage Tank? (in ltr)	Desirable Mandatory None

	What is the capacity of the main electric pump installed ?	Desirable Mandatory None
	What is the capacity of Terrace tank? (in ltr) :	Desirable Mandatory None
	Capacity of the Terrace level pump installed (in ltr) :	Desirable Mandatory None
	Whether two Electric Pump of capacity 2280 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Electric Pump of capacity 180 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Electric Pump of capacity 1620 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether two Electric Pump of capacity 1620 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Diesel Pump of capacity 1620 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Diesel Pump of capacity 2280 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Diesel Pump of capacity 2850 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether two Electric Pump of capacity 180 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether one Electric Pump of capacity 2850 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether two Electric Pump of capacity 2850 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether One Electric Pump of capacity 2280 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether one Stand-by Pump of capacity 2850 LPM is installed? (Y/N)	Desirable Mandatory None

	Whether one Stand-by Pump (Diesel or Electrical) of capacity 2280 LPM is installed? (Y/N)	Desirable Mandatory None
	Whether Fire Brigade Inlet is installed in the building? (Y/N)	Desirable Mandatory None

3.2 Automatic High Velocity Water Spray Emulsifying System

(NBC Part IV 5.1.8)

Choose	Particulars	Type
	Whether indoor oil-cooled transformers present in the building?(Y/N)	Desirable Mandatory None
	If answer to above question is Y, Whether Automatic High Velocity Water Spray Emulsifying System is provided in accordance with IS 3034:1993? (Y/N)	Desirable Mandatory None

3.3 Fixed Foam Installation

(NBC Part IV 5.1.9)

Choose	Particulars	Type
	Whether oil storage area of boilers are present in the basement? (Y/N)	Desirable Mandatory None
	If answer to above question is Y, Whether Fixed foam Installation system is provided?(Y/N)	Desirable Mandatory None
	Whether cable tunnels and confined areas are present in the building?(Y/N)	Desirable Mandatory None
	If answer to above question is Y, Whether Fixed Foam Installation system is provided or not? (Y/N)	Desirable Mandatory None

3.4 Gas Based Suppression System

(NBC Part IV 5.1.10)

Choose	Particulars	Type
	Whether there is an area in building where water or foam cannot be used, or areas of special fire risk/essential applications?(Y/N)	Desirable Mandatory None
	If answer to above question is Y, Whether Gas Based Fixed system provided or not in accordance with IS 15528:2004	Desirable Mandatory None

3.5 Fire Station/Cabinet

Choose	Particulars	Type
	No of Fire Station/Cabinet provided in the building:	Desirable Mandatory None
	Whether all Fire Stations/ Cabinets are clearly marked 'FIRE' with luminous signs powered by UPS?(Y/N)	Desirable Mandatory None

3.6 Marking of equipments

(NBC Part IV 5.1.11)

Choose	Particulars	Type
	Whether all the metal fittings of Down Comer/Wet Riser system and all the Fire Extinguishers have BIS Marking?(Y/N)	Desirable Mandatory None

3.7 Fire Pump Room

(NBC Part IV 5.1.11)

Choose	Particulars	Type
	Whether the Fire pump room is directly accessible from surrounding ground level .(Y/N)	Desirable Mandatory None
	Whether the Fire pump room is installed in any floor lower than 2nd basement floor?(Y/N)	Desirable Mandatory None
	Whether the Fire pump room is separated by fire wall all around and provided with fire doors(Y/N)	Desirable Mandatory None
	Whether positive suction is ensured for the pumps.(Y/N)	Desirable Mandatory None