PUNJAB FIRE SERVICE HEADQUARTERS: CHANDIGARH

- 1. Name of the building
- 2. Address of the Building
- 3. Name and Address of builder/promoter
- 4. Name and Address of owner/occupiers of Individual Flats.
- 5. Plot Area
 - a. Title
 - b. Land use (in case of residential building Indicate no. of dwelling units)
- 6. Covered area (at grade level)
- 7. Height of the building
- 8. a. Overall height (from grade level)
 - b. Whether set back areas are conforming to unified building bye-laws 12.4(b)
- 9. a. Number of basements (Please Indicate level below grade in each case)
 - b. If basement extends beyond the building line, please indicate the load bearing strength of the roof of basement.
 - c. Area of basement
 - d. Whether any piazza is proposed? If so, details of the level of piazza and ramps etc. be indicated
- 10. Number of Floors (including ground floor)
- 11. Occupancy (Use-please mention separately for basement & floors)
- 12. Covered area of typical floor of bldg. Blocks.
- 13. Parking areas (please give details)
- 14. Details of surrounding property features
- 15. Approach to proposed building, width of the road and connecting roads, if any
- 16. Please give details of water supply available exclusively for fire fighting.
- 17. Has wet riser(s) been provided? If so, please indicate the number of risers and internal dia of each.
- 18. Has any down comer been provided? If so, please give details.
- 19. Please indicate the present arrangement for replenishment of water for fire fighting.
- 20. Is a public or other water storage facility available nearby? If so, please give the capacity and distance from your building, also please indicate if it is readily accessible.
- 21. Please give any other information that you can, regarding available of water supply for fire fighting.
- 22. Have internal hydrants been provided If so, please indicate no. of hydrants on each floor including basement(s) and terrace.
- 23. Have first add-hose reels been provided? If so, please indicate:
 - a. No. of hose reels on each floor including basement(s)
 - b. Bore and length of hose-reel tubing on each reel.
 - c. Size (bore) and type of nozzle fitted to each hose reel.
 - d. Is the hose reel connected directly to the riser or to the hydrant outlet?

- 24. Has fire hose been provided near each hydrant? If so, please indicate
 - a. The type of hoses
 - b. The size (bore) of hoses.
 - c. The length of each hose
 - d. Total number of hoses provided near each hydrant.
- 25. Have branch pipes been provided? If so, please Indicate
 - a. The type of branch pipes
 - b. Size of nozzle fitted to each branch
- 26. a. If the basement is used for car parking or storage, has it been sprinkled?
 - b. Whether any cubicals proposed in the basement? If so, the area of each cubical be indicated?
 - c. Whether segregation/compartmentation of the basement has been provided? If so, please indicate
- 27. Is the building equipped with automatic fire detection and alarm system? If so, please indicate:
 - a. The type of detectors used
 - b. The standard to which the detectors confirm
 - c. The code to which the installation confirms.
- 28. Have manual call boxes been installed in the building for raising an alarm in the event of an outbreak of fire? If so, please give details
- 29. Has public address system been provided between the various floors and the fire control room in entrance lobby?
- 30. Has an intercom system been provided between the various floors and the fire control room in entrance of the building?
- 31. Has a fire control room be provided in the entrance lobby of the building?
- 32. How many staircases have been provided in the building? Please indicate in each case:
 - a. Width of the stairway
 - b. Width of the treads
 - c. Height of the rigors
 - d. if the treads are of the non-slip type.
- 33. What is the average occupant load per floor?
- 34. How many lifts have been installed in the building? Please indicate in each case.
 - a. The floors between which the lift runs.
 - b. The type of doors fitted to the lift car and at each landing
 - c. Fire resistance rating of lift car and landing doors, if known.
 - d. Floor area of the lift car.
 - e. Loading capacity of the lift car.
 - f. Has communication system been installed in the lift for car?
 - g. Has a Fireman's switch been installed in the lift for grounding it in the event of fire?
- 35. Have any stationary fire pump(s) been installed for pressurizing the wet riser? If so, please indicate
 - a. The number of pumps
 - b. The size of suction and delivery connection of each pump
 - c. The output of each pump.

- d. The maximum head against which the pump can operate at the output mentioned at (c)
- e. Is the pump automatic in action?
- 36. Has a standby source of power supply been provided? Lift is through a generator, please indicate
 - a. the capacity (output)
 - b. the functions that can be maintained simultaneously by the use of generator, such as operating lift(s) fire pumps emergency lighting etc.
 - c. Is the generator automatic in action or has to be started manually?
- 37. Has any yard hydrant been provided from the building's fire pump?
- 38. Where more than one lifts are installed in a common enclosure have individual lifts been separated by fire resisting walls or 2 hours fire rating?
- 39. Has the lift shaft(s) lift lobby or stairwell been pressurized? If so, give details.
- 40. Have the lift lobbies and staircase been effectively enclosed to prevent fire/smoke entering them from outside at any floor?
- 41. Have all exists and direction of travel to each exit been sign-posted with illuminated signs?
- 42. Has a false ceiling been provided in any portion of the building? If so, please indicate location and also mention if the material used for the false ceiling is combustible or non-combustible.
- 43. Is the building centrally air-conditioned? If so, please indicate
 - a. The material used for construction of duct and its fittings.
 - b. The type of tinning used for ducts, if any
 - c. The type of lagging used, if any for insulating any portion of the duct, please also indicate how the lagging is secured.
 - d. If false ceiling is provided, please give information as at 42 above
 - e. If plonum is used a return air passage has it been protected with fire detectors? Please give details.
 - f. Has a separate AHU been provided for each floor?
 - g. Whether automatic shut down of AHU is coupled with detection system?
 - h. Is the ducting for each floor effectively isolated or is it continuous or more than one floors?
 - i. Are the fire dampers being provided?
- 44. Where are the switchgear and transformers located? If inside the building, please indicate.
 - a. If the switchgear and transformer(s) have been housed in separate compartments, effectively separated from each other and from other portion of the buildings by a four hours fire resistive wall?
 - b. What precautions have been taken to prevent a possible fire in the transformer(s) from spreading?
- 45. I Where electric cables, telephone cables, dry/wet risers/down comers pass through a floor or wall have the spaces (apertures) round the cables/pipes been effectively sealed/plugged with non-combustible, fire resistant material?

II Ventilation

- a. Whether natural ventilation is relied upon? If so give details of the vents for the stairwell, lift shaft.
- b. Whether mechanic ventilation has been proposed? If so, give details of the proposed system indicating the number of air changes for the basement and other floors.
- c. Whether mechanical ventilation is coupled with automatic detection system? Please give details of the system.
- 46. Please indicate the number and type of fire extinguishers provided at various indications and the arrangement for the maintenance of the extinguishers.
- 47. Please indicate if all fire extinguishers bear the ISI certification mark.
- 48. Whether the refuge area has been provided? If so, the floor on which provided and the total area provided floor-wise.
- 49. Are the occupants of the building systematically trained in fire prevention, use of fire extinguishers and emergency procedures? If so, please give details.
- 50. Does an emergency organization exist in the building? If so, please give details and append a copy of the emergency (Fire) orders
- 51. Has a qualified Fire Officer been appointed for the building either individually or jointly with other building(s)
- 52. Has the building been protected against lightening? If so, does the lightening protect confirm to any code? Please indicate details.
- 53. The work has not been started on site and construction will be started only after final approval of the Competent Authority the position of construction site is given below:

Owner's Signatures	Signature of the Applicant/Arch.
Name(in block letters)	Name
	Designation
Date	Organisation

> Signature of Competent Authority

Name

Designation

Organisation