Office of the Director General of Police
Commandant General, Home Guards &
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Director General Karnataka State Fire &
Emergency Services
No. 1, Annaswamy Mudaliar Road
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No.GBC(1) 81/2016
Docket No. KSFES/NOC/06/2016

20 -03-2017

To
The Commissioner,
Bruhath Bangalore Mahanagara Palike,
N.R. Square,
Bangalore -56 002.

Sir,

Sub: Issue of No Objection Certificate for the construction of 2 High Rise Residential Buildings i.e. Building-1 with one Tower i.e. Tower-1 & Club House and Building-2 with 10 Towers i.e. Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11 at Sy. Nos. 11/1, 11/2, & 10/3, Mallasandra Village, Uttarahalli Hobli, Bangalore South, Bangalore – reg.

Ref: Letter dated 24-08-2016 of the Authorised Signatory, M/s. Salarpuria Housing Pvt. Ltd., 4th floor, Salarpuria Windsor, No.3, Ulsoor Road, Bangalore-42.

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With reference to the letter of the Authorised Signatory, M/s. Salarpuria Housing Pvt. Ltd., cited above, the Regional Fire Officer, Bangalore East Range of this department has inspected the site of proposed 2 High Rise Residential Buildings i.e. Building-1 with one Tower i.e. Tower-1 & Club House- joined together and Building-2 with 10 Towers i.e. Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11- joined together at Sy. Nos. 11/1, 11/2, & 10/3, Mallasandra Village, Uttarahalli Hobli, Bangalore South, Bangalore on 30-08-2016 with reference to the drawings, submitted by the applicant and has furnished the details as follows :-

A. <u>Details of the premises.</u>

1. Address of the premises	:	Sy. Nos. 11/1, 11/2, & 10/3, Mallasandra Village, Uttarahalli Hobli, Bangalore South, Bangalore .
2. Number of Buildings	:	2 Buildings i.e. Building-1 with one Tower i.e. Tower-1 & Club House- joined together and Building-2 with 10 Towers i.e. Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11- joined together .

3. Number of floors

Building- 1

Tower-1	:	2 Common Basements, ground & 13 upper floors.
Club House	:	2 Common Basements, ground & 2 upper floors.

Building-2

Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11	:	Each of 2 common Basement, ground & 13 upper floors.

4. Type of Occupancy : Residential.

5. Floor wise details of the occupancy :-

Building-1 & 2

Tower-1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11 and Club House

Common Lower Basement	:	For parking 440 Cars, 1 STP & Pump Room.
Common Upper Basement	:	For parking 376 Cars 1 D.G. Room, 7 Electrical Rooms and 3 Communication Rooms.

Building – 1

Tower-1 & Club House

Ground floor	:	1 Facility Office, Convenience Store, Pantry, Entrance Lobby, Multipurpose Hall, Table Tennis and Squash Court.
1st floor	:	2 flats, Reading Room, Entrance Lobby, Indoor Games, Billiards, Store/Pantry and Store.
2nd floor	:	3 flats, Multipurpose Hall, Gymnasium, Health Club (gents), Health Club (Ladies) and Yoga/Aerobics.

Tower-1

3rd floor	:	3 flats.
4th floor	:	4 flats.

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5th floor to 13th floor	:	4 flats on each floor x 9 floors = 36 flats.

Building-2

Tower-2

Ground floor	:	3 flats & 1 Entrance lobby.
1st floor	:	3 flats.
2nd to 13th floor	:	4 flats on each floor X 12 floors = 48 flats.

Tower-3

Ground floor	:	3 flats, 1 Multipurpose Hall, Store, Entrance Lobby & Pantry.
1st floor	:	3 flats.
2nd to 13th floor	:	5 flats on each floor X 12 floors = 60 flats.

Ground floor	:	3 flats, Pantry & 1 Entrance lobby.
1st floor	:	3 flats.
2nd to 13th floor	:	5 flats on each floor X 12 floors = 60 flats.

Tower-5

Ground floor	:	5 flats & 1 Entrance lobby.
1st floor	:	5 flats.
2nd to 13th floor	:	6 flats on each floor X 12 floors = 72 flats.

Tower-6

Ground floor	:	5 flats & 1 Entrance lobby.
1st floor	:	5 flats.
2nd to 13th floor	:	6 flats on each floor X 12 floors = 72 flats.

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Tower-7		
Ground floor	:	3 flats, Multipurpose Hall, Pantry & 1 Entrance lobby.
1st floor	:	3 flats.
2nd to 13th floor	:	6 flats on each floor X 112floors = 72 flats (24 EWS flats).
Tower-8		
Ground floor	:	3 flats, Multipurpose Hall, Pantry & 1 Entrance lobby.
1st floor	:	3 flats.
2nd to 13th floor	:	6 flats on each floor X 12 floors = 72 flats (24 EWS flats).
Tower-9		
Ground floor	:	5 flats, 1 Swimming Pool & 2 Change Rooms.
1st floor	:	5 flats.
2nd to 13th floor	:	6 flats on each floor X 12 floors = 72 flats.
Tower-10		
Ground floor	:	5 flats & 1 Entrance lobby.
1st floor	:	5 flats.
2nd to 13th floor	:	6 flats on each floor X 12 floors = 72 flats.
Tower-11		
Ground floor	:	4 flats (1 EWS) & 1 Entrance lobby.
1st floor	:	4 flats (1 EWS).
2nd to 13th floor	:	6 flats (3 EWS) on each floor X 12 floors = 72 flats (36 EWS) .
	Total :	**798 flats (86 EWS flats).**

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6. Height of the Building

Building–1		
Tower-1	:	43.45 mtrs.
Club House	:	12.90 mtrs.
Building-2		
Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11	:	Each of 43.45 mtrs.

7. Site Area : 38,468.16 Sq. mtrs.

8. Built-up area of each floor :-

Building – 1 & 2 (Tower-1, 2, 3, 4, 5, 6, 7, 8,9, 10 & 11 and Club House)		
Common lower Basement	:	18,591.70 Sq. mtrs.
Common upper Basement	:	16,136.08 Sq. mtrs.
Building – 1		
Tower-1		
Ground floor	:	306.40 Sq. mtrs.
1st floor	:	302.96 Sq. mtrs.
2nd floor	:	401.96 Sq. mtrs.
3rd floor	:	401.96Sq. mtrs.
4th floor	:	401.96 Sq. mtrs.
5th floor	:	527.17 Sq. mtrs.
6th floor to 13th floor (511.45 Sq. mtrs. on each floor x 8 floors)	:	4,091.60 Sq. mtrs.

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Terrace floor	:	48.02 Sq. mtrs.
Club House	:	1,675.29 Sq. mtrs.

Building-2

Tower-2

Ground floor	:	428.55 Sq. mtrs.
1st floor	:	352.60 Sq. mtrs.
2nd floor to 13th floor (438.86 Sq. mtrs. on each floor x 12 floors)	:	5,266.32 Sq. mtrs.

Tower-3

Ground floor	:	459.32 Sq. mtrs.
1st floor	:	323.91 Sq. mtrs.
2nd floor to 13th floor (455.86 Sq. mtrs. on each floor x 12 floors)	:	5,470.32 Sq. mtrs.

Tower-4

Ground floor	:	459.15 Sq. mtrs.
1st floor	:	323.74 Sq. mtrs.
2nd floor to 13th floor (455.63 Sq. mtrs. on each floor x 12 floors)	:	5,467.56 Sq. mtrs.
Terrace floor	:	50.70 Sq. mtrs.

Tower-5

Ground floor	:	664.84 Sq. mtrs.
1st floor	:	596.00 Sq. mtrs.

2nd floor to 13th floor (656.89 Sq. mtrs. on each floor x 12 floors)	:	7,882.68 Sq. mtrs.
Terrace floor	:	43.55 Sq. mtrs.
Tower-6		
Ground floor	:	664.63 Sq. mtrs.
1st floor	:	595.98 Sq. mtrs.
2nd floor to 13th floor (656.89 Sq. mtrs. on each floor x 12 floors)	:	7,882.68 Sq. mtrs.
Terrace floor	:	43.55 Sq. mtrs.
Tower-7		
Ground floor	:	450.73 Sq. mtrs.
1st floor	:	321.03 Sq. mtrs.
2nd floor to 13th floor (457.69 Sq. mtrs. on each floor x 12 floors)	:	5,492.28 Sq. mtrs.
Tower-8		
Ground floor	:	450.73 Sq. mtrs.
1st floor	:	321.03 Sq. mtrs.
2nd floor to 13th floor (457.69 Sq. mtrs. on each floor x 12 floors)	:	5,492.28 Sq. mtrs.
Terrace floor	:	53.89 Sq. mtrs.
Tower-9		
Ground floor	:	664.69 Sq. mtrs.
1st floor	:	595.99 Sq. mtrs.

2nd floor to 13th floor (656.89 Sq. mtrs. on each floor x 12 floors)	:	7,882.68Sq. mtrs.
Terrace floor	:	43.55 Sq. mtrs.
Tower-10		
Ground floor	:	664.69 Sq. mtrs.
1st floor	:	595.99 Sq. mtrs.
2nd floor to 13th floor (656.89 Sq. mtrs. on each floor x 12 floors)	:	7,882.68 Sq. mtrs.
Terrace floor	:	43.55 Sq. mtrs.
Tower-11		
Ground floor	:	409.82 Sq. mtrs.
1st floor	:	334.18 Sq. mtrs.
2nd floor to 13th floor (408.43 Sq. mtrs. on each floor x 12 floors)	:	4,901.16 Sq. mtrs.
Terrace floor	:	53.89 Sq. mtrs.
9. Total Built-up area	:	**1,16,671.30 Sq. mtrs.**

10. Surrounding properties:-

East	:	Vacant land.
West	:	12.50 mtrs. wide Road.
North	:	11.80 mtrs. wide Road.
South	:	18.00 mtrs. wide Proposed RMP Road & Vacant land thereafter.

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B. The plan shows the following structural details indicating the fire prevention, fire fighting and evacuation measures. These measures are considered adequate as follows:-

Details (1)		Existing (2)
1. Width of the road to which the building abuts and whether it is hard surfaced to carry the weight of 45,000 kgs.	:	The premises is abutting 12.50 mtrs. wide Road, located on the western side & 11.80 mtrs. wide Road, located on the northern side. Both the roads are hardened to carry the weight of 45,000 kgs.
2. Number of entrances and width of each	:	Proposed to provide 3 entrances, one of 10.00 mtrs. width & another of 6.00 mtrs. width from 12.50 mtrs. wide Road, located on the western side and one of 8.00 mtrs. width with entry & exit from 11.80 mtrs. wide Road, located on the northern side.
3. Height clearance over the entrance	:	Proposed to provide a arch over the entrances with height clearance of 6.00 mtrs.

4. Width of open space (Setbacks):-

Building– 1
Tower-1 & Club House – joined together

Front (West)	:	Minimum 25.00 mtrs. (from the Nala)
Rear (East)	:	Minimum 13.00 mtrs.
Side (North)	:	Minimum 41.68 mtrs.
Side (South)	:	Minimum 17.46 mtrs.

Building – 2
Tower- 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11– joined together

Front (West)	:	Minimum 14.67 mtrs.
Rear (East)	:	Minimum 19.73 mtrs.
Side (North)	:	Minimum 15.19 mtrs.
Side (South)	:	Minimum 13.81 mtrs.

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(1)		(2)
5. Arrangement for parking the Cars	:	Provision has been made to park 440Cars at common lower Basement parking area, 376 Cars at common upper Basement parking area and 47 Cars on the open space available on the southern, eastern & western sides. This open space parking shall be after leaving 8.00 mtrs. wide driveway from the Building line. Proposed to provide ramp-cum- drive way with entry & exit and one ramp for upper Basement and 3 ramps for lower Basement for the Cars & Two wheelers to reach the Basements parking area.
6. Number of Staircases		
Building-1	:	3 (2 in Tower-1 & 1 in Club House).
Building-2		
Tower-2, 3 & 4	:	3 (1 in each Tower common terrace).
Tower-5	:	2 .
Tower-6	:	2 .
Tower-7 & 8	:	2 (one in each Tower with common terrace) .
Tower-9	:	2.
Tower-10 & 11	:	3 (2 in Tower-10 & 1 in Tower-11 with common terrace).
7. Location of the staircases	:	All the staircases have been designed to abut one of its side to the external wall and are terminated at ground floor level. 17 separate staircases have been proposed to reach the common lower Basement parking area from the ground floor. Further provision has been made to enclose all the staircases of each Building at each floor level.

(1)		(2)
8. Staircase size:-		
(a)Width of the staircases		
Tower-1, 2, 3, 4, 5, 6, 7,8, 9, 10 & 11		Each of 1.20 mtrs.
Club House	:	1.50 mtrs.
(b) Width of treads	:	30 Cms.
(c) Height of riser	:	15 Cms.
(d) Number of risers in a flight	:	10 risers per flight.
(e) Height of hand rails	:	1.00 mtr. As proposed, the hand rails should be provided at a height of 1.00 mtr. The gap between two verticals should not exceed 15 Cms.
(f) Head room clearance	:	3.05 mtrs.
9. Travel distance from the farthest point and from dead-end of the corridor to the staircase.	:	Maximum 33.20 mtrs. from the farthest point to staircases in Basements.
Building-1		Maximum 20.00 mtrs. from the farthest point and maximum 4.00 mtrs. from the dead end of the corridor to the staircases in upper floors.
Building – 2		Maximum 19.50 mtrs. from the farthest point and maximum 7.50 mtrs. from the dead end of the corridor to the staircases in upper floors.
10. Number of lifts and capacity		
Building – 1		
Tower-1	:	2 lifts, one of 13 passengers capacity & another of 15 passengers capacity.
Club House	:	One lift of 13 passengers capacity.

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(1)		(2)
Building – 2		
Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11	:	One of 13 passengers capacity & another of 15 passengers capacity in each Tower (total 20 lifts).

C.While constructing the building the following fire safety measures should be incorporated:-

Details (1)	Existing (2)	Recommendation (3)
1. Condition of the open space.	--	Out of the required and allowed setbacks of minimum 13.00 mtrs. all around each Building, the setbacks to an extent of 8.00 mtrs. from each Building line should have a RCC slab of 200 mm thickness to carry the load of 45,000 kgs., being the weight of a fire unit. This driveway all around each building, should always be kept free and clear. It would be advantageous to the builders and the users to elevate this portion by a few inches and even provide for a different colour, so that people are aware that this is the emergency route for fire fighting vehicles, ambulances etc. The total setbacks shall be at even level without any structure and projections up to a height of 5.50 mtrs. These setbacks shall be always kept free from any construction or utilization like garden, landscaping parking etc.
2. Structural materials.	---	RCC materials and brick walls of not less than two hours fire resistance should be used for the construction of structures. Only fire resistant materials or materials treated with fire retardant chemicals, should be used for interior decoration work. While attending the interior decoration the fixed fire fighting systems like sprinklers/risers etc., should not be covered or shifted from their original location.

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(1)	(2)	(3)
3. Design of the staircases.	Not indicated	All the staircases should be constructed with non-combustible materials and should be completely enclosed at each landing to prevent smoke and fire traveling from the lower floors to the upper floors. Enclosures to staircases should be provided with self-closing smoke-stopping swing-door, fitted with door closing devices at the exit to the lobby. These doors should have at least two hours fire resistance capacity. The staircase area should be without glazing or glass brick walls to avoid reflections. Any area of dwelling or storage should not open directly to the staircase.
4. Specification of lift.	Not indicated	The brick walls, enclosing the lift shafts, should be of 90 mm thickness and have a fire resistance of not less than two hours. Shaft should have permanent vent of not less than 0.2 sq.mtrs. clear area, immediately under the machine room. Lift motor rooms should be preferably located at the top of the shaft and separated by the enclosing wall of shaft or by the floor of the machine room. Landing doors of lift enclosures should open into a ventilated lobby having one hour fire resistance. Lift car doors should be of metal finish, operating automatically and should have fire resistance capacity of one hour. Exit from the lift lobby should be through a self closing smoke stopping door of 15 mm thickness, having one hour fire resistance capacity. This is to prevent smoke and fire traveling from the lower floors to the upper floors. The lift machine rooms should be separate and no other machinery should be installed therein. Each lift should be connected to an alternative source of power (generator). Grounding switches at the ground floor level to enable the Fire & Emergency Services personnel to ground all the lift cars and use them as ' FIRE LIFT' in an emergency should be provided. All the lifts, extended up to the common lower Basement, shall be terminated at the ground floor level or the lift lobby at the basement level shall be enclosed and pressurized with positive pressure.

(1)	(2)	(3)
5. Service ducts/shafts.	---	Service ducts should be enclosed by walls of 100 mm. thickness to have at least two hrs. fire resistance capacity. A vent, opening at the top of the service shafts, should be provided between one fourth and half of the area of the shafts. The electrical distribution cables and wiring should be laid in a separate duct. All the ducts should be sealed at every alternate floor with non-combustible metal doors having at least two hours fire resistance capacity. Water mains, telephone lines, intercom lines or any other service lines should not be laid in the duct, meant for electric cables. The inspection panel doors and any other opening to the shafts should be provided with airtight doors of at least two hours fire resistance capacity.
6. Basements Ventilation	Not indicated	Each basement shall be separately ventilated. Vents with cross-sectional area (aggregate) not less than 2.5% of the floor area spread evenly round the perimeter of the basement shall be provided in the form of grills, or breakable stall board lights or pavement lights or by way of shafts. Alternatively, a system of air inlets shall be provided at basement floor level and smoke outlets at basement ceiling level. Inlets and extracts may be terminated at ground level with stall board or payment lights as before, but ducts to convey fresh air to the basement floor level have to be laid. Stall board and pavement lights should be in positions easily accessible to the fire brigade and clearly marked 'SMOKE OUTLET' or 'AIR INLET' with an indication of area served at our near the opening. In multi–storey basements, intake ducts may serve all basement level, but each basement levels and basement compartment shall have separate smoke outlet duct or ducts. Ducts so provided shall have the same fire resistance rating as the compartment itself. Fire rating may be taken as the required smoke extraction time for smoke extraction ducts.

(1)	(2)	(3)
		Mechanical extractors for smoke venting system from lower basement levels shall also be provided. The system shall be of such design as to operate on actuation of heat / smoke sensitive detector or sprinklers, if installed, but shall have a considerably superior performance compared to the standard units. It shall also be an arrangement to start it manually. Mechanical extractors shall have an internal locking arrangement, so that extractors shall continue to operate and supply fan shall stop automatically with the actuation of fire detectors. Mechanical extractors shall be designed to permit 30 air changes per hour in case of fire or distress call. Mechanical extractors shall have an alternative source of supply. Ventilating ducts shall be integrated with the structure and made out of brick masonry or reinforced cement concretes as far as possible and when this duct crosses the transformer area or electrical switchboard, fire dampers shall be provided. Use of basements for kitchens working on gas fuel shall not be permitted, unless air conditioned. If cut outs are provided from basements to the upper floors or to the atmospheres, all sides cut out openings in the basements shall be protected by sprinkler head at close spacing so as to form a water curtain in the event of a fire.
7. Escape route.	Not indicated	Direction in which the inmates should have to move in the event of any emergency have to be indicated in the corridor/passage on each floor as a guide during evacuation. These marking should be in luminous paint.

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D. The builder should arrange for the following fire fighting and evacuation measures:-

Details (1)	Existing (2)	Recommendation (3)
1. Electric power supply.	---	Circuits for water pumps, lifts, staircase lighting in the building should be by separate line and independently connected so that they can be operated by one switch installed the ground floor. Dual operated switches should be installed in the service room for terminating the standby supply. As proposed 3 standby generators, each of 500 KVA capacity shall be installed at common upper Basement to supply alternative power for staircase lighting, corridor lighting, fire fighting systems, lifts etc., in the event of failure of electricity supply, in the building.
2. Wet riser-cum-down comer.	Proposed to provide 11 Wet riser-cum-down comer sytems (1 in Building-1 & 10 in Building-2).	As proposed 11 Wet Riser-cum-down comer systems (1 in Building-1 & 10 in Building-2), near the staircases shall be provided. Each should be of 100 mm internal diameter and of G.I. 'C' class pipe. From each riser single hydrant outlets should be provided at each landing. Hose reel hose of minimum 19 mm size of adequate length to reach the farthest point of each floor should be provided with a shut off branch having a nozzle of 5 mm size. The hose reel hose should be connected at each landing by means of an adaptor. Adequate B.I.S. marked reinforced rubber lined delivery hoses of 63 mm size to reach the farthest point of the floor/setbacks from the system should be provided with a branch pipe near each hydrant outlet in a proper box to protect it from withering. At least two fire service inlets to boost the water in the riser directly from the mobile pump should also be provided. These inlets should be located at an easily accessible position, preferably near the entry point to the premises.

(1)	(2)	(3)
		Each wet riser-cum-down comer system of Building-1 & 2 of should be connected to an overhead tank of 10,000 litres capacity and an underground tank of 75,000 litres capacity. One diesel driven pump and one electrically driven pump, each capable of delivering 1620 litres of water per minute at 0.3N/mm2 pressure and an jockey pump with a capacity of 180 LPM shall be installed near the combined underground tank at the rate of 1 set of pumps for every 4 risers (total 3 set of pumps). The impeller of all the pumps should be made of bronze.
3. Manually operated fire alarm system	Proposed to provide manually operated electrical fire alarm system with call boxes near each staircase landing of each Building.	Manually operated electrical fire alarm system should be installed with call boxes located near each staircase landing of each Building. The call boxes should be of 'break glass' type, where the call is transmitted automatically to the control room when the glass of the system is broken. This system should also be connected to an alternative source of power supply (diesel generator). The call boxes should be so installed that their location can be easily noticed from either direction and should be at a height of one meter from the floor level.
4. Automatic fire detection system.	Proposed to provide automatic fire detection system with 17 smoke detector heads & 01 heat detector heads at ground floor, 12 smoke detector heads at 1st floor & 12 smoke detector heads at 2nd floor of Club House.	As proposed automatic smoke detection system shall be provided with its console at ground floor level.

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(1)	(2)	(3)
5. Automatic sprinkler system.	Proposed to provide automatic sprinkler system with 1,282 sprinkler heads at common lower basement parking area , 1,088 sprinkler heads at common upper basement parking area and 47 sprinkler heads at ground floor, 27 sprinkler heads at 1st floor & 27 sprinkler heads at 2nd floor of Club house.	Adequate. Separate water for sprinkler system to use 10% of the sprinkler system for about 30 minutes shall be provided.
6. Public address system.	Proposed to provide public address system with two way communication facility.	As proposed a public address system with two way communication facility should be provided at each floor near each staircase landing with its console at the control room, located on the ground floor.
7. Assembly Area	Not marked.	An area at an appropriate place in the allowed/ required setbacks shall be earmarked with a proper board as 'ASSEMBLY AREA' for the occupants to assemble after evacuation during practice drill and in an emergency.
8. Portable fire extinguishers.	Proposed to provide suitable type of portable fire extinguishers as per the requirements.	a) One ABC Powder extinguisher of 6 kgs. capacity for every 8 Cars at each Basement parking area and also on the open space parking area under shelter. b) One ABC extinguisher of 2 kgs. capacity should be provided near the entrance to each main switch board room, inside each lift machine room and inside each kitchen.

(1)	(2)	(3)
		c) One ABC Powder extinguisher of 6 kgs. capacity should be provided near the transformer, if installed and near the entrance to the D.G. Room. d) One ABC Powder extinguisher of 6 Kgs. capacity should be kept near each staircase landing on every floor of each Tower. e) All the extinguishers suggested above should be with B.I.S. markings and should be located at an easily accessible position without obstructing the normal passage.
9. Fire safety plan.	---	A Fire safety plan for preventing and extinguishing any accidental fire in each Building and action to be taken by the occupants in case of such fire should be prepared in advance and got approved by the Director, Karnataka Fire & Emergency Services. The fire safety plan, so approved, should contain the telephone numbers of the nearest Fire Control i.e., 101, 22971500, 22971550 and 22971600. The plan should be distributed to all the occupants and employees in each Building and should be displayed on every floor. A Fire Command Station should be established in the lobby of each Building on the entrance floor and such command station should be adequately illuminated. The main control of the public address system and fire alarm system should be at the Fire Command Station. A Fire Safety Director should be nominated for each Building. He should conduct fire and evacuation drills periodically. He should nominate a Fire Warden for each floor and ensure that no individual of the building does anything which causes or stimulates an accidental fire and in case of lapses in respect of fire prevention measures, he should take action as deemed fit to ensure the safety from the fire point of view. If the action is beyond his capacity he should inform the Fire & Emergency Services department.

(1)	(2)	(3)
10. Training	Not indicated	40% of the occupant/employees should be got trained in fire prevention & fire fighting at the R.A. Mundkur Fire & Emergency Services Academy, Bannerghatta Road, Bangalore – 560 029 within 6 months from the date of occupation of the building. For this purpose, before approaching this department for final clearance certificate, the applicant should give an undertaking in the form of an affidavit regarding the maintenance of the fire prevention and fire fighting measures suggested above and arranging training of 40% of the occupants in fire prevention and fire fighting within 6 months from the date of issue of the clearance certificate.

E. General:-

1) All the fire prevention, fire fighting and evacuation measures suggested / recommended in B, C & D shall be strictly adhered to adopted.

2) Hazardous materials such as petroleum products, explosives, chemicals etc. should not be stored on any floor of the building.

3) Refuse dumps or storage should not be permitted in any of the floors.

4) Liquefied petroleum gas should not be stored in the building, except limited quantity required for each kitchen.

5) Plan & occupancy should not be changed without informing the Fire & Emergency Services and without taking clearance.

6) The occupancy certificates should not be issued without obtaining the clearance certificate from the Fire & Emergency Services department as per Chapter 3.16 (v) of the Zoning Regulation 2007 of the Bangalore Development Authority.

7) Such reasonable changes/modifications as may be found necessary, after the building is fully constructed, will have to be agreed to be done by the builder/occupants of the building.

8) All the metal fittings of wet riser system and all the extinguishers suggested above should have B.I.S markings.

9) **Apart from the above the Building shall be constructed by following all the rules & conditions stipulated in Part-III & IV of NBC & local zoning regulations strictly, failing which the NOC issued will not be valid.**

10) **The NOC is issued from the Fire Prevention and Fire Fighting point of view. Karnataka State Fire & Emergency Services Department will not endorse the ownership of the premises and not responsible for any disputes which may arise in due course.**

Subject to the strict adherence to the conditions laid down as above, issue of license for the construction of 2 High Rise Residential Buildings i.e. Building-1 with one Tower i.e. Tower-1 & Club House- joined together and Building-2 with 10 Towers i.e. Tower-2, 3, 4, 5, 6, 7, 8, 9, 10 & 11- joined together at Sy. Nos. 11/1, 11/2, & 10/3, Mallasandra Village, Uttarahalli Hobli, Bangalore South, Bangalore may please be considered.

DGP & DIRECTOR GENERAL * KARNATAKA FIRE & EMERGENCY SERVICES * BANGALORE 560 042

Yours faithfully,

Director General of Police
and Director General,
Karnataka Fire & Emergency Services.

Copy to:
1) The Authorised Signatory, M/s. Salarpuria Housing Pvt. Ltd., 4th Floor, Salarpuria Windsor, No.3, Ulsoor Road, Bangalore-42.
2) The Chief Fire Officer, Bangalore East Range, Bangalore.