

कार्यालय नगर परिषद अलवर

क्रमांक - फायर / 1535

दिनांक: 25/11/2013

M/S - NEEMRANA ESTATE PRIVATE LIMITED.

GROUP HOUSING PROJECT - KHASRA Nos-967-968

VILLAGE - CHOBARA, SHAHJAHANPUR, (NEEMRANA) ALWAR.

विषय :- अस्थाई फायर एन.ओ.सी. जारी करने बाबत ।

प्रसंग :- आपका पत्र दिनांक 21-11-2013 के क्रम में ।

उपरोक्त प्रासंगिक पत्र के सन्दर्भ में लेख है कि मैसर्स :-

M/S - NEEMRANA ESTATE PVT. LTD. GROUP HOUSING PROJECT - KHASRA -
NO - 967-968, VILLAGE - CHOBARA, SHAHJAHANPUR, (NEEMRANA) ALWAR

का मौका निरीक्षण दिनांक 23-11-2013 को किया गया बिल्डिंग केनक्शे में दर्शाए गये सुरक्षा उपकरणों व सेफ्टी सिस्टमों के मुताबिक नवीनतम माप दण्डों के अनुसार सुरक्षा प्रावधानों की पालना करनी होगी ।

नेशनल बिल्डिंग कोड (एन.बी.सी.) के अनुसार फायर सुरक्षा व्यवस्था की पूर्ण पालना की जाती है तो अग्निशमन विभाग को कोई आपत्ति नहीं होगी ।

अतः इस आधार पर अस्थाई फायर एन.ओ.सी. जारी की जाती है ।
निर्माण कार्य पूरा हो जाने पर स्थाई एन.ओ.सी. लेनी होगी ।



अग्निशमन अधिकारी
नगर परिषद, अलवर (राज०)

S. No.	Particulars	Requirements as per NBC	Proposed
1	Name of the Building	Proposed Group Housing	
2	Address of the building	Chobara, Sahajahanpur, Rajasthan.	
3	Name and address of builder/Promoter	NEEMRANA ESTATES PVT.LTD. 2/275, VIDYADHAR NAGAR JAIPUR.	
4	Name and address of owner Occupies of individual flats	MR. MANOJ KUMAR YADAV, 2/275, VIDYADHAR NAGAR JAIPUR.	
5	Plot Area	13200 Sqm	
6	Covered Area (at ground level)	4507.55 Sqm	
7	Height of the building	Below 35m	
	a. Over all height (from grade level)	29.80m	
	b. Height upto the highest occupied floor	32.25m	
8	Number of basements (Please Indicate level below grade in each case)	No Basement	
9	Number of floors (Including ground floor)	A,B & C Block = Stilt + 9 Floor	
		D Block = Ground + 9 Floor	
10	Area of basement	NA	
11	Covered Area of Typical Floor (Total)	A Block , Ground Floor - 26.493, Typical Floor - 896.916 Sqm	
		B Block , Ground Floor - 8.584, Typical Floor - 410.461 Sqm	
		C Block , Ground Floor - 27.188, Typical Floor -736.249 Sqm	
		D Block , Ground Floor - 954.775, 1st Floor - 734.838 & Typical Floor -575.810 Sqm	
12	If basement extends beyond the building line please indicate the load bearing strength of the roof or basement.	NA	
13	Occupancy (Use) (please mention separately for basement and floors	Residential	
a)	Sanctioned floors		
	i) Upper Floors	NA	
	ii) Ground Floor	NA	
b)	Actual floors	A,B & C Block = Stilt + 9 Floor	
		D Block = Ground + 9 Floor	
14	Parking areas		
15	Details of surrounding property / features		
	Compass	Type of Property - Medical College and Hospital + Residential Complex	Height in case of Building - 30 Mtrs
	North	AGRICULTURAL LAND	
	South	PWD ROAD	
	East	AGRICULTURAL LAND	
	West	AGRICULTURAL LAND	
16	Please give details of water supply available exclusively for fire fighting.	Overhead	Proposed
		Overhead	25000 Ltrs Over head tank in each block
17	Has wet riser(s) been provided?	Not Required	Not Proposed
	If so please indicate the number of risers and Internal dia of each.		
18	Has any dry risers been provided? If so, please give details.	Not Required	Not Proposed

For **Chilpkar Architects**
 Ar. Shailendra Singh Sengar
 B.Arch. M.C.A. F.I.V. A.I.I.D.
 Regd. Architect
 COA No. 2008/43676

S. No.	Particulars	Requirements as per NBC	Proposed
	Has Fire Hose Reel been provided	Not Required	Not Proposed
	if Yes, give details		
19	Has any down corner been provided?	Required	Proposed in every Block
	If so please give details.		
20	Please Indicate the present arrangement for replenishment.	Bore well	Borewell
21	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.	Not mentioned	In addition to present OHS Raw water Tank 130 KL Domestic Water tank 130 KL
22	Please give any other information that you can regard availability of water supply for fire fighting.	Not mentioned	NA
23	Have Internal hydrants been provided?	Required	Yes Proposed
	If so, please indicate.		
	a) No. of hydrants on each floor; have these hydrants single or twin outlets.	<u>FLOOR</u> single outlet landing valve	NO OF HYDRANTS (WITH SINGLE OUTLET). <u>Block A - 1 No in each floor,</u> Stilt Floor - 1no. 1 st to 9 th typical floor-1x9=9 nos Terrace Floor - 1nos Total - 11 nos <u>Block B - 1 No in each floor,</u> Stilt Floor - 1no. 1 st to 9 th typical floor-1x9=9 nos Terrace Floor - 1nos Total - 11 nos <u>Block C - 1 No in each floor,</u> Stilt Floor - 1no. 1 st to 9 th typical floor-1x9=9 nos Terrace Floor - 1nos Total - 11 nos <u>Block D - 1 No in each floor,</u> Ground Floor - 1no. 1 st to 9 th typical floor-1x9=9 nos Terrace Floor - 1nos Total - 11 nos G.TOTAL- 44 Nos
24	Have first aid hose reels been provided?	Required	Yes Proposed
	if so, please indicate.		
	a) No. of hose reels on each floor including basement(s).	One number near each Hydrant	44 Nos
	b) Bore and length of hose reels tubing on each reel drum.	20mm X 30 mtr Long	20mm dia x 36.5 m length
	c) Size (bore) and type of nozzle fitted to each hose reel.	5mm shut off Type	Gun metal shut off nozzle having 5 mm dia orifice.

S. No.	Particulars	Requirements as per NBC	Proposed
	d) Is the hose reel connected directly to the riser or to the hydrant outlet?	Directly to wet riser.	Proposed
25	Has fire hose been provided near each hydrant? if so, please indicate.	Required	Yes Proposed
	a) The type of hoses	RRL	RRL IS : 636 Type "A"
	b) The size (bore) of hoses	63 mm dia	63 mm dia
	c) The length of each hose	15 mtr long	15 mtr long
	d) Total no. of hoses provided near each hydrant.	2 nos.	2 nos.
26	Have branch pipes been provided? If so, please indicate.	Required	Yes, as per code
	a) The type of branch pipes	Short Branch Pipe	Gun Metal Standard Short Size
	b) Size of nozzle fitted to each branch.	16mm dia	20mm nominal bore
27	a) If the basement used for the car parking or storage has it been sprinkled?	NA	
	b) Whether segregation/ compartmentation of the basement has been provided. If so, please give detail	NA	
28	Is the building equipped with automatic fire detection and alarm system (AFA)? If so, please indicate.	Not Required	Not Proposed
	a) The type of detectors used	Not Required	Not Proposed
	b) The standard to which it conforms.	Not Required	Not Proposed
	c) The code to which the installation conforms.	Not Required	Not Proposed
29	Have manual call boxes been installed in building for raising an alarm in the event of an outbreak of fire? If so, please give details.	Required To be located within 22.5m of travel distance.	Proposed Near each staircase within 22.5m. Travel distance
30	Have public address system been installed in the bldg. With loudspeakers on each floor?	Required.	Proposed
31	Has fire control room been provided between the various floors and the fire control room in the entrance door?	Not Required	Not proposed
32	How many staircases have been provided in the building? Please indicate in each case.	Required as per travel distance	Block A - 1nos Block B - 1nos Block C - 2nos Block D - 2 Nos
	a) The width of the stairway	1500	1500 mm
	b) The width of treads	300	300 mm
	c) The height of riser	150	150 mm

For

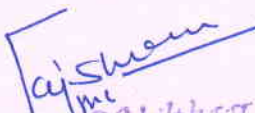


Turning Ideas into Reality

Shilpkar Architects

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S. No.	Particulars	Requirements as per NBC	Proposed
33	What is the average occupant load per floor?	1person@12.5 sqm	1p/12.5 sqm
34	How many lifts have been installed in the building? Please indicate in each case.	Not mentioned	Block A - 6 Nos Block B - 2 nos Block C - 6 nos Block D - 4 Nos
	a) The floor between which lift runs.	Not mentioned	From Ground Floor to Terrace floor
	b) The type of doors fitted to the lift car and each landing	Not mentioned	Stainless Steel
	c) Fire resistance rating of lift car landing doors if known.	2 Hrs	2 Hrs
	d) Floor area of the lift car.	Not mentioned	3.8 sqm
	e) Loading capacity of the lift car.	Not mentioned	1360 Kg
	f) Has communication system installed in the lift car.	Required	Proposed
	g) Has a "Firemen's" switch been Installed in the lift for grounding it the event of a fire?	Required	Proposed
35	Have any stationary fire pumps been Installed for pressurizing the wet riser? If so, please indicate.	Terrace Pump Required	Proposed


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 into Reality

S. No.	Particulars	Requirements as per NBC	Proposed
	a) The number of pumps.	1nos. Electrical Driven Terrace Fire Pump.	Proposed 1 Nos in each block
	b) The size of suction and delivery connections of each pump.	As per pump manufacture	Followings of Terrace fire pump.
	i) Suction (mm)		100 mm
	ii) Delivery (mm)		100 mm
	c) The output of each pump.	(i) 900 LPM for above 15 M. building hight, Terrace Pump	Yes Provided (i) 900 LPM
	d) The maximum head against which the pump can operate at the output mentioned at.	3.5 kg/cm ²	35 mtr. to obtain 3.5 kg/cm sq at remote hydrant point.
	e) Is the pump automatic in action?	required	Yes. Automatic start manual close
36	Has a standby source of power been provided? If it is through a generator, please indicate.		We will installed D.G. Set for 100 % Power Back up
	a) The capacity (output)	Required	2 No. 750KVA+1No.200KVA
	b) The functions that can be maintained simultaneously by the use of generator, such as operating lifts fire pumps,. emergency lighting etc.	Required to run emergency lights, ventilation system, booster pump, fire alarm system, fire lifts etc.	Emergency Lighting / Signages & Ventilation Blowers, Booster Pump, Fire Fire pump, Fire Lifts etc.
	c) is the generator automatic in action or has to be started manually?	Automatic	Automatic
37	Has any yard hydrant been provided from the buildings fire pump?	Not Required	Not Proposed
38	Where more than one lifts are Installed in the common enclosure have individual lifts been separated by fire rating?	Required	Proposed
39	Has the lift shafts), lift lobby or stairwell been pressurized?	NA	Not Required Exposed wall
40	Have the lift lobbies and staircases been effectively enclosed to prevent fire / smoke entering them from outside at any floor?	NA	Not Required Exposed wall
41	Has all exits and direction of each exit been sign posted with illuminated signs?	Required	Proposed
42	Is the building centrally air- conditioned?	As per building design	No
	if so please indicate .		
	a) The material used for construction of ducts and its fittings.	As per building design	NA
	b) The type of Lining used for ducts if any.	As per building design	NA
	c) Type of legging used , if any for insulating any portion of ducts please also indicate how the legging is secured.	As per building design	NA
	d) If false ceiling is provided please give information as at 43 above.	As per building design	NA
	e) If plenum is used as return air passage, has it been protected with fire detectors? please give details.	As per building design	NA
	f) Has a separate AHU been provided for each floor?	As per building design	NA
43	Is the ducting for each floor effectively isolated or is it continuous or more than one floors ?	As per building design	NA

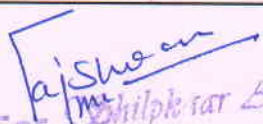
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For

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S. No.	Particulars	Requirements as per NBC	Proposed
44	Where are the switch gear and transformers located? If inside the building, please indicate.	As per building design	Outside building – On ground floor
	a) If the switch gear and transformer(s) have been housed in separate complainants effectively separated from each other and from portion of the buildings by a four hours fire resistive wall?	As per building design	Out side the building
	b) What precautions have been taken to prevent a possible fire in transformer(s) from spreading?	As per building design	Fire buckets has been provided in Traformer Yard.
45	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 resistive materials?	required	Proposed
46	Is the building sprinklered?	Not Required	Not proposed
47	Please indicate the numbers and type of fire extinguishers provided at the various locations, and the arrangement for the maintenance of the extinguishers.	Required as per IS	Water (CO ₂) – 9 liter CO ₂ Type – 4.5 Kg ABC Type – 5 Kg.


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