



# हरियाणा सरकार

Date:- 22/4/2024

Memo No. FSK/2024/363

Sub:- Approval of Fire Fighting Scheme from the fire safety point of view of the Group-B Educational Building meas. 10699 Sq. Mtrs. Situated at Village Kunjpura, Distt. Karnal of M/S PM Shri Govt. Sr. Sec. School.

M/S PM Shri Govt. Sr. Sec. School submitted the subject cited case for Approval of Fire Fighting Scheme from fire safety point of view of the Group-B Educational Building meas. 10699 Sq. Mtrs. Situated at Village Kunjpura, Distt. Karnal through transaction ID 110602423000091 Dated 18/03/2024. The office has examined the Fire Fighting Scheme in the drawing of above said building found that the building is an Educational Building Group-B. Fire fighting scheme shown in the Building Plans are found as per provision of Part-IV of National Building Code of India. 1983 revised from time to time and Haryana Fire & Emergency Services Act, 2022. The fire system designed Educational Building as per Part- IV of NBC 2016, is as under:-

Building Detail :-		:- PM Shri Govt. Sr. Sec. School.	
1. Name of Building		:- Village Kunjpura, Distt. Karnal.	
2. Address of building		:- 10699 Sq. Mtrs.	
3. Plot Area		:- Group-B Educational Building	
4. Type of Occupancy		:- 30 Mtrs.	
5. Permissible Height		:- Nil	
6. Basement Detail-			

Tower No. / Name	Basement Level	Basement Area	Remarks
Nil	Nil	Nil	---

  

Tower/Block Detail:-					Stair Case		
Tower No. / Name	Floor Area (Ground Coverage)	No. of Floor	Overall Height	Occupied Height	Min As per NBC	As per Travel Distance	Provide
PM Shri Govt. Sr. Sec. School	2150 Sq. Mtrs.	Ground Floor	4 M	4-M			

### Fire Fighting System Detail-

Sr. No.	Norms as per NBC, 2016	Required	Proposed provisions
1.	Fire Extinguishers	Required	Proposed
2.	Hose Reel	Required	Proposed
3.	Dry Riser	N/R (Not Required)	N/A (Not Applicable)
4.	Wet Riser	N/R	N/A
5.	Down Comer	N/R	N/A
6.	Yard Hydrant	N/R	N/A
7.	Automatic Sprinkler system	N/R	N/A
8.	M.C.P.	N/R	N/A
9.	Automatic Detection & Alarm System	N/R	N/A
10.	U.G. Water Tank	N/R	N/A
11.	Terrace Tank	Required 10+10+10+10 KL	Proposed 10 KL Admin Block & 3 Classroom Block
12.	Pump near UG, Tank	N/R	N/A
13.	Terrace Pump	Required 450+450+450+450 LPM	Proposed 450 LPM Admin Block & 3 Classroom Block
14.	Domestic Tank would be connected with overflow of Fire Tank.	Required	Proposed
15.	Smoke Exhaust System & Fresh Air System in Basement	N/R	Natural
16.	Means of Escape	Required	Proposed
17.	Pressurization of Lift well	N/R	N/A
18.	Pressurization of Staircase/Louvers	N/R	N/A
19.	Compartmentation	N/R	N/A
20.	Exit Signage	Required	Proposed

From the above, it is certified that the fire fighting scheme is as per Part-IV of NBC 1983 revised from time to time. Therefore, it is recommended that Fire Fighting Scheme may be approved subject to following conditions:-

1. The proposed Fire Fighting Scheme is approved as submitted in the building plan subject to the approval of building plan by the competent authority.

Government of Haryana

"नेमी बनाओ-नेमी पाओ"

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Directorate of Fire Services, Haryana  
Bays No. 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000