

MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE

Office of the Dy. Chief Fire Officer - (R-II), Wadala Fire Station, Shaikh Mistry
Dargha Road, C.G.S. Colony, Opposite MHADA Colony, Antop Hill, Wadala
(East) Mumbai 400037. Telephone No. 24132058, Fax No. 24153027

INSPECTION REPORT

No. :- FR/181/Gen/181

Date :- 11/06/2021

Ref. :- i) Letter from Principal Kendriya Vidhyalaya Koliwada C.G.S.Colony
Antop Hill Mumbai 400037.

ii) R-II/GEN/181 dated 24/05/2021

1	Name & Address of the premises	Kendriya Vidhyalaya Koliwada C.G.S.Colony Antop Hill Mumbai 400037.
2	Date of Inspection	02/06/2021 at about 12.30 hrs.
3	Width of the Road	20 mtrs. at south side C.G.S. Colony Internal Road
4	Building structure	1.This is low rise building having ground plus upper Four floored R.C.C. Structure used for primary and secondary school 2. Ground floored A.C. sheet roofed structure used for pre primary school
5	Particulars of the Building	Low rise school building (Educational building) having ground plus upper four floored R.C.C. Structure ,where ground floor is used for Office ,class rooms and laboratory purpose
	a) Type of construction	R.C.C type
	b) Number of floors	Ground + upper four floors
	c) No. of exit /entrance	Four nos.(02 nos., entrance and 02 nos. exit)
	d) Means of entrance and exits	02 nos. entrance
	e) Number of staircases weather enclosed or closed	02 nos. open type staircase.
	f) Details of ceiling	R.C.C./Cement concrete
	g) Varandha /Balconies	Provided

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	h) False ceiling provided it any	No
	i) Central A.C. system	NA
	j) whether basement provided, if so, for what purpose	No
	k) Whether the prescribed distance in respect to means of escape is mentioned or not	NA
6	Open spaces around the premises	Provided
7	Whether separate car parking space provided	Yes
8	Nature of the building/premises. a) General Construction Features and type of construction	<u>Low fire risk</u> This is low rise school building having ground plus upper four floors and ground floored brick walled A.C sheet roofed structure R.C.C. Type and M.S angle frame structure.
9	Signage's	Not provided
10	Maximum Nos. of occupant /employee /visitors.	Nos.150 nos. approximate only staff and teachers
11	In case of lifts :- Whether lift lobbies are ventilated	Not provided NA
12	Means of emergency lighting	NA
13	Location of electric meter room	On ground floor,
14	<u>FIRE FIGHTING ARRANGEMENT</u>	
	a) underground fire fighting water storage tank with capacity	Yes Provided having 1,00,000 liters. Capacity approximate
	b) overhead water storage tank with capacity	Provided 16 nos.PVC Syntax tank having capacity 10,00 thousand liters' each
	c) wet riser cum down comer	Not provided
	d) fire pump / jockey pump/sprinkler	Not provided
	e) automatic detection system	Not provided

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	and fire alarm system	
	f) sprinkler system	Not provided
	g) first aid fire fighting equipment	Only ABC type fire extinguishers 05 nos. having capacity 4.0 kg provided on the entire premises.
	<u>Recommendation :-i)</u>	<p>i. Dry chemical powder type fire extinguishers of 06 kg capacity each with IS specification shall be kept on the entire premises for every 100 Sq. mtr. Area on the entire school premises i.e. on ground , first, second third and fourth floor</p> <p>ii One CO2 type fire extinguisher having capacity 4.5 liters along with two buckets filled with dry clean sand shall be kept near electric meter cabin.</p>
15	<u>Recommendations ii)</u>	<p>Since this is an existing old school building , at this stage it is not possible to recommend passive and active fire safety requirements as per the norms i.e. National building code as well as per the Maharashtra Fire Prevention Life Safety Measures Act-2006 hence only feasible fire safety requirements like</p> <p><u>1.Fire Detection System</u> , The entire school premises shall be provided with automatic Smoke & heat detection system, smoke and heat detection system shall be accordance with I.S. Specification</p> <p><u>2 Manual fire alarm system:-</u> Manual fire alarm system_ along with main control panel at ground floor level near entrance shall be provided with provision of pill boxes and hooters at each and every upper floors. The layout of the fire alarm system shall be accordance with I.S Specification.</p> <p><u>3 Public address system</u> :- public address system shall be provided on the school premises for any emergency announcement in case of any emergency situation.</p> <p><u>4 Sinage's</u> :- Luminous FIRE EXIT,WAY TO EXIT ,Entrance, way to staircase sign shall be provided at suitable locations showing the direction of each exits</p>

on the school premises.

5. The common corridor / passage at each floor level shall be kept free from any storage and obstructions at all times

6 Electric Audit of the school premises shall be carried out at every year.

7. Entrance, exit and staircase shall be kept free from any obstruction at all time

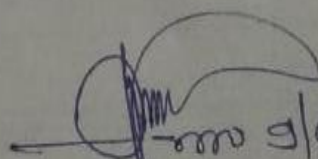
8. Good house keeping shall be maintain on the premises and kept well ventilated

9. Storage of any kind of scrap material / other combustible materials shall be strictly prohibited on the premises.

10. **Form B certificate** of the fix fire fighting installation system, extinguishers shall be submit towards C.F.O department in month of the January and July at every year without fail.

11. **Evacuation drills** shall be planned and practiced in consultation / co -operation with the building management on the school premises.

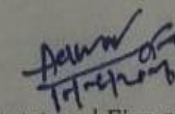
Submitted for your information please


Sr.S.O.V.N.Sangale
Inspecting Officer

Copy to :-

M/s Kendriya Vidhyalaya Koliwada

For information please.


Divisional Fire officer
Mumbai Fire Brigade