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Military Engineer Services  
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Bhusawal- 425 203


200/DI/37/E2

11 Jul 2023

Kendriya Vidyalaya  
O F Bhusawal  
Dist- Jalgaon  
Pin - 425203

**VISUAL INSPECTION OF KV BUILDING FOR STRUCTURAL SAFETY**

1. Reference your letter No 2747/345/अ.वि.सं.नि.सं. /2023-24/16 dated 03 Jul 2023.
2. It is certified that, the existing school bldg of Kendriya Vidyalaya ordance factory Bhusawal comprised of ground & first floor (G+01) occupied by Kendriya Vidyalaya Bhusawal was visually inspected by the undersigned alongwith JE's of this office in the presence of principal KV Bhusawal & their team. After visual inspection of the bldg, it seems to be fit for occupancy. The following rectifications are recommended for future to increase the life of building.
  1. Do the proper patch repairs (Crack filling & Grouting) with specialized grouting material (CRACK PACK AR Highly flexible polymer Based Single Component Crack Repair Paste of Aero Conchem) to the minor to major crack walls (separation cracks) and dampness with damaged plaster areas of both floor walls (internal & external) of building.
  2. Provide proper structural strengthening to the damaged external RCC Columns of ground structural with proper structural repairs treatment OR provide jacketing to the columns.
  3. Repair all the damaged external façade i.e. RCC pardi (elevational treatment) chhajjas, ledge projections, and weather sheds of the structure by anticorrosive treatment (SAFECOTE RB of Aero Conchem) & crack filler (CRACK PACK AR Highly Flexible polymer Based Single Component Crack Repair paste of Aero Conchem OR Krishna Conchem) specialized finisher & plaster.
  4. Repair the damaged expansion joint of the building (at very few locations) with proper treatment of strengthening.
  5. Providing protective coating to building i.e. coloring work (Epoxy Based weather proof-based color like Apex Ultima, Berger weather coat all ground)
  6. Repair the damage area of water-proofing at terrace whether minor leakages observed from roof slab of ground structures. (As mentioned I above figures)
  7. Provide proper plinth protection to the building to avoid damages to wall and floor.

  
(Kundan B Jadhav)  
AE (Civ)  
AGE B/R Bhusawal

**Encls** : Nil

**Copy to:-**

GE (S) Ahmednagar - for info please.