

CONDITION ASSESSMENT AND STRUCTURAL STABILITY REPORT OF  
KV SCHOOL (IOC HALDIA) BOUNDARY WALL AND BUILDING

AT  
FOR



INDIAN OIL CORPORATION LIMITED, HALDIA REFINERY



PREPARED BY: -



CORTEX CONSTRUCTION SOLUTIONS PVT.LTD.

B-248, BASEMENT, C R PARK

NEW DELHI-110019

# CORTEX CONSTRUCTION SOLUTIONS PVT. LTD.

## Structural Audit Through Diagnosis

DATED: -8 MAY 2020


### STRUCTURAL STABILITY/OPERATION FITNESS CERTIFICATE

#### To Whom So Ever It May Concern

We, Cortex Construction Solutions Pvt Ltd; hereby declare that the structural health assessment of **Kendriya Vidyalaya** consists of 2 buildings **Administration Building**, which is single storey composite structure and **Academic Building**, which is (G+1) storied RCC framed structure at **IOCL Haldia Township, Purba, Midnapore, Haldia, West Bengal 721607** have been evaluated by us, and present form of existing structure will be fit for its operation/uses and its serviceability for existing dead load, live load and horizontal forces after the executing suggested non-structural repair (patch repair, seepage, deteriorating of plaster, joint sealing) techniques.

The team of M/s Cortex Construction Solutions Pvt. Ltd. had conducted detailed physical & Non-Destructive inspection and found that minor non-structural repair and distresses in non-load carrying members (likes fins, chhajja) should be treated following the recommendation given in the audit report. At present, there is no demand of structural strengthening in existing buildings.

Validity of above-mentioned certificate is limited for five years only from the date of issuing. After every five-year structure should be audited by any structural audit company to certify the condition of structures. Validity of this certificate is also conditional and certificate will become invalid if structure is imposed with additional load prior the approval of structural auditor. Routine maintenance should be done and structural distress shouldn't be ignored if any such distress appears during the coming five-year service life due to any external impact load also.

Signature of the Engineer (assessment) .....  .....



Name of the Engineer (assessment) ..... **MANISH BHARTI** .....

Note: - Validity of this certificate depends upon the completion of suggested repairing work.

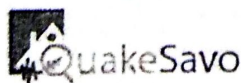
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