



Yaduvanshi & Associates

Mobile:- 9910744590, E-Mail:- archjdhr@ gmail.com

STRUCTURAL STABILITY CERTIFICATE

This is to certify that we have visited, inspected, tested & analyzed the **MAHARAJA AGARSAIN SCHOOL, situated at Bhorgarh, Bawana Narela Road ,Narela Delhi.**

The structure is in good condition. We have analyzed the structure as per the latest codes for seismic safety (is-1893) for zone-4 and relevant codes as per NBC (**National Building Code**) of India updated to the latest version. **It is our view that this structure is safe for occupation.**

JYOTI

(Structure Engineer)

MCD Approved. License No.-**SE-0327**

JYOTI
YADUVANSHI & ASSOCIATES
MCD LICENSE NO.: SE/0327
B.TECH (CIVIL)
T-50/2 M.E.S Qutrs, O.D Shakur Basti



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Mobile:- 9910744590, E-Mail:- archjdhrra@gmail.com

CERTIFICATES OF STRUCTURAL SAFETY

Following certificate is submitted after site visit and proper investigation for The **MAHARAJA AGARSAIN PUBLIC SCHOOL, situated at Bhorgarh, Bawana Narela Road, Narela Delhi**. The school was constructed and maintained in span of 30 years at different intervals.

Details of building blocks are:-

Certified that this structural stability certificate has been issued after taking into consideration.

- The National Building Code of India including the structural design of foundation, masonry, Timber, plain concrete, reinforced concrete, prestressed concrete and structural Steel shall be carried out in accordance with part-vi structural design section-1 loads section-2 Foundation section 3 wood Section-4 masonry section-5 concrete and section-6 Steel of National Building Code.
 - All relevant standards prescribed by Bureau of Indian Standards including the standard given in IFSC code 13920- 1993, 4326- 1993, 13828-1993, 13827- 1993, 13935-1993, 456 : 2000, 800-1984, 801- 1975, 875 (part-2):1987, 875 (part-3):1987, 875 (part-4):1987, 883: 1966, 1904:1987, 1905: 1987, 2911(Part-1):section-1:1979, 1893: 2002 for general structural safety cyclone/ wind protection, Earthquake protection.
- i) Certified that the above mentioned building (include in solar panels) as exist as on date fulfill all the structural safety and safety requirements.

SIGNED BY:

Signature of Structure Engg

Name of Structure Engineer: **JYOTI SINGH**

Address: T50/2, MES Qtrs. Ordinance depot,

Shakur Basti, New Delhi.

Date _____

COUNTER SIGNED BY:

Signature of owner(s)

Name of Owner(s): **Maharaja Agarsain Education**

Society

Address: **Bawana Road Narela Delhi**

Date: _____

In addition to the certifications given in Sl. No. (i) and (ii) above, it is also certified that:

- The above mentioned building (as exists as on date), in whole or in any part, does not have any misuse of any kind as permitted, or subsequent permitted change in use by the competent authority as per law.
- Any tangible item on the rooftop of the above mentioned building (as exists as on date), such as water tank, solar panel are in accordance with the necessary permission / clearances such as , fire clearance, pollution clearance, etc.

SIGNED BY:

Signature of owner(s)

Name of owner(s): **Maharaja Agarsain Education Society**

Address of owner(s)

13awana Road Narela Delhi -40

* Please note that, the above certification is based on details investigation mentioned in report.



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To whom so ever it may concern

We are appointed as a structure consultant by the **MAHARAJA AGARSAIN PUBLIC SCHOOL, situated at Bhorgarh, Bawana Narela Road, Narela Delhi.** to conduct the structural audit report of the building in reference to MCD letter number no.(Bldg.) NEZ/2020.

Our team visited the premises from 03rd October 2021 to 16th October 2021 to analyse the safety of the structure and to check the structure for existing load for example dead load and live load as per IS codes.

Being conducted non destructive test for example rebound hammer test and prepare detailed report attached as per CPWD manual repair and rehabilitation.

Detail observation analysis is documented in report which has following sections.

- | | |
|----------------|-------------------------|
| • Annexure-A | Rebound hammer analysis |
| • Attachment-1 | Rebound hammer readings |
| • Annexure B | Soil moisture analysis |
| • Attachment-2 | Soil moisture readings |

On the basis of testing and inspection it has been found that the structure is safe and sound and meets the criteria for earthquake resistance building.

Thanking you,

For Yaduvanshi & Associates


Jyoti Singh

Mob: 9910744590

**JYOTI
YADUVANSHI & ASSOCIATES**
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T-50/2 M.E.S Qutrs. O.D Shakur Basti

Enclosures:

- Copy of structure certificate.
- Inspection Report

Address:-T50/2, MES qtrs. Ordinance depot, Shakur Basti, New Delhi(110056).