

J. S. ARCHITECTS (P) LTD.
CONSULTANTS, ARCHITECTS & ENGINEERS

Regd. Office : 9, Netaji Subhash Marg, Darya Ganj,
New Delhi - 110002 (India)
Phone : 9899032836

Delhi Office :
E-290, Greater Kailash, Part II,
New Delhi - 110048
Phone: 011-29213256, 29212078

Branch Office:
A-3, First Floor, Gan
Muni-Ki-Reti, Rishik
Ph.: 0135-2430628,

Certificate for Structural Stability

To,
The Authorised officer
U.P.S.I Development Area office
Tronica city District Lone Ghaziabad U.P
Uttar Pradesh State Industrial Development Authority
Uttar Pradesh

Sir,

I hereby certify that the structural design of Salwan Public School building on plot no. C-7 in Sector Tronica City Loni Ghaziabad U.P State Industrial Development Area Shall be done by us and carried out in accordance with part/IV structural design of national building code of India corrected upto date.

Date:7-11-09



For J.S Architects (P) Ltd.

P D Sharma

Director/Engineer

DIRECTOR : P. D. SHARMA, C.E. M.C.A. F.I.V.
SATISH SHARMA, B. ARCH. A.I.I.A. M.C.A.

DEEPIKA SHARMA, B. ARCH. (HON.) A.I.I.A. M.C
YOGESH SHARMA, B. ARCH. A.I.I.A. M.C.A.

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Ph.: 0135-2430628, 2435825

Structral Safety and Natural hazard Protection of Salwan Public School building C-7 Tronica City, Loni Ghaziabad U.P

Requirements specified in the following Bureau Indian Standards, codes and guidelines and other documents needs to be observed for.

a) For General Structural Safety

- 1). IS: 1905-1987 " Code of practice for structural safety of buildings, masonry walls" Bureau of Indian standards, March 1981.
- 2). IS: 1904-1978 "Code of practice for structural safety of buildings foundation" Bureau of Indian Standards.
- 3). IS: 456-2000 "code of practice for plain and Reinforced concrete" bureau of Indian standards, February 1985
- 4). IS: 800-1984"Code of practice for general construction in steel" Bureau of Indian standards. September 2000.
- 5). IS: 883-1966"Code of practice for design of structural timbers in buildings" Bureau of Indian Standards, March 1967
Besides any other relevant Indian Standards will need to be referred to.

b) FOR EARTHQUAKE PROTECTION

- 1). IS: 1893-1984"Criteria for earthquake resistant design of structures(Fourth revision)" June 1986.
- 2). IS: 13920-1993"Ductile detailing of reinforced concrete structures subjected to seismic forces code of practice" November 1993.
- 3). IS: 4326-1993"earthquake resistant design and construction of building code of practice (Second revision)"October 1993
- 4). IS: 13828-1993"Improving Earthquake Resistance of low strength Masonry Building Guidelines" August 1993.

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5).IS: 13827 :1993 improving earthquake resistance on building guidelines"October 1993.

6).IS: 13935-1993" Reapair and seismic strengthening (if building Guidelines" November 1993.

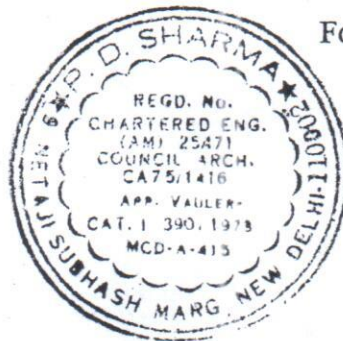
7)"Improving earthquake resistance of building-Guidelines" by expert group,Bureau of Indian standards government of India,Ministry of urban Affairs and employment.

8)The National Building code of India 1983.

For Location of the Building in hazard prone area of earthquake,cyclone or wind stroms and floods, refence may be made to the following.

"Vuinerability Atlas of India "by expert group. Government of India. Ministry of Urban Affairs and employment.

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