

Spare

APPENDIX-8(A)

(See Regulation Number 26.2)

Kindly (✓) tick the relevant codes that have been followed.

STRUCTURAL SAFETY AND NATURAL HAZARD PROTECTION OF BUILDINGS.

Requirement specified in the following Indian Standards. Codes and guidelines and other documents needs to be observed for structural safety and natural hazard protection of building etc.:-

a. **For General Structural Safety.**

1. IS: 1905 – 1987 'Code of practice for structural safety of building masonry walls Indian Standards Institution March 1981.
2. IS: 1904 – 1987 "Code of practice for structural safety of building foundation" Indian Standards Institution.
3. IS : 456-2000 "Code of practice for plain and Reinforced Concrete" Indian Standards Institution September 2000.
4. IS : 800- 1984 "Code of practice for general construction in Steel" Indian Standards Institution, February 1985.
5. IS : 883- 1966 'Code of practice for design of structural timbers in building". Indian Standards Institution. 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.
5. IS: 13827-1993 "Improving Earthquake Resistance of Earthen Building Guidelines". October 1993.
6. IS: 13935- 1993 "Repair and Seismic Strengthening of Building-Guidelines". November 1993.
7. Improving Earthquake Resistance of Building – Guidelines" by expert group. Government of India. Ministry of Urban Affairs and Employment published by Building Materials and Technology Promotion Council 1998.
8. The National Building Code of India 1983.
For location of the building in hazard prone area of earthquakes cyclone or wind storms and floods reference may be made to the following.
9. "Vulnerability Atlas of India by expert group Government of India. Ministry of Urban Affairs and Employment published by Building materials and Technology Promotion Council 1997.

NOTE :

1. As and when anyone of the above referred standards and documents is revised, the design and construction of Buildings thereafter must satisfy the latest version for approval of building plans by the Authority.

The above information is factually correct.
Signature of owner with date

Signature of the Engineer who will supervise the construction (with qualification and experience as mentioned in Appendix 12) Name (Block)

Name (Block) LOKESH KUMAR TYAGI

Address: 68/12A, 11ND, FLOOR, KIRTI NAGAR, NEW-DELHI-110015

Legible Seal: (with address)

Signature of the Technical Person who will supervise the construction

Name (Block)

Registration number.

Legible Seal with address

COL ANIL TERI (RETD.) FIE
F10996-1
ME (CIVIL)
H.No.-996, Sec-29, Noida
G.B. Nagar, U.P.-201301

LOKESH KUMAR TYAGI
M.Tech (Structures)
A-51701/77
10/14, Subhash Nagar
New Delhi-110027

RD

For JC World Hospitality Pvt. Ltd.

Auth. Sign./Director

Appendix -8 (B)
(See regulation Number 25.2)
4.1 BUILDING INFORMATION SCHEDULE

1. Building Address	Plot number	Sector	Town: Noida
2. Building function & Locations			
2.1 Use	Institutional	Commercial	Industrial *
2.2 Importance	Ordinary	Important	Hazardous *
2.3 Seismic Zone (Design Intensity Used			
	V(IX)	IV(VIII)	III(VII) II(VI) IS:1893
3. Design *EQ Factor	$\alpha_0 = \dots$	$I = \dots$	$\beta = \dots$ $\alpha_h = \dots$ IS:1893
4. Foundation			
4.1 Soil type at site (Note 2)	Rock/stiff	Medium # Soft	Liquefiable Capacity.)
Expensive(Bearing	IS:1904		
4.2 Type of Foundation	Strip	Indiv.Col.	Fottings/Raft Bearing Piles Friction Piles IS:1893
5. Load Bearing Wall Buildings			
5.1 Building Category	A($\alpha_h < .05$)	B($\alpha_h = .05$ to $.06$)	C($\alpha_h .06$ to $<.08$) D($\alpha_h .08$ to $\alpha < .12$) E($\alpha_h > .12$) IS:4326
5.2 Bearing Walls	Brick	Stone	Solid Block Hollow Block Adobe
5.3 Mortar (Note 4)	C : S=1:.....	C:L:S=1	L:S=1: ... Clay Mud *
5.4 Floors	Reinforce concrete slabs	Stone slabs on joists	Prefab flooring elements *
5.5 Roof structure	Flat like floors/pitched	Trussed/Raftered/A Frame/Slopping	
R.C. Slab			
5.6 Roof covering	CGI Sheetting	*AC Sheetting	Clay tiles/Slate Woodshingle *
5.7 Opening in walls	Control used on sizes?	Control used on location?	Strengthening around? IS:4326
Yes/No/NA	Yes/No/NA	Yes/No/NA	IS:13828
5.8 Bands Provided	Plinth Band	Lintel Band	Roof/Eave Band Gable Band Ridge Band
	Yes/No/NA	Yes/No/NA	Yes/No/NA Yes/No/NA
5.9 Vertical Bars	At corners of rooms	At jambs of openings	-
	Yes/No/NA	Yes/No/NA	
5.10 Stiffening of Prefab R.C. screed & Band Peripheral band and Diagonal planks and Floors/Roofs connectors alround band IS:4326			
6. Steel/R.C. frame buildings			
6.1 Building shape	Both axes near symmetrical	One axis near symmetrical/Unsymmetrical (torsion considered)	

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LOKESH KUMAR TYAGI
M.Engg (Structures)
A-117051/7
10/14, Subhash Nagar
New Delhi-110027

6.2 Infills/partitions		Out of plane stability check? Yes/No		In Plane stiffness considered? Yes/No	
IS:1893,IS:4326		IS:1893,IS:4326	IS:1893,IS:4326	IS:1893,IS:4326	IS:1893,IS:4326
6.3 Ductile Detailing of R.C. Frames		Beams?	Columns?	Beam/column Joint?	Sheer Walls?
IS:13920		IS:13920	IS:13920	IS:13920	IS:13920
		Yes/No	Yes/No	Yes/No	Yes/No
6.4 Ductile Detailing of SP6(6) Steel Frames		Beams?	Columns?	Beam/column Joint?	
		Yes/No	Yes/No	Yes/No	

Notes

- Encircle the applicable Data point or insert information.
- Stiff.N>30:Medium.N=10.3:Soft,N<10:Liquefiable,poorly graded sands with N<15 under Water Table (see Note 5 of Table 1 in IS:1893)
Where N: Standard Penetration (1:2131 - 1981)
- * Means any other. Specify.
C = Cement, S=Sand, L= Lime
The above information is factually correct.
Signature of owner with date

LOKESH KUMAR TYAGI
M.Tech (Structures)

10/14, Subhash Nagar

Delhi 110027

Signature of the Engineer who supervised the construction (with qualification and experience as mentioned in Appendix 12)

Name (Block) **LOKESH KUMAR TYAGI**

Address: **G.B. Nagar, 1st FLOOR, KIRTI NAGAR, D**

Legible Seal: (with address)

Name (Block) **RD**

Address:

Signature of the Technical Person who will supervised the construction

- * R.C. stands for Reinforce Concrete
- * CGI stands for Corrugated Galvanised Iron
- * B.C. stands for Bearing Capacity
- * EQ stands for Earth Quake
- * AC stands for Asbestos Corrogated

Name (Block)

Registration Number.

Legible Seal :

With address

COL ANJ TERI (RETD.) FIE
P-996-1
ME (CIVIL)
H.No.-996, Sec-29, Noida
G.B. Nagar, U.P.-201301

Appendix - 8(C)
(See regulation Number 25.2)
CERTIFICATE

(The certificate to be submitted with the application for building permission alongwith the building drawings and Building Information Schedule)

1. Certified that the building plans submitted for approval also satisfy the safety requirements as stipulated in the Indian Standard Codes, guidelines and documents specified in the Appendix 8A regarding earthquake safety awareness and the information given in the attached Building Information Schedule is factually correct to the best of my knowledge and understanding.
2. It is also certified that the structural design including safety from natural hazards including earth quake has been prepared by duly qualified civil engineer along with qualification and experience as mentioned in Appendix 12.
3. Location /Address of Building **JC WORLD MALL**
Plot number C1- K, JAYPEE GREENS WISH TOWN
Sector 128
Town: Noida 201304, UP, INDIA
4. Particulars of Building
 1. Ground Coverage (square metre)
 2. Total covered area (square metre)
 3. Total Numbers of Floors above ground.

LOKESH KUMAR TYAGI
M.Tech (Structures)
A-517011/7
10/14, Sakshinagar
New Delhi-110027

Signature of owner with date

For JC World Hospitality Pvt. Ltd.

Name (Block)

Address **Auth.. Sign./Director.**

Signature of the Engineer who will supervise the construction (with qualification and experience as mentioned in Appendix 12)

Name (Block) **LOKESH KUMAR TYAGI**

Address: **63/12A, 11ND FLOOR, KIRTI NAGAR, N.D**
Legible Seal:
(with address)

Signature of the Technical Person who will supervised the construction

Name (Block) **COL ANIL TERI (RETD.) FIE**
Registration number **F10996-1**
Legible Seal : **ME (CIVIL)**
(with address)..... **H.No.-996, Sec-29, Noida**
G.B. Nagar, U.P.-201301

NOTE :

1. As and when anyone of the above referred standards and documents is revised, the design and construction of Buildings thereafter must satisfy the latest version for approval of building plans by the Authority.

The above information is factually correct.
Signature of owner with date

Name (Block) LOKESH KONAR TYAGI

63/12A, IIND, FLOOR, KIRTI NAGAR
Address: NEW DELHI - 110015

Signature of the Technical Person who will supervise the construction

Name (Block)

Registration number.

Legible Seal with address :

Signature of the Engineer who will supervise the construction (with qualification and experience as mentioned in Appendix 12)
Name (Block)

Legible Seal:
(with address)

LOKESH KONAR TYAGI
M.Tech (Structures)
A-517011/7
10/14, Subhash Nagar
New Delhi-110027

Anil Teri
COL ANIL TERI (RETD.) FIE
F10996-1
ME (CIVIL)
H.No -996, Sec-29, Noida
G.B. Nagar, U.P.-201301

For JC World Hospitality Pvt. Ltd.

Auth. Sign./Director

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(See regulation Number 25.2)
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6. Steel/R.C. frame buildings			
6.1 Building shape (torsion considered)	Both axes near symmetrical One axis near symmetrical/Unsymmetrical		

LOKESH KUMAR TYAGI
M.D. (Structures)
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10/14, Subhash Nagar
New Delhi-110027

6.2 Infills/partitions considered? Yes/No		Out of plane stability check? Yes/No		In Plane stiffness	
IS:1893,IS:4326		Beams?	Columns?	Beam/column Joint?	Sheer Walls?
IS:13920					
R.C. Frames	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6.4 Ductile Detailing of SP6(6)		Beams?	Columns?	Beam/column Joint?	
Steel Frames	Yes/No	Yes/No	Yes/No	Yes/No	

Notes

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Where N: Standard Penetration (I:2131 - 1981)
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C = Cement, S=Sand, L= Lime
- The above information is factually correct.
Signature of owner with date

LOKESH KUMAR TYAGI
M.Tech (Structures)
A-21703177
10/14, Subhash Nagar
Delhi 110027

Signature of the Engineer who will supervised the construction (with qualification and experience as mentioned in Appendix 12)

Name (Block) **LOKESH KUMAR TYAGI**
Address: **63/2A, 11ND FLOOR, KIRTI NAGAR, N.D**

Legible Seal: (with address)

For JC World Hospitality Pvt. Ltd.

Name (Block)

Address:

Auth. Sign./Director

Signature of the Technical Person who will supervised the construction

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Name (Block)

Registration Number.

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With address

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ME (CIVIL)
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Signature of owner with date

For JC World Hospitality Pvt. Ltd.

Name (Block)

Address **Auth. Sign./Director.**

Signature of the Technical Person who will supervised the construction

Name (Block)

Registration number

Legible Seal :

(with address).....

~~LOKESH KUMAR TYAGI
M.Tech (Structures)
A-51701/7
10/14, Saket Nagar
New Delhi-110027~~

Signature of the Engineer who will supervise the construction (with qualification and experience as mentioned in Appendix 12)

Name (Block) **LOKESH KUMAR TYAGI**

Address: **63/12A, 11ND FLOOR, KIRTI NAGAR, N.D**

Legible Seal:
(with address)

**COLAWIL TERI (RETD.) FIE
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H.No.-996, Sec-29, Noida
G.B. Nagar, U.P.-201301**