DIPP RECOMM NO. 225 & 232

APPENDIX-2

(See Appendix-1 Checklist 1A, 1B, 1C and 1D)

Form for supervision of Building Work

To,

The Chief Executive Officer,
New Okhla Industrial Development Authority,
Noida, Uttar Pradesh.

Sir,

I hereby certify that the erection/re-erection and material alteration/demolition in/of building/site on Plot number .....in Sector..... Noida shall be carried out under my supervision and I certify that all the material (type and grade) and the workmanship of the work shall be generally in accordance with the general and detailed specifications submitted along with and that the work shall be carried out according to the sanctioned plan.

Signature of Technical Person.....

Name of Technical Person.....

License number of Technical Person.....

Address of the Technical Person.....

Date:

NOTE—Strike out which is not applicable.

Appendix – 8(A)

(See regulation Number 25.2)

Kindly (√) tick the relevant codes that have been followed

STRUCTURAL SAFETY AND NATURAL HAZARD PROTECTION OF BUILDINGS

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

(a) For General Structural Safety

1. IS : 1905 – 1987 "Code of practice for structural safety of buildings; masonry walls" Indian Standards Institution, March 1981.
2. IS : 1904 – 1978 "Code of practice for structural safety of buildings; 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 buildings; " 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 Buildings – Code of Practice (Second Revision)" October 1993
4. IS : 13828 – 1993 "Improving Earthquake Resistance of Low Strength Masonry Buildings - 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 Buildings – 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

Name (Block) .....

.....

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)

Signature of the Technical Person who will supervise the construction

Name (Block) .....

Registration number. .....

Legible Seal with address : .....

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	$\alpha 0$=.....	I=.....	β=	αh=.....	IS:1893
4. Foundation					
4.1 Soil type at site (Note 2)	Rock/stiff	Medium # Soft	Liquefiable		
Expensive(Bearing IS:1904					
4.2 Type of Foundation	Strip	Indiv.Col.	Fottings/Raft	Capacity.) Bearing Piles	Friction Piles
IS:1893					
5. Load Bearing Wall Buildings					
5.1 Building Category	**A(αh<.05) B(αh=.05 to .06) C(αh.06 to<.08) D(αh.08 to α <9.12) E(αh>0.12) 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 R.C. Slab	Flat like floors/pitched		Trussed/Raftered/A Frame/Slopping		
5.6 Roof covering	CGI Sheeting	*AC Sheeting	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**		
5.8 Bands Provided	**Plinth Band**	**Lintel Band**	**Roof/Eave Band**	**Gable Band Ridge Band IS:13828**	
	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 Floors/Roofs	**R.C. screed & Band connectors alround band**		**Peripheral band and Diagonal planks and**	**IS:4326**	

6. Steel/R.C. frame buildings

6.1 Building shape Both axes near symmetrical One axis near symmetrical/Unsymmetrical (torsion considered)

6.2 Infills/partitions **Out of plane stability check? Yes/No In Plane stiffness considered? Yes/No IS:1893,IS:4326**

6.3 Dectile Detailing of IS:13920 R.C. Frames	Beams?	Columns?	Beam/column Joint?	Sheer Walls?
	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**

Notes

1. Encircle the applicable Data point or insert information.
2. 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 (I:2131 – 1981)
3. * Means any other. Specify.

C = Cement, S=Sand, L= Lime

The above information is factually correct.

Signature of owner with date

Name (Block) .....
Address:

Signature of the Engineer who will supervised the construction (with qualification and experience as mentioned in Appendix 12)
Name (Block) .....
Address: .....
Legible Seal: (with 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

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
   Plot number _____
   Sector _____
   Town: Noida _____
4. Particulars of Building
   1. Ground Coverage (square metre)
   2. Total covered area (square metre)
   3. Total Numbers of Floors above ground.

Signature of owner with date

Name (Block) .....

Address .....

.....

Signature of the Technical Person who will supervised 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) .....

Address:

Legible Seal:

(with address)

Appendix - 8D

(See regulation No. 25.2)

CERTIFICATE

(To be submitted with the application for obtaining occupancy certificate)

1. Certified that the building for which completion plan has been submitted for approval conforms to the requirments of relevant Indian Standard Codes and National Building Code as referred in Appendix 8-A in respect of Structural Safety in general and natural hazards including earthquake in particular.
2. It is also certified that the building has been constructed as per approved foundation and structural designs provided by the Structural Engineer and is certified to be based on relevant Indian Standard Code and National Building Code as referred above and the building is safe for occupancy.
3. Location /Address of Building

   Plot number _____
   Sector _____
   Town : Noida

4. Particulars of Building
   1. Ground Coverage (square metre)
   2. Total covered area (square metre)
   3. Total Numbers of Floors above ground.

Signature of owner with date

Name (Block) .....
Address .....

.....

Signature of the Technical Person who had supervised the construction

Name (Block) .....
Registration number .....
Legible Seal : .....
(with address)

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

Name (Block) .....Address:
Legible Seal:
(with address)