

**Table No. – 4***(see regulation 24.2, 24.3, 24.4, 24.5, 24.6, 24.7)***Area under canopy on building other than residential building on plots**

S.No.	Plot size (in square metre)	Maximum area under canopy (in sqmtrs.)
1	Upto 150	Nil
2	Above 150 upto 500	6 12 (only in side setback)
3	Above 300 upto 500	25
4	Above 500 upto 2000	40
5	Above 2000 upto 4000	55
6	Above 4000 upto 10,000	70
7	Above 10,000 upto 20,000	85
8	Above 20,000 upto 40,000	100
9	Above 40,000	115

**Explanation:** Minimum width/radius of canopy shall be 1.8 mtrs.

**CHAPTER IX****Provisions of parking, loading and unloading spaces—**

Parking may be provided in open, under stilt, or underground in basements or separate block plots for multi level parking through mechanized methods or conventional ramps. Other option in selected areas is through podium parking. Creation of underground parking below parks and open spaces without disturbing the green areas on the surface may be considered only in exceptional cases as per policy approved by the *Authority*. Surface parking shall be allowed in setback after leaving clear space of 7.5mtrs, and fulfilling the requirement of tree plantation

**Other Provisions--****1. Multi-level Parking--**

(i) Multi-level parking facility should preferably be developed in the designated parking spaces/plots

(ii) In order to compensate the cost of multi level parking in designated areas and also to fulfill the growing need of parking spaces within urban areas, a maximum 25% of ground floor covered area may be utilized as commercial space. The balance covered area may be utilized on top floors for office use on a plot designated or planned for parking facility.

(iii) In addition to the required parking spaces for maximum permissible FAR, 3 times additional space for parking component shall be provided.

(iv) Maximum ground coverage shall be 70%.

(v) For development of multilevel parking, models should be worked out to encourage the private sector initiative without commercial component.

(vi) Multi level parking facility shall be allowed in all type plots.

## 2. Basement Parking--

(i) In plots larger than 12000 sq.mtrs., the basement shall be allowed upto minimum setback of 6.0mtrs. There will be no restriction on the number of levels of basement subject to mechanical ventilation as per provisions in National Building Code-2005, water proofing and structural safety. Evergreen trees shall have to be planted in setback as per landscaping norms of the regulation.

(ii) Height of first basement above ground level will be 1.5mtrs. below the roof slab. Where stilt or podium parking is permitted, the first basement roof will be leveled with the ground and the roof slab of the extended basement up to envelop line shall be designed for the fire tender load.

(iii) The height of basements from floor to ceiling shall be maximum up to 4.5 mtrs.

(iv) The ramp within setbacks shall be permissible subject to free and convenient movement of fire tender.

(v) Adequate fire safety, light and ventilation and air change through mechanical means shall be provided as per provisions in National Building Code 2005.

(vi) The basements may be used only for parking, services like fire rooms and storage of non-hazardous materials.

## 3. Podium Parking--

For adequate parking space, podium parking up to maximum two floors may be permitted within the envelope line, only and only for parking, with the following conditions;

(i) Minimum plot area = 10000 sqmtrs.

(ii) Minimum width of the road = 18mtrs.

(iii) Minimum set back at the ground level will be 7.5mtrs. all around where stilt and one storey podium will be permitted, however, other floors of podium parking may be permitted with larger set back.

(iv) The height of one level of podium will be maximum 2.4mtrs. from floor to the bottom of beam.

(v) Podium levels will not be enclosed by any material on the outer periphery except with one meter high metal Jali/mesh for safety.

(vi) Adequate sprinklers, exits, ramps and fire fighting provisions as per provisions in NBC 2005 will be provided.

(vii) Structural safety measures as per BIS codes and for fire tender movement will be ensured.

(viii) Ramp for podium shall not be allowed in the setback.

(ix) Services and storage shall be allowed up to the extent of permissible ground coverage.

## 4. Mechanised Parking--

(i) Mechanized multi level parking will be permitted subject to the following;

(ii) Minimum plot size = 1000 sq.mtrs.

- (iii) Minimum width of road = 18mtrs.
- (iv) ECS = 18 sq. mtrs. or as per the design and Technology.
- (v) Clear Height of one level = 2.1mtrs.
- (vi) Adequate safety measures for mechanical equipments.
- (vii) Backup of electricity through automatic generators.
- (viii) The company shall ensure proper maintenance, structural safety equipment and machinery.

## 5. Underground Parking

Parking facilities can be created under the open spaces/parks (except heritage park), playground without disturbing the green areas on the surface and surrounding environment. The approvals from the concerned Authority are mandatory after following due process of public hearing before taking up such works. The guidelines for approval are as follows;

- (i) Minimum area of open spaces/park/playground = 5000 sq.mtrs.
- (ii) Minimum width of abutting road = 18mtrs.
- (iii) Up to 50% of the area to be utilized for underground parking with minimum two basements.
- (iv) Ramps to be provided with not less than 1:10 slope.
- (v) Maximum height from the road level may be 0.5mtrs.with provision for mechanized light and ventilation.
- (vi) Minimum set back from the boundary of the park will be 1.5mtrs.for the purpose of staircase and ramps.
- (vii) Fire & structural safety measures will be as per National Building Code 2005.
- (viii) Minimum depth of the earth will be 0.5mtrs.for planting shrubs and grass.
- (ix) Adequate drainage for irrigation facilities and for water proofing will be mandatory.
- (x) The Authority may consider to relax the minimum area limit depending up on the requirement in a particular area.
  - (a) When parking space is to be provided for motor vehicles, it shall not be less than 20 square metre in open area and basement (under stilts : 30 square meter) and for scooters and cycles the parking spaces provided shall not be less than 3 square metre and 1.40 square metre respectively.
  - (b) For buildings of different types, parking space for vehicles shall be provided as specified below-

6. **Extended Basement:** The basement shall be allowed within the setback only for parking purpose all around the plot boundary after leaving a minimum setback of 6.0 mtrs. for fire tender movement. The top of the slab shall be flushed to the ground level and the roof shall be designed to take the load of the fire tender with mechanized ventilation.

TABLE No.-5

Sl. no.	Building/plot	Parking space
1	(a) Group Housing	One ECS/parking space per 80 square metre of permissible FAR area.
	(b) Lodges, Guesthouse, Hotel	One parking for every 2 guest room.
2	Educational Building metre of permissible FAR area :	One parking space for every 100 square.
	(a) IT/ITES, Officer, and institution :	One parking space for 50 square meter for administrative office.
	(b) Auditorium	One Parking space per 15 seats.
	(c) Bus parking	One bus parking per 750 square metre of permissible FAR area.
	(d) Off street parking	Higher Secondary School 4.5mtrs. off-street parking depth in the entire frontage with boundary wall shifted back and front set back will be considered from property line and in other institutions upto 4.5mtrs. in half the width of the front of the plot would be required for providing off-street parking on roads of 18.0mt or more width.
	(e) Hostels and Residential area	One parking space per 112 sqmtrs. of permissible FAR area, in plot size of 112sqmtrs. and above.
3	Medical	One parking space for every 65 sqmtrs. permissible FAR area. One ambulance for every 375 sqmtrs. permissible FAR area.
4	Commercial	One parking space for 30 sqmtrs of permissible FAR area.
5	Industrial	One parking space per 100 sqmtrs of permissible FAR area.
6	Storage	One parking space for 100 sqmtrs of permissible FAR area.
7	Loading/unloading	One parking space for every 100 sqmtrs industries and storage building with a size of 4.5 meter x 3.0 meter
8	Multiplex/Cinema	One parking space per 15 seats.
9	Religious	One parking space per 100sqmtrs. of permissible FAR area.
10	Utilities( Fire Station, Police Station, post office Taxi Stand, etc.)	One parking space per 100 sqmtrs of permissible FAR area.
11	Recreational	One parking space per 50 sqmtrs of permissible FAR
12	One ECS	= 13.75 sq.mtrs.
13	Area requirement	30 sqmtrs per ECS in basement/ stilt/ podium/ covered parking and 20 sqmtrs for surface parking.

**Explanation--(I)** Notwithstanding anything contained in these directions/regulations the Chief Executive Officer may where having regard to the features of a particular sector and the width of a road abutting any building / plot and the master plan consider it expedient to do so order for the preparation of architectural control detailed drawing for any of all the major projects specifically, especially of non residential character which may or may not deviate partly or wholly from the provisions of these regulations. For such purpose, Chief Executive Officer may constitute a committee, which shall submit its report to him, for final decision.

**(II)** Helipad may be permitted on the roof top of buildings above 60 mtrs. height subject to the clearance from Airport Authority and structural safety from I.I.T/N.I.T.

**(III)** Development of parking facilities may be permitted proportionately on the basis of proposed phasewise development. However, provision of parking facilities has to be made on the basis of maximum permissible F.A.R.,

**(IV)** Parking norms are revised from time to time. Parking facilities have to be provided on the basis of revised norms for new proposed construction. Parking facility developed on the basis of old norms for old construction may be allowed to continue. If no parking facility has been developed, provisions have to be made on the basis of new norms for the entire old and proposed construction.

**TABLE No.-6**

**Provisions for Landscaping**

1 (a) Institutional, commercial, office / Industrial units / group housing, farm house shall be required to plant a minimum number of trees in their premises as follows.

Plot size (in square meter)	Number of trees required	Minimum open space to be kept for landscaping
Upto 2000	One tree per 100 square meter of open space out of which minimum 50 percent to be in the category of evergreen trees.*	25 percent of open area. In case of industrial plots no soft landscaping is required
Above 2000 to 12000	One tree per 100 square meter of open space out of which minimum 50 percent trees to be in the category of evergreen trees.	25 percent of open area
More than 12000-	One tree per 100 square meter of open space out of which minimum 50 percent to be in the category of evergreen trees.	50 percent of open area

(b) In case of plotted development in group housing plantation provision shall be as per Landscape Master Plan and following norms shall be followed.

(i) On 18.0 metre and 24.0 metre wide road, alternate variety of evergreen and ornamental trees shall be planted @ 7.5 meter centre to centre.

(ii) On road up to 12 meter ornamental trees will be planted @ 5 metre centre to centre of single variety in each pocket.

(c) Recreational, Institutional Green: In addition to the requirement as mentioned in clause (a) detailed landscape plan will have to be got approved by the Authority as per specification in Landscape Master Plan and landscape manual approved by the Authority.

**2. Residential plots other than group housing (flatted) :-**

(i) One tree in every plot for plot size upto 120 square metre.

(ii) Two trees in every plot for plot size above 120 and upto 300 square metre.

(iii) One tree additional in every 100sqm for plot above 300 square metre.

**3.** The minimum height of plantation of sapling should be 3.6 metres at the time of occupancy.

\*Evergreen Tree--Tree that remains green for most part of the year and sheds leave slowly throughout the year, having height more than 2.0m, with a well distinguished trunk.

**APPENDIX-I****{See regulation 5}***Form for first application to erect, re-erect, demolish or to make material alteration in a building*

To,

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

Sir,

I hereby give application that I intend to erect/re-erect/demolish or to make material alteration in the building on Plot No .....in Estate/pocket/plot .....in Sector.....in accordance with the ..... Industrial Development Area Building Regulations and Planning and Development Directions and I enclose herewith the documents as per checklist 1-A/ 1-B/1-C/1-D annexed to this application.

I request that the construction may be approved and permission accorded to me to execute the work.

*Signature of the applicant*

**Name of applicant (in Block letters).**

*Address of the applicant :*

Dated :-

(i) NOTE—Strike out which is not applicable.

**CHECKLIST-1 A (For buildings on individual residential plots)**

(i) Ownership documents; copies of allotment letter ( transfer letter/memo or mutation letter in case of transfer) possession certificate, the lease deed (transfer deed in case of transfer), and dimension plan issued by the Authority.

(ii) Form for first application to erect, re-erect, demolish or to make material alteration in a building (Appendix 1)

(iii) Certificate prescribed in Appendix- 2 for undertaking the supervision by the Technical Person. Any change of the technical personnel during construction work shall be intimated to the Chief Executive Officer in writing.

(iv) Structural stability certificate from the Architect/Structural Engineers as per Appendix-3.

(v) Certificate for sanction of Building Plan as per Appendix-4.

(vi) Where basement is proposed to be constructed, Indemnity bond on Rs. 100/- stamp paper duly attested by a Notary, shall have to be submitted.

(vii) Specification of proposed building as per Appendix -6.

(viii) Application for drainage of premises as per Appendix-7.

(ix) Photocopy of the registration of the Technical Person as per Appendix 12 duly authenticated with plot number for which it is submitted.

(x) In case of demolition photo of existing building.

(xi) Soft copy of drawings in CD.

(xii) In case of revalidation and revision original sanctioned plan to be submitted.

(xiii) Photocopy of receipt of fees deposited, water and sewer connection charges, service connection and ramp charges and such other charges if any as required by the Authority from time to time.

(xiv) Three copies of drawings (one cloth mounted) duly signed by the Technical Person and Owner.

(xv) Any other document as may be required by the Authority from time to time.

**CHECKLIST-1 B** (For buildings other than those on individual residential plots)

- (i) Ownership documents; copies of allotment letter, possession certificate, the lease deed (transfer deed in case of transfer), and dimension plan issued by the authority.
- (ii) Form for first application to erect, re-erect, demolish or to make material alteration in a building (Appendix 1).
- (iii) Certificate prescribed in Appendix- 2 for undertaking the supervision by the Technical Person. Any change of the technical personnel during construction work shall be intimated to the Chief Executive Officer in writing.
- (iv) Structural stability certificate from the Architect/Structural Engineers as per Appendix-3.
- (v) Certificate for sanction of Building Plan as per Appendix-4.
- (vi) Where basement is proposed to be constructed, Indemnity bond on Rs. 100/- stamp paper duly attested by a Notary, shall have to be submitted.
- (vii) Specification of proposed building as per Appendix -6.
- (viii) Application for drainage of premises as per Appendix-7.
- (ix) Photocopy of the registration of the Technical Person as per Appendix 12 duly authenticated with Plot No. for which it is submitted.
- (x) Photocopy of receipt of fees deposited, water and sewer connection charges, service connection and ramp charges and such other charges if any as required by the Authority from time to time.
- (xi) Three copies of drawings (one cloth mounted) duly signed by the Technical Person and owner.
- (xii) Certificate of registered structural engineer and owner regarding earthquake resistance of the building as per Appendix 8/A/B/C, where-ever applicable.
- (xiii) Two copies of the drawings giving details of provisions for fire safety, security as per National Building Code.
- (xiv) Approval from the competent authority in case of hazardous buildings.
- (xv) Soft copies of the drawings in floppy/compact disc.
  - (i) Valid time extension, where- ever applicable.
  - (ii) NOC from Airport Authority if building is more than 30.0 mtrs high.
  - (iii) NOC from Ministry of environment if covered area is more than 20,000sqmtrs.
- (xix) Any other document as may be required by the Authority from time to time.
- (xx) In case of revision and revalidation original sanction plan to be surrendered/submitted as the case may be.

**CHECKLIST- 1C** (For layouts and sub-division of plots)

- (i) Ownership documents; copies of allotment letter (transfer/mutation letter in case of transfer) possession certificate, lease deed (transfer deed in case of transfer), and dimension plan issued by the Authority.
- (ii) Form for first application to develop, redevelop or to make material alteration. (Appendix 1).
- (iii) Certificate prescribed in Appendix- 2 for undertaking the supervision by the Technical Person. Any change of the technical personnel during development work shall be intimated to the Chief Executive Officer in writing.
- (iv) Structural stability certificate from the Architect/Structural Engineers as per Appendix-3.
- (v) Certificate for sanction of Layout Plan as per Appendix-4.
- (vi) Specification of proposed layout development as per Appendix -6.
- (vii) Application for drainage of premises as per Appendix-7.

- (viii) Photocopy of the registration of the Technical Person as per Appendix 12 duly authenticated with Plot number for which it is submitted.
- (ix) Application form for water and sewer connection (where-ever applicable).
- (x) Photocopy of receipt of fees deposited, water and sewer connection charges, service connection and ramp charges and such other charges if any as required by the Authority from time to time.
- (xi) Three copies of drawings (one cloth mounted) duly signed by the Licensed Technical Person and owner.
- (xii) Certificate of registered structural engineer and owner regarding earthquake resistance of the building as per Appendix 8A/8B/8C, where-ever applicable.
- (xiii) Three copies of the drawings giving details of provisions for fire safety, security as per National Building Code.
- (xiv) Soft copies of the drawings.
- (xv) Valid time extension letter, where-ever applicable.
- (xvi) Any other document as may be required by the Authority from time to time.
- (xvii) In case of revision and revalidation original sanction plan to be surrendered/ submitted as the case may be.

#### CHECKLIST-1D (For Temporary Structures)

- (i) Ownership documents; copies of allotment letter (transfer letter in case of transfer) possession certificate, lease deed (transfer deed in case of transfer), and dimension plan issued by the Authority.
- (ii) Form for first application to erect, re-erect, demolish or to make material alteration in a building (Appendix 1).
- (iii) Certificate prescribed in Appendix- 2 for undertaking the supervision by the technical person. Any change of the technical personnel during construction work shall be intimated to the Chief Executive Officer in writing.
- (iv) Certificate for sanction of Building Plan as per Appendix-4.
- (v) Specification of proposed building as per Appendix -6.
- (vi) Photocopy of the registration of the Technical Person as per Appendix 12 duly authenticated with Plot number for which it is submitted.
- (vii) Application form for water and sewer connection (where-ever applicable).
- (viii) Photocopy of receipt of fees deposited, water and sewer connection charges, service connection and ramp charges and such other charges if any as required by the Authority from time to time.
- (ix) Three copies of drawings (one cloth mounted) duly signed by the Technical Person and owner.
- (x) Valid time extension letter, if applicable.
- (xi) Any other document as may be required by the Authority from time to time.
- (xii) In case of revision and revalidation original sanction plan to be surrendered/ submitted as the case may be.



**APPENDIX-2**

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

**Form for supervision of Building Work**

To,

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

Sir,

I hereby certify that the erection/re-erection and material alteration/demolition in/of building/site on Plot number .....in Estate/pocket/plot-----in Sector----- 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—3**

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

**For Structural Stability Certificate**

To,  
The Chief Executive Officer,  
Greater Noida Industrial Development Authority,  
Uttar Pradesh.  
Sir, .....

I hereby certify that the structural design of the Building on Plot number,.....in Estate/Pocket/plot-----in Sector----- shall be done by me/us and carried out in accordance with Part/IV structural design of National Building code of India corrected upto date.

Signature of Technical Person.....  
Name of the Technical Person.....  
License number of the Technical Person.....

Address of Technical Person.....  
Dated: .....

**Appendix-4**

(See regulation 25.10 &amp; 25.11)

**Certificate of Sanction of Layout Plan/ Building Plan  
(To be given by Technical Person as per Appendix 12)**

It is certified that the plans and all other drawings submitted for approval for building/Layout Plan on Plot number \_\_\_\_\_ in Estate/pocket/plot \_\_\_\_\_ in Sector \_\_\_\_\_ have been prepared in accordance with the \_\_\_\_\_ Industrial Area Development Regulations 2005 and the \_\_\_\_\_ Planning and Development Directions (as amended upto date), National Building Code, Indian Standard Institution Code and all other provisions as given in Chapter V, as applicable.

Signature of Technical Person \_\_\_\_\_

Name of the Technical Person \_\_\_\_\_

Registration number \_\_\_\_\_

Address of Technical Person \_\_\_\_\_

Enclosure :

--Attested photocopy of the certificate of Technical Person.

--Building Plan and all prescribed documents.

Dated :

Place :

**APPENDIX—5**

(See Appendix Number 1 Checklist 1A, 1B and 1C)

**Indemnity Bond**

In consideration of the \_\_\_\_\_ Industrial Development Authority, a body constituted under section—3 read with Section 2(d) of the Uttar Pradesh Industrial Area Development Act, 1976 (U.P. Act no. 6 of 1976) (hereinafter referred to as 'the promisee' - which expression shall unless the context otherwise require, includes its successors and assigns) having sanctioned the construction of the basement in the building plans of the House/Factory building to be constructed on Industrial/Residential/Institutional/Commercial/Recreational Plot number \_\_\_\_\_ Estate/pocket/plot \_\_\_\_\_ in Sector \_\_\_\_\_ situated in the \_\_\_\_\_ Industrial Development Area in District Gautam budhnagar, Uttar Pradesh. On production of the bond of Indemnity by \_\_\_\_\_ son of \_\_\_\_\_ aged about \_\_\_\_\_ years resident of \_\_\_\_\_ (hereinafter called the 'promisor' which expression shall unless the context otherwise require includes his/her heirs, executors, administrators, representatives and permitted assigns) to implement the promises of any loss or damage caused in respect of construction of basement referred to above the promisor hereby agrees to execute this bond of Indemnity.

**NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS**

In consideration of the promisee having sanctioned the construction of the basement in the building plan of the factory/residential building to be constructed in Industrial/Residential/Institutional/ Commercial/Recreational Plot number \_\_\_\_\_ in Estate/pocket/plot \_\_\_\_\_ Sector \_\_\_\_\_ situated in the Greater Noida Industrial Development Area, District Gautam Budh Nagar \_\_\_\_\_ the promisor agrees to

indemnify the ----- Industrial Development Authority and at all times holds himself liable for all damages and losses caused to the adjoining building (s) on account of the construction of basement referred to above and further undertakes to indemnify the promisee ----- Industrial Development Authority any such amount to the full extent which the promisee may have or to be required to pay to any person (s) having rights in the adjoining properties on account of the construction of the basement by way of compensation or otherwise and further to pay all costs and expenses which the promisee may have to spend in defending any action in the Court of Law regarding thereto.

In witness whereof the promisor executed this Bond of Indemnity at ----- Industrial Development Area, District Gautam budhnagar..... on ..... day of.....

(Promisor),

Witness:

1. -----
2. -----

#### APPENDIX—6

(See regulation 6.1, 6.2, ,6.3, 6.4

### GENERAL SPECIFICATIONS SHEET GREATER

#### NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY

Specification of proposed building

1. Total Plot Area..... square metre./Basement existing .....square meters/  
Basement proposed .....square metres/Ground floor existing ..... square  
metre/Ground Floor Proposed ..... square metre.
2. First Floor existing .....square metres/First Floor Proposed .....square metres.  
Second Floor existing .....square metres /Second Floor Proposed.....  
square metres.
3. Mezzanine Floor existing ..... square meters/Mezzanine Floor Proposed  
.....square metres.
4. The purpose for which it is intended to use the building .....
5. Specification to be used in the construction of the  
(i) Foundation .....
- (ii) Walls .....
- (iii) Floors .....
- (iv) Roofs .....
6. Number of storeys the building will consist .....
7. Approximate number of persons proposed to be accommodated .....
8. The number of latrines to be provided .....
9. Whether the site has been built upon before or not .....
10. Source of water to be used for building purpose .....

Signature of the Applicant.....

Full Name (In Block Letters).....

Address .....

## APPENDIX—7

(See Appendix I Checklist 1A, 1B and 1C)

## GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY

(To be submitted in duplicate)

## APPLICATION FOR DRAINAGE OF PREMISES

To

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

Sir,

I/We, the undersigned hereby apply for permission to drain the premises on Plot number.....in Estate/pocket/plot-----in Sector-----

The sanitary arrangement and drains for the premises are shown in the accompanying plans and sections in duplicate and described in the Appendix - 6 (submitted in duplicate) and the premises are open to inspection by the Officers of ----- Industrial Development Authority. I/we undertake to carry out the work in accordance with the provisions of -----  
- Industrial Development Authority Building Regulations 2010 and to pay the Authority the cost of connection to the sewer at the rate given in the scheme of fees.

Signature of the Applicant.....

Full Name (In Block Letters).....

Address.....

Name of the Technical Person carrying out work.....

License number.....

Address of the Technical Person.....

Dated:

## 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:

- (1) “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.

**EXPLANATION :**

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:  
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	Estate	Sector	Town
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	$\alpha_0 = \dots\dots$	$I = \dots\dots$	$\beta =$	$\alpha_h = \dots\dots$ IS:1893
4. Foundation				
4.1 Soil type at site (Note 2)	Rock/stiff	Medium # Soft	Liquefiable	Expensive(Bearing Capacity.)
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	<b>A(<math>\alpha_h &lt; .05</math>) B(<math>\alpha_h = .05</math> to <math>.06</math>) C(<math>\alpha_h .06</math> to <math>&lt; .08</math>) D(<math>\alpha_h .08</math> to <math>\alpha &lt; .12</math>) E(<math>\alpha_h &gt; .12</math>) IS:4326</b>			
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/Rafted/A Frame/Slopping		
R.C. Slab				
5.6 Roof covering	CGI Sheetting	*AC Sheetting	Clay tiles/Slate	Woodshingle *
5.7 Opening in walls	<b>Control used on sizes? Control used on location? Strengthening around?</b>			
Yes/No/NA	Yes/No/NA	Yes/No/NA		
		IS:4326		
5.8 Bands Provided	<b>Plinth Band</b>	<b>Lintel Band</b>	<b>Roof/Eave Band</b>	<b>Gable Band</b>
	Yes/No/NA	Yes/No/NA	Yes/No/NA	Yes/No/NA
				<b>Ridge Band</b>
				Yes/No/NA
5.9 Vertical Bars	<b>At corners of rooms</b>		<b>At jambs of openings</b>	
	Yes/No/NA		Yes/No/NA	
5.10 Stiffening of Prefab R.C. screed & Band Peripheral band and Diagonal planks and Floors/Roofs connectors around band	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	<b>Out of plane stability check? Yes/No In Plane stiffness considered? Yes/No IS:1893,IS:4326</b>			
6.3 Dectile Detailing of	Beams?	Columns?	Beam/column Joint?	Sheer Walls?
IS:13920				

R.C. Frames	Yes/No	Yes/No	Yes/No	Yes/No
	6.4 Ductile Detailing of <b>Steel Frames</b>	Beams? <b>Yes/No</b>	Columns? <b>Yes/No</b>	Beam/column Joint? <b>Yes/No</b>

## 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

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

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

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 \_\_\_\_\_  
 Estate \_\_\_\_\_  
 Sector \_\_\_\_\_  
 Town \_\_\_\_\_

## 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

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

Name (Block) .....

Name (Block) .....

Address .....

Address:

Legible Seal:

(with address)

Signature of the Technical Person who will supervised the construction

Name (Block) .....

Registration number .....

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 requirements 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 \_\_\_\_\_  
 Estate/pocket/plot \_\_\_\_\_  
 Sector \_\_\_\_\_  
 Town \_\_\_\_\_

## 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

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

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

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

Signature of the Technical Person who had supervised the construction

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

**APPENDIX -9**

(See regulation no. 20)

*Form for Occupancy Certificate for Building Work*

To

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

Sir,

I hereby certify that the erection/re-erection/material alteration/demolition in/on building on Plot number .....in Estate/pocket/plot .....Sector..... in ----- has been supervised by me and the completion plan along with the required documents are attached herewith. The plans were sanctioned vide letter number..... dated.....and the work has been completed to my best satisfaction. The workmanship and all the materials which have been used are strictly in accordance with the general, detailed specification. No provision of the regulations, directions, no requisition made, conditions, prescribed or order issued there under have been transferred in the course of work. The land is fit for construction for which it has been developed or re-developed.

Signature of the Technical Person -----

Name and address of the Technical Person -----

Dated:

EXPLANATION – Strike out the words which are not applicable.

**CHECKLIST – 9A (For buildings on individual residential plots)**

- (i) 3 copies of drawings (one set cloth bounded) duly signed by Technical Person and owner
- (ii) Completion fees, as applicable.
- (iii) Valid time extension certificate, if applicable.
- (iv) Photographs of the building from front and side setbacks.
- (v) Photocopy of registration of Technical Person signing the plan and Appendices.
- (vi) Copy of receipt of payment of Water, Sewer connection charges, Meter charges and any other charges as may be required by the Authority.
- (vii) Floppies /Compact Disc of the building plan submitted.
- (viii) Any other document as may be required from time to time.

**CHECKLIST – 9B (For buildings on Plots other than individual residential plots)**

- i. 3 copies of drawings (one set cloth bounded) duly signed by Technical Person and owner.
- (ii) Completion fees.
- (iii) Valid time extension certificate, if applicable.
- (iv) Photographs of the building from front and side setbacks.
- (v) Photocopy of registration of Technical Person signing the plan and Appendices.
- (vi) No Objection Certificate from Chief Fire Officer, wherever applicable.
- (vii) No Objection Certificate from Explosive Department, wherever applicable.
- (viii) Certificate from owner and structural Engineer regarding earthquake resistance of building as per Appendix 8/A/B/D, if applicable
- (ix) Copy of receipt of fees deposited with Power Company.
- (x) Copy of receipt of payment of Water, Sewer connection charges, Meter charges if not submitted at the time of plan approval, and any other charges as may be required by the Authority.
- (xi) Compact Disc of the building plan submitted.
- (xii) Any other document as may be required from time to time.
- (xiii) NOC for Environment from Environment Department if applicable.
- (xiv) Affidavit regarding rain water harvesting.
- (xv) Photographs of the building/ site and all documents to be self attested by the applicant.

**CHECKLIST – 9C (For buildings layout and sub-division of land)**

- (i) 3 copies of drawings (one set cloth bounded) duly signed by Technical Person, and owner.
- (ii) Completion fees.
- (iii) Valid time extension certificate if applicable.
- (iv) Photographs of the site from all sides.
- (v) Photocopy of registration of Technical Person signing the plan and appendices.
- (vi) No Objection Certificate from Chief Fire Officer, wherever applicable.
- (vii) No Objection Certificate from Explosive Department, wherever applicable.
- (viii) Certificate from owner and Structural Engineer regarding earthquake resistance of building as per Appendix 8/A/B/D, if applicable.
- (ix) Copy of receipt of fees deposited with Power Company Limited.
- (x) Copy of receipt of payment of water/sewer connection charges, Meter charges if not submitted at the time of plan approval, and any other charges as may be required by the Authority.
- (xi) Compact Disc's of the building plan submitted.
- (xii) Any other document as may be required from time to time.

**NOTE--All documents and photographs should be self attested by the allottee and the technical person.**

**APPENDIX -10**

{See regulation no. 20.1}

*Form for Sanction or refusal of Building Permit*

From

The Chief Executive Officer,  
Greater Noida Industrial Development Authority,  
Uttar Pradesh,

To:

.....  
.....

Sir,

With reference to your application number .....dated.....for grant of permit for the erection/ re-erection/ material alteration/ demolition in/ of building on Plot number.....in Estate/pocket/plot.....in Sector....., in ----- I have to inform you that the sanction has been granted/ refused by the Authority on the following conditions.

- 1.
- 2.
- 3.
- 4.

Office Stamp

Signature

Office communication number

Name of the Officer

Designation of the Officer

Dated

NOTE – Strike out which is not applicable.

**APPENDIX -11**

{See regulation number 20.1}

*Form for Occupancy Certificate*

From

The Chief Executive Officer,  
Greater Noida Industrial Development Authority,  
Uttar Pradesh,

To:

.....  
.....

Sir,

I hereby certify that the erection/re erection/alteration/demolition of building on Plot number.....in Estate/pocket/plot.....in Sector..... completed under the supervision of Technical Person or name.....has been inspected by the officers of the Authority and declare that the building conforms in all respects to the requirements of the regulations in respect of occupancy. Structural safety based upon the structural stability certificate and the completion certificate submitted by the concerned Technical Personnel for fire safety, hygienic and sanitary conditions inside and the surrounding and is fit for occupation.

Signature.....

Name.....

Designation.....

Dated.....

**APPENDIX – 11A**  
**(See regulation No.20.4)**

**FORM FOR TEMPORARY OCCUPANCY CERTIFICATE**

From,

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

To

.....  
.....  
.....

Sir,

I hereby certify that the erection/re-erection/material alteration/demolition in/of building No ..... of Shazra No. .... on/in plot No. .... Sector/colony..... Road/Street .....Block/Mohalla/Bazar ..... completed under the supervision of ..... licensed Architect/Engineer/Draftsman/Group License No. .... has been inspected by me/officers of the Authority and declare that the building does not conform in respect of the following requirements of the ----- regulations/Directions as amended upto date.

- 1.
- 2.
- 3.
- 4.
- 5.

However, a temporary occupancy certificate is being issued for a period of ..... subject to the condition that the above mentioned defects/discrepancies will be got corrected and a fresh completion certificate is submitted to the Chief Executive Officer for further necessary action.

Office stamp .....

Signature .....

Office (communication).....

Name of the office.....

No. ....

Designation .....

Dated :

NOTE :- Strike out the works which are not applicable.

**APPENDIX -12**

*Qualification of Technical Personnel for Preparation of Schemes for Building Permit and supervision*

i. The qualifications of the technical personnel and their competence to carry out different jobs for building permit and supervision by the Authority shall be as hereinafter indicated.

ii. ARCHITECTS

2.1 **Qualification** – The qualification of Architect will be the Associate Membership of the Indian Institute of Architects or such Degree or Diploma which makes him eligible for such membership or qualification mentioned in Schedule –XIV of Architects Act. 1972 and registered with the Council of Architecture as provisions of the Architects Act. 1972.

2.2 An Architect shall be competent to carry out work related to building permit and shall be entitled to submit the following :

- i. All plans and related information connected with building permit.
- ii. Structural details and calculations for building on plots upto 500 square meter and upto four storeys height, and
- iii. Certificate of supervision for all buildings.
- iv. Layout Plan upto 2 hectares

i. ENGINEERS

3.1 **Qualification-** The qualification for licensing of the engineers will be Associate/Corporate Membership (Civil) of the Institution of Engineers or such degree/diploma in Civil, Municipal, or Structural Engineering which makes him eligible for such membership or which is recognized by the Uttar Pradesh Public Service Commission for the post of an Assistant Engineer. An engineer shall be competent to carry out the work related to building permit and shall be entitled to submit the following:

- i. Building plans for plots upto 1000sqm.
- ii. Structural details and service detail and calculations for all buildings.
- iii. Certificate of supervision for all buildings.
- iv. Structural Calculation and details for building mentioned shall be as follows:

Sl. No.	Type of Building	Number of years of experience for Structural Engineer for structural design and supervision		Other Details
		Graduate Civil Engineer.	Post Graduate Structural Engineer	
1	Multistoreyed / important facility buildings which are upto 4 storeys or 12 meter high or 2500 square meter covered area	5 years	3 years	
2	Multistoreyed/ important facility buildings which are upto 8 storeys or 24 meter high or 5000 square meter covered area	9 years	7 years	
3	Multistoreyed / important facility buildings which are above 8 stories or above 24 meter high or above 5000 square meter covered area	10 years	8 years	Copy of structural design to be signed by Professor of Structural Design of Indian Institute of Technology/N.I.T, or any other recognized technical institutes.

## 4. TOWN PLANNER (for layout plans)--

The minimum qualification for a town planner shall be post-graduate degree or post graduate diploma in town and country planning/ urban planning which makes him eligible for Associate Membership of the Institute of Town Planners, India or recognized by the Public Service Commissions for the Post of Assistant Town Planner.

A Town Planner shall be competent to carry out work related to building permit and shall be entitled to submit the layout plans.

## 5. GROUP OR AGENCY--

When a group or agency comprising of qualified Architect/Engineer Town Planner is practicing then the qualification and competence of work will be the combination of the individual qualification and competence given under paras 2,3 and 4 above.

By order,

V.N. GARG,

Principal Secretary.

Sl. No.	Type of Building	Number of years of experience for structural design and supervision		Other Details
		Graduate Engineer	Post Graduate Engineer	
1	Multistoreyed \ important facility buildings which are upto 4 storeys or 12 meter high or 2500 square meter covered area	2 years	3 years	
2	Multistoreyed \ important facility buildings which are upto 8 storeys or 24 meter high or 5000 square meter covered area	4 years	7 years	
3	Multistoreyed \ important facility buildings which are above 8 storeys or above 24 meter high or above 5000 square meter covered area	10 years	8 years	Copy of structural design to be signed by Professor of Structural Design of Indian Institute of

पी०एस०यू०पी०-40 हिन्दी गजट-भाग 1-क-2010 ई०।

मुद्रक एवं प्रकाशक-निदेशक, मुद्रण एवं लेखन-सामग्री, उत्तर प्रदेश, इलाहाबाद।