

GUIDELINES FOR ISSUE OF NOC FOR CONSTRUCTIONS AROUND INDIAN AIR FORCE AERODROMES

1. The procedure for issue of NOC for construction of Aerodromes, Helidromes, Power Projects, Transmission lines, buildings and other structures around Indian Air Force aerodromes has been simplified and is enumerated in succeeding paragraphs.

Applicability

2. Aircraft Act, 1934 empowers the Central Government to impose restriction on the construction of buildings and other structures within a radius of 20 Km from ARP of all aerodromes. Over the years the contents of this Act have been elaborated and notified through Gazette Notifications/statutory orders. The current Gazette notification was issued vide GSR 751 (E) dated 30 Sep 15. The criteria employed in this notification are based on Obstacle Limitation Surfaces as described in ICAO Annex-14 and related ICAO documents such as Annex 10 and Doc 8168.

3. The proposed constructions in the vicinity of IAF airfields for which applications will be processed by IAF include:-

- (a) New Aerodromes/Helipads/ Aircraft Operating Surfaces.
- (b) Power Projects/WTGs/Solar Power Modules.
- (c) Buildings/Factories/Chimneys/Industrial Complexes etc.
- (d) Transmission lines Towers, Mobile Network Communication Towers, Microwave Link Towers, TV Towers, FM Transmission Towers etc.

4. The Gazette Notification GSR 751(E) specifies an area of 20 Km around the ARP of an aerodrome to be considered for imposing restrictions on any constructions. However, all Transmission lines, Transmission line structures, WTGs, HT cables etc. beyond 20 km shall be notified to D Ops (Nav) at Air HQ (VB), Rafi Marg, New Delhi -110106, Directorate of Aerospace Safety (DAS) at Air HQ (RKP), West Block-6, New Delhi, prior to commencement of construction work along with an undertaking that structures and cables will be appropriately marked and lighted in accordance with IS 5613 (including amendments) issued from time to time.

5. Applications for proposed constructions falling within the restricted zone as published in the Public Notice by the District Collector/Magistrate issued under Works of Defence Act 1903 and prevailing Gazette notifications/Statutory orders will not be accepted/permitted.

Shielding Criteria.

6. The shielding criteria for proposed construction shall be applicable as per the provisions of GSR 751(E) and Doc 9137, Part 6 of ICAO.

Wind Turbine Generators

7. No Wind Turbine Generators (WTGs) shall be installed upto a distance of 10 Km from the Radar Antenna of all Static Air Defence Radars and up to 8 km from ATS Radar antenna/VOR.

Procedure

8. Applicants are required to forward their proposals in the specified format as given at the appendices to these guidelines. Such application should be submitted in three copies {two copies addressed to the controlling Command HQ (CATCO) and one copy to the nearest Air Force Station (SATCO)}. In case application is received only at one of the places, the applicant would be asked to forward copies of the same to other addressees simultaneously. However all applications for NOC for **Power Projects/WTGs/Solar Power projects (except solar power modules at the top of building for domestic usage) shall be forwarded only through D (Coord) Section, 'B' Wing, Sena Bhawan, Ministry of Defence, New Delhi-11. No application for Power Projects shall be accepted directly by the Station/Command HQ/Air HQ (VB).** If the application for NOC is for alterations/modifications of existing structure/building, a copy of the earlier NOC issued by MoD/Air HQ/Command HQ for original structure, is to be enclosed along with complete fresh application.

9. All applications for proposals will be processed at Stations, Command HQ and Air HQ within given time frames. Subsequently, comments will be forwarded to competent authority for issuance of NOC. During processing of a proposal, Station/Command HQ may correspond with the applicant (s) if required seeking additional information or clarifications (with intimation to next higher formation). Detailed procedure for submitting application is as given below:-

(a) **Construction of New Aerodromes and Helipads.** Applications with proposals for new Aerodromes and Helipads are required to be forwarded in the format given at **Appendix 'A'** {Original and one copy to Air HQ (DATS) and one copy each to concerned Command HQ (CATCO) and nearest Air Force Station, (SATCO)}, even if these are planned beyond 20 km from ARP but falling within the notified Restricted airspace or in close vicinity of IAF Restricted/Danger Airspaces of IAF airfields. However for setting up of Green field Airports/Heliports, applicant will **proceed as per relevant MoCA guidelines for construction of Greenfield airports/Helipads, which are available on MoCA website.**

(b) **Installation of Power Transmission Lines and Cables** Applications for installation of Power Transmission lines and Cables etc should be forwarded in the format as given at **Appendix 'B'** (Original & one copy to Command HQs and one copy to nearest Air Force Station).

(c) **Mobile Network Communication Towers/Microwave Link Towers/TV Towers/FM Transmission Towers/Com & Nav Facilities.** All cases for issue of NOC for Mobile Network Communication Towers, Microwave Link Towers, TV Towers, FM Transmission Towers and such communication related constructions will be dealt on Signals channel

independently. The operator has to apply for such NOC at Wireless Planning Commission (WPC) website of MOC & IT online (<http://wpc.dot.gov.in>).

(d) **Construction of Buildings/Chimneys (not associated with power project)**. Applications for construction of buildings falling within 4 Km from ARP as indicated in Red Zone of CCZMs needs to be submitted as given in **Appendix 'C'** (Original & one copy to concerned Command HQs (CATCO) and one copy to nearest Air Force Station). For proposals located between 4 Km to 20 Km from ARP and falling in Pink and Yellow Zone upto the limit of highest elevation mentioned in respective CCZMs needs to be **submitted to Local Municipal Authorities**. Applications for proposals with elevation higher than those mentioned in CCZMs and falling within Pink and yellow Zone will be submitted as given in **Appendix 'C'** (Original & one copy to concerned Command HQs (CATCO) and one copy to nearest Air Force Station).

(e) **Power Projects/WTGs/Solar Power Modules**. However all applications for NOC for **Power Projects/WTGs/Solar Power projects (except solar power modules at the top of building for domestic usage) shall be forwarded only through D (Coord) Section, 'B' Wing, Sena Bhawan, Ministry of Defence, New Delhi in the format given in Appendix 'C'. No application for Power Projects will be accepted directly by the Station/Command HQ/Air HQ (VB).**

(f) **Undertaking by the Applicant**. Undertakings by the applicant on ₹10/- Stamp Paper as given in **Appendices D1, D2 & D3** (to comply with various legal provisions) should be forwarded along with each application. An undertaking on a plain paper furnishing information on likely presence of foreign nationals as given at **Appendix 'E'** including 'Nil' submission should also be forwarded along with the application. In addition, all proposals, where the entire or part of the project falls within a radius of one Km (1000 m) from nearest outer parapet of IAF aerodromes, shall also furnish a certificate as given at **Appendix 'F'** along with the application. Applicant should forward a location map of suitable scale having Latitudes and longitudes, clearly highlighting the proposed site, duly authenticated by Survey of India/Municipal Authority/relevant Govt agency along with the application.

CCZMs

10. Colour Coded Zoning Maps (CCZMs) have been formulated for all IAF aerodromes and handed over to Local Municipal Authorities (LMAs). Depending upon the colour coding in the specific area/zone, a large number of cases will be processed by LMAs only (without any need to forward application to Air Force Station), thus easing the procedures for approvals/clearances to Real Estate Projects only. However, local Air Force Stations will ensure that effective coordination is to be maintained with LMAs for obtaining details of cleared proposals. CCZMs of all Indian Air Force (IAF) airfields have been uploaded for all Airfields on IAF website www.indianairforce.nic.in>**Services>Air Traffic Services>CCZM**. The salient aspects of CCZMs are elaborated as given below:-

(a) The Maps are formulated based on Geo-referenced Grid of one minute by one minute (Latitude/Longitude) and cover an area of about 75 km x 75

km. Location of runway, Air Force boundary, Nav aids etc. have not been marked intentionally in the CCZMs owing to prevailing security reasons.

(b) Area in the center of CCZM of 4 Km radius around threshold of an IAF aerodrome is marked in Red. Nearby Danger areas/Ranges if any, are also marked in Red/Chequered pattern. For all proposed constructions falling in Red Grid/Zone, it shall be mandatory for an applicant, to submit application in specified format and obtain NOC from IAF as per existing procedures/guidelines.

(c) Area beyond 4 Km from threshold has been demarcated in various zones **with different Color Codings on the CCZM**. Local Municipal Authorities (LMAs) can approve any building/infrastructure plans only **up to maximum elevation specified in the respective zones as depicted on CCZM without referring the case to IAF**. However, in all such cases, LMA shall forward the applications (as per the existing formats) along with a copy of **LMAs approval letter to the Chief Operations Officer of the local IAF Station within 30 days of issuance of approval letter**. This is aimed at cross checking the clearances issued by LMAs and monitoring erection of new structures/buildings by the Stations and for updating of Obstruction Data and Nav Charts at IAF airfields.

(d) Under GSR 751 (E), the area marked in 'Green' is beyond 20 Km from Aerodrome Reference Point of an IAF airfield and is outside the purview for issuance of NOC by IAF. Hence, for any construction/proposal in areas marked in 'Green', the applications are not required to be processed for infrastructure **up to a max height of 150 m AGL above aerodrome elevation**. LMAs can approve the building plan **without NOC from IAF**, subject to other conditions mentioned in sub Para (c) above (copy of CCZM attached as Annexure for reference).

(e) As NDA is located close to Pune airfield and Ambala close to Chandigarh, airfield, CCZMs have been prepared together for NDA & Pune, and Ambala & Chandigarh. However, lower aerodrome elevation has been considered as reference datum for both airfields.

(f) Applications for all cases wherein the elevation of the proposed construction exceeds the maximum elevation mentioned for various Colour Coded Zones in the CCZMs will be submitted to IAF.

Time Frame For Processing of the Cases

11. IAF is responsive to the needs of citizens in terms of processing NOC cases expeditiously. With this in view, the time frames have been revised as given below:-

(a) **Power Projects/WTGs/Airports/Heliports:-** 60 working days.

(b) **Buildings (including Solar modules on Roof Top) & Transmission Lines.** 30 - 60 working days

Note 1. The time frames specified above do not include transit time between two agencies (time frames also do not cover the processing time at MoD to dispose the case). The time spent in correspondence towards seeking clarifications, additional and/or deficient information/documents and time taken by the applicant in furnishing his response shall also be excluded for the purpose of the time limit specified as above.

Note 2. Though the examination of a proposal should commence as soon as it is received, however it can only be concluded when the complete set of application has been received in prescribed format at Station level. The application must be closely scrutinized for completeness at the time of receipt by Station, Command HQ and Air HQ as the case may be. In case if it is found incomplete in **any respect, the case should not be registered and application returned promptly to the applicant under intimation to Comd.** While returning the application details of deficiency should be explained and reference to source of information given..

Issuance of NOC

12. NOC or intimation of non issuance of NOC will be dispatched to the applicant by competent authority through registered post. To expedite the receipt of the NOC by the applicant, a copy may be faxed to the applicant on request.

Validity of NOC

13. Considering inordinate delay involved in completion of most of the Power Projects the validity period of NOC has been revised by MoD as per details given below:-

(a) **Power Projects/WTGs/Transmission Lines/Airports/Heliports/Masts/ Factories/ Chimneys.** Validity period of seven years with one time extension of five years with total validity period of 12 years from date of issue of NOC.

(b) **Buildings/Structures.** Validity period for five years from date of issue of NOC.

(c) If the proposal, for which NOC has been issued, does not complete within 12 years/5 years as applicable, from date of issue of NOC or is found to be in deviation from the original proposal, the NOC shall be treated as cancelled and the applicant will be required to forward new proposal for issue of fresh NOC.

Monitoring

14. One of the conditions specified in the NOC requires applicant to notify the **commencement** and **completion** of the project to the concerned/nearest AF Station. Deviations observed should be taken up with local civil administration/LMA for corrective action with information to the Command HQ/Air HQ by local Stn authority. In case of any violation/breach is observed in terms and conditions of NOC issued, necessary action of cancellation of NOC will be initiated after giving adequate notice to the applicant.

15. Any queries regarding construction of Power Projects/WTGs/ Airports/Heliports/ Masts/Factories/Chimneys may be addressed to Air Headquarters on following address:-

NOC Cell
 D Ops (ATS), Room No. 314
 Air HQ (Vayu Bhawan)
 Rafi Marg, New Delhi-110011
 Telephone no.:- 011-23010231/23060231/Extn-5216
 (Query timings 1600-1700)

16. Queries regarding construction of Buildings and Transmission lines should be addressed to concerned Command Headquarters on under mentioned address:-

- (a) **Headquarters Western Air Command:**
 Command Air Traffic Control Officer
 Headquarters Western Air Command
 Subroto Park, New Delhi-110010
 Tele: 01125687194/Extn 7316 (Query Timings on Monday, Wednesday & Friday at 1300-1400 h and on Tuesday & Thursday at 1600-1700 h)
- (b) **Headquarters Eastern Air Command**
 Command Air Traffic Control Officer
 Headquarters Eastern Air Command
 Upper Shillong, East Khasi Hill, PO- Nonglyer
 Meghalaya-793009
 Tele: 03642561461Extn 7743 (Query Timings 1100-1200 h)
- (c) **Headquarters South Western Air Command**
 Command Air Traffic Control Officer
 Headquarters South Western Air Command
 Vayu Shakti Nagar (VSN), Chiloda
 Gandhinagar Pin- 382042
 Tele: 07923242600/Extn 5229 (Query Timings 1200-1300 h)
- (d) **Headquarters Central Air Command**
 Command Air Traffic Control Officer
 Headquarters Central Air Command
 Bamrauli, Allahabad, Pin-211012
 Tele: 05322580561/Extn 7742 (Query Timings 1000-1100 h)
- (e) **Headquarters Southern Air Command**
 Command Air Traffic Control Officer
 Headquarters Southern Air Command
 Akkulam, Trivandrum
 Pin-695011
 Tele: 04712551361/Extn 7744 (Query Timings 1200-1300 h)

- (f) **Headquarters Training Command**
Command Air Traffic Control Officer
Headquarters Training Air Command
JC Nagar Post, Bengaluru-560006
Tele: 08023411081/Extn 7742 (Query Timings 1100-1200 h)
- (g) **Headquarters Maintenance Command**
Air-I
Headquarters Maintenance Command
Vayu Sena Nagar, Nagpur.
Maharashtra, Pin-440007
Tele: 07122512771/Extn 7322 (Query Timings 1000-1100 h)

Appendix 'A'**APPLICATION FOR AERODROME/ HELIDROME APPROVAL**

(In four copies)

1.	(a) Name and Address of the Applicant for dispatch of NOC. (Pin code is mandatory) (b) Telephone Number (s) (mandatory). (c) Fax Number. (d) Email id.	
2.	Nationality of the Applicant.	
3.	(a) Location of the proposed aerodrome/helipad site along with distance and bearing from the nearest IAF aerodrome. (b) Latitude and Longitude of the place in six digits (WGS 84) (c) State / District in which proposed location is situated.	
4.	Name by which aerodrome is to be known in all future references.	
5.	Location map of suitable scale having Latitudes and Longitudes clearly highlighting the proposed site and duly authenticated by Survey of India/ Municipal Authority/ relevant Govt Agency must be enclosed. *Enclose topographical map of Survey of India 1:50000 scale, showing the areas and containing 30 Km radius of proposed site.	
6.	Type/category of aerodrome proposed to be constructed (ICAO Aerodrome Reference Code)	
7.	Length of runway and its surface. (Paved/unpaved)	
8.	Proposed runway orientation.	

9.	Elevation of the site.	
10.	Proposed navigational aids and other facilities.	
11.	Details of communication facilities, including VHF-RT, land lines, fax, etc.	
12.	Type of Air Traffic Services and watch hours.	
13.	Type of flight operations i.e. VFR/IFR and associated airspace requirements	
14.	Type of aircraft intended to use the aerodrome	
15.	Purpose of operation of aerodrome i.e. private/commercial.	
16.	Firefighting and Rescue services to be made available in terms of Airport Category	
17.	Availability of Medical facilities	
18.	Undertakings as applicable including Appendix 'E' on presence or likely presence of foreign nationals	

Certified that the information given above is correct to the best of my knowledge

Date:

Place:

Signature and Name of the Applicant

Note: Application, complete in all respects with all the certificates, maps (with respect to nearest Air Force Station / Unit), sketches and relevant undertakings (on ₹ 10/- stamp paper where applicable) should be submitted in four copies (Original and a copy to Air HQ, one copy to concerned Command HQ and Air Force Station). However for setting up of Greenfield Airports/Heliports, applicant will proceed as per relevant MoCA guidelines for construction of Greenfield airports/helipads, details of which are available on, MoCA website.

Appendix 'B'**APPLICATION FOR INSTALLATION OF POWER TRANSMISSION LINES AND CABLES AROUND IAF AERODROMES / INSTALLATIONS**

1.	(a) Name and Address of the Applicant for dispatch of NOC. (Pin code is mandatory) (b) Telephone Number(s) (mandatory) (c) Fax Number (d) Email id	
2.	Nationality of the Applicant.	
3.	(a) Height of each transmission tower. (b) Vertical section plan of structure. The details should include any attachments of any description such as lightening arresters etc located on top of super structure along with maximum height.	
4.	Six digit co-ordinates (Latitude/Longitude, WGS 84) and elevation of each site of the transmission tower and commencement and termination point of the transmission line.	
5.	The site marked and authenticated by Survey of India/ Municipal Authority/ relevant Govt Agency on a Suitable map having Latitudes and Longitudes and showing the full extent of the transmission line (from beginning to end).	
6.	Undertaking to comply with provisions of IS 5613 and / or ICAO Annex 14.	
7.	Undertakings as applicable including Appendix 'E' on presence or likely presence of foreign nationals.	
8.	Six digit co-ordinates (Latitude/Longitude) of the structure nearest from IAF establishment along with distance and direction.	

Certified that the information given above is correct to the best of my knowledge.

Date:

Place:

Signature and Name of the Applicant

Note: Application, complete in all respects with all the certificates, maps (with respect to nearest Air Force Station / Unit), sketches and relevant undertakings (on ₹ 10/- stamp paper as applicable) should be submitted in three copies. (Original and a copy to concerned Command HQs and One copy to nearest Air Force Station).

Appendix 'C'**PROFORMA FOR DETAILS OF CONSTRUCTION OF POWER PLANTS
BUILDINGS/FACTORY CHIMNEYS ETC AROUND IAF
AERODROMES/INSTALLATIONS**

1.	(a) Name and Address of the Applicant for dispatch of NOC. (Pin code is mandatory) (b) Telephone Number(s) (mandatory) (c) Fax Number (d) Email id	
2.	Nationality of the Applicant.	
3.	Location of site (including Khasra/Khatha/Survey No./Plot no.)	
4.	Co-ordinates of the site/building in Six digit figures of Latitude and longitude.	
5.	Name of the IAF Airport for which NOC pertains to with direction and distance from proposed site.	
6.	(a) Height of the structure. (b) Type of structure with vertical section plan. The height and structure details should include any attachments of any description such as lightning arresters etc located on top of super structure along with maximum height. (c) Max Height of crane above the proposed building during construction phase.	
7.	Location plan on a map of suitable scale having latitudes and longitudes and clearly highlighting the site of proposed structure and duly authenticated by Survey of India/ municipal authority/ relevant Govt agency must be enclosed.	
8.	Site Elevation (AMSL) duly authenticated by the Survey of India/CPWD/State PWD/Govt Approved Department or Agency where the building structure is proposed.	
9.	Elevation of the highest point of the proposed construction {Sl. No. 6(a)+8}	
10.	If the structure proposed is a factory/power house, type of fuel proposed to be used in the furnace is to be given.	
11.	Garbage / Waste disposal Plan {Provisions of Solid Waste Management Rules, 2016 / Gazette Notification SO 1357(E) (Para 4) or Environment (Protection) Act, 1986 including amendments shall be adhered to}	
12.	Undertakings as applicable including Appendix 'E' on presence or likely presence of foreigners.	

Certified that the information given above is correct to the best of my knowledge.

Date:

Place:

Signature and Name of the Applicant

Note: Application, complete in all respects with all the certificates, maps (with respect to nearest Air Force Station / Unit), sketches and relevant undertakings (on ₹ 10/- stamp paper as applicable) should be submitted in three copies. (Original and a copy to concerned Command HQs and One copy to nearest Air Force Station). **Power Projects/WTGs/Solar Power projects (except solar power modules at the top of building for domestic usage) shall be forwarded only through D (Coord) Section, 'B' Wing, Sena Bhawan, Ministry of Defence, New Delhi in the format given in Appendix 'C'. No application for Power Projects will be accepted directly by the Station/Command HQ/Air HQ (VB).**

FORM IA

UNDERTAKING

I/We _____ the applicant(s) for the proposed construction at _____ do hereby undertake.

(a) Not to complain/claim compensation against aircraft noise, vibrations, damages etc to me/us or to the occupants of the proposed construction due to aircraft operations at or in the vicinity of the airport.

(b) That no radio/television aerial, mast, lightning arresters, vent pipes, overhead water tanks or structures of any description will project on super structure, which are not indicated in the submitted drawings.

(c) Not to commence the proposed construction before grant of NOC.

(d) To render commencement certificate and completion (within the stipulated time) certificate to the IAF authority mentioned in the NOC as and when issued. I/We understand that failure on my/ our part to do so can lead to cancellation of NOC.

Applicant _____ Signature, Name and address of the

Signature, Name and address of 1st witness:
(1)

Date:
Place:

Signature, Name and address of 2nd witness:
(2)

Date:
Place:

FORM-IB

UNDERTAKING

I/We _____ do hereby undertake that I/We will only use oil fired, electric furnace or any other type of fuel in my/our factory/industrial unit that will not cause smoke hazard (Applicable to Industrial Units & Chimneys located within a radius of Eight Km of airport).

Applicant _____ Signature, Name and address of the

Signature, Name and address of 1st witness:

(1)

Date:

Place:

Signature, Name and address of 2nd witness:

(2)

Date:

Place:

UNDERTAKING

I/We _____ do hereby undertake to provide appropriate obstruction markings and lightings as specified in Chapter 6 of ICAO Annex 14 and IS 5613 as amended from time to time and shall follow such other additional measures/precautions/conditions including periodical maintenance/repairs as stipulated in the NOC.

Applicant _____ Signature, Name and address of the

Signature, Name and address of 1st witness:

(1)

Date:

Place:

Signature, Name and address of 2nd witness:

(2)

Date:

Place:

Appendix 'E'**DETAILS OF FOREIGN NATIONAL(S) EMPLOYED/LIKELY TO BE EMPLOYED
IN THE PROPOSED PROJECT**

S. No.	Name of foreign national	Nationality	Sex	Passport No
1.				
2.				

Date:

Place:

Applicant

Signature, Name and address of the

Note: A clear copy of the pages of the passport showing relevant details for each individual should be attached with the details mentioned above.

Appendix 'F'**CERTIFICATE**

1. I/We, _____ (Name/s), the applicant(s) for the proposed construction at _____ (full address of the project site) furnish following details with respect to the proposal submitted by me/us.

(a) Plot _____ no/Survey _____ no.

(b) Maximum Height (Meters) of the construction including super structure if any, above ground level_____.

(c) No _____ of _____ floors proposed_____.

(d) Shortest distance in meters between outer most part of the proposed construction and the nearest point of the perimeter of the IAF establishment_____.

(e) Shortest distance in meters between boundary of the proposed construction site and the nearest point of the perimeter of the IAF establishment_____.

(f) Layout Drawing by a registered architect showing in different colour codes, the relevant portion of IAF area, adjacent protected zone(s), relevant area of the proposed site, portion of proposed construction in protected zone, if any, along with dimensions of the proposed site and distance from the nearest point of perimeter of IAF establishment.

2. I/We also certify that information provided above is true to the best of my/our knowledge. In case it is found to be in error or in variance at a later date, the decision of Defence authorities including any restrictions shall be binding on me/us and I/we shall not contest the decision.

Signature(s)_____

Name(s)_____

Address(s) of the Applicant(s)

COUNTERSIGNED

(By Municipal Authority/Relevant Govt Authority)
With Office Seal