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कार्यालयीन उद्देश्य के सभी पत्रादि “मुख्य विस्फोटक नियंत्रक” के पदनाम से भेजे जाएं, उनके व्यक्तिगत नाम से नहीं ।

All communications intended for this Office should be addressed to the ‘Chief Controller of Explosives’ and NOT to him by name.



भारत सरकार

GOVERNMENT OF INDIA

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन

Petroleum and Explosives Safety Organisation

(पूर्व नाम- विस्फोटक विभाग)

(Formerly- Department of Explosives)

“ए” ब्लॉक, पाँचवा तल, केन्द्रीय कार्यालय परिसर,

“A” Block, 5th Floor, CGO Complex,

सेमीनरी हिल्स, नागपुर-440 006 (महा.)

Seminary Hills, Nagpur- 440006

संख्या/No. R.4(2)99/MHA/II

Nagpur dated 15th February, 2010

To,

All the Mines Manager/Occupiers.

(As per list Enclosed).

Sub: Security of the Explosives Magazines located in sensitive areas and guarded by CISF.

Dear Sirs,

Ministry of Home Affairs in a meeting held under the Chairmanship of Home Secretary, MHA on 21/10/2009 directed that structure of security provided to explosives magazine should be revised so that the CISF personnel are able to provide security effectively. Accordingly, DG, CISF has submitted a scheme of security structure at the magazine as well as points to be considered for selection of site of new explosives magazines from the security point of view.

A copy of guidelines for selection of site for new explosives magazines and the physical security measures recommended by DG, CISF for effective security of the magazines in sensitive areas is enclosed herewith as **Annexure**.

You are advised to provide security arrangements for the explosives magazines in sensitive areas as per the requirements/guidelines of CISF. Site for new explosives magazine shall be selected only after consultation with CISF.

Action taken in the matter may be informed to this office.

Yours faithfully,

Encl : As above.

Sd/-

(P.B. Yedla)

Chief Controller of Explosives

Guidelines for selection of site for new explosives magazines and the physical security measures of CISF personnel recommended by DG, CISF

(A) Guidelines for location of magazines:

- (i) The site should be at a dominating location from which unhindered all round observation can be effected preferably upto 500 mtrs.
- (ii) The site should be at a slightly higher elevation with the surrounding land sloping away.
- (iii) There should not be any hill feature or mound etc. from where the magazine site can be tactically dominated or observed.
- (iv) There should not be any public dwelling within an area of approx.500metres.
- (v) The area should be free from all sorts of vegetation which may obstruct view.
- (vi) If there are trees, the same should be preferably cut. In case, it is not possible, these should be pruned upto a height of 12feet to afford clear observation.
- (vii) There should be no public pathway or road within the area of approx. 500 mtrs. which allows free movement of public.
- (viii) There should ideally be more than one approach road to the magazine.
- (ix) The magazine site should be approachable from all sides so that in case the main approach road(s) are blocked with IED etc., the reinforcement can reach from other sides.
- (x) The magazine building and the morchas should be on the same plateau and no undulation should be there between morchas and the magazine which may hinder the observation of the magazine building from morchas.
- (xi) There should not be any farming/mining or other such activity which may allow unhindered human movement within an area of approx. of 500mtrs.
- (xii) There should not be any nallah or undulation in 500mtrs area around the magazine which can afford cover (from bullet as well as eye) to intruders.

(B) Physical security measures :

(a) Fencing:

- (i) There shall be three layers of fencing surrounding the complete complex of explosive magazine.
- (ii) First layer of fencing should be of 8 ft. height chain link fencing with another 2 ft. Y shape angle fitted with concertina coil on top. The fencing should be properly grouted on the ground to avoid lifting during intrusion.
- (iii) Second layer should be atleast double layer of concertina coil in pyramid shape. The coil should also be properly grouted on the ground to avoid any lifting.
- (iv) Third layer should be chain link fence of minimum 8ft. height.
- (v) Three meter area inside and outside of the respective fencing should be cemented to avoid wild growth of shrubs.

- (vi) Each fence should be provided with strong iron gates with a provision for a small wicket gate.
- (vii) All the gates should be of anti-scaling design.
- (viii) The two chain link fence gates should have sufficient space between both to accommodate one explosives laden vehicle.
- (ix) Both these fences should be provided with separate manually operated strong gates with anti-scaling design.
- (x) One track should be constructed for patrolling along the inner fence.

(b) Lights:

- (i) Adequate lights facing outward should be provided all around the magazine to light the complete area. These should be connected with underground wiring.
- (ii) A soundless generator having sufficient capacity should be provided with an auto start switch.
- (iii) Generator should back up all the important light fittings.
- (iv) The generator should be protected by a concrete wall having 6x6 slanting slits to provide proper air circulation and also to safeguard the generator from direct firing.
- (v) Proper fire fighting arrangements should be provided.
- (vi) An underground water tank should be constructed near the magazine that should be connected by a pump and hoses to extinguish the fire.

(c) Watch Tower:

- (i) RCC watch tower of around 30 feet height should be constructed which can sustain firing and grenade attacks.
- (ii) Windows provided should open outwards and should have steel net to avoid any grenade/ petrol bomb coming inside at the time of attack.
- (iii) Door should be made of double iron sheet and made in such a way to prevent entry of bullets.
- (iv) Watchtower should have internally operated rotating searchlights.

(d) Morchas:

- (i) Atleast 6-8 morchas should be constructed and morchas connected by trenches with each other and living barracks.
- (ii) All morchas should have space for being manned by atleast two personnel.
- (iii) All these morchas should be located approx. 15ft. away from the inner most fencing to prevent sneak attacks at night.

(e) Barracks:

- (i) Concrete barracks with proper iron doors should be constructed. Doors should prevent entry of bullets.
- (ii) Staircase should be constructed from inside to approach rooftop.
- (iii) 'U' shape concrete wall to be constructed in front of the door to avoid any direct firing.
- (iv) Barrack should be provided with all amenities like water, lights, fans, toilets etc.
- (v) A minimum of two concrete morchas should be constructed on the roof of each barrack.

(f) Infrastructure:

- (i) The watchtower will also function as the Central Command Post and should be sited accordingly.
- (ii) Watch tower should have facility for accommodating 6 duty personnel to stay for 24 hours.
- (iii) Toilets should be constructed at the ground floor.
- (iv) Living place inside the CCP should also have firing slits at the height of 1.5mtrs from the base to enable the personnel to fire all round from the CCP.
- (v) Arrangement should be made to protect the sentry on the top from rain, sun and water. All weather type roof should be constructed providing all round visibility.