

No. IV-17017/13/06-Prov.I
Bharat Sarkar/Government of India
Griha Mantralaya/Ministry of Home Affairs
PM Division/Prov. I Desk

26, Man Singh Road, Jaisalmer House
New Delhi, Dated : 15th April, 2014

To,

DsG : AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

Subject : Trial Directives for Bomb Inhibitor.

The Trial Directives in respect of Bomb Inhibitor as per the Annexure have been accepted by the Competent Authority in MHA

2. Henceforth, all the CAPFs should trial evaluate the above items strictly as per the laid down Trial Directive and Technical Specifications/QRs issued vide letter of even number dated 7.08.2006.

Yours faithfully,



(Smt. S. B. Nanda)

Under Secretary to the Govt. of India

Tel : 23381278

Encl : As above.

Copy forwarded to : SO (IT), MHA with the request to host the Trial Directives of Bomb Inhibitor (being sent through email separately) on the MHA website (under the page of Organizational Set up-Police Modernization Division- Qualitative Requirements) along with QRs for Bomb Inhibitor.



(R K Soni)

Section Officer (Prov.I)

Copy to : DDG(Procurement), MHA.

TRIAL DIRECTIVES OF BOMB INHIBITOR

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Ser No	Qualitative Requirements	Trial Directives
	(MHA Letter No – IV-17017/13/06- Prov.I dt 7 Aug 2006)	
1.	Construction of Bomb Inhibitor could be either single piece or modular type of assembling	To be physically checked by the Board of Officers.
2.	Should be portable by maximum two men and easy to install	To be physically checked by the Board of Officers.
3.	Should have strong and comfortable handles for lifting	To be physically checked by the Board of Officers.
4.	Should be able to reduce blast damage upto 80% minimum	(a) Wooden ply (6 mm) would be arranged in U shape.
5.	Should be able to reduce fragmentation damage upto 80% minimum.	(b) Four clothed Fig 11 tgt of dummies will be placed at the edges.
6.	Capable of eliminating fire risk upto 80% minimum	(c) An expl device containing 1.5 Kg expl will be placed on concrete/brick floor at a distance of approx 2 Mtrs in the open end side of U shape.
		(d) The device will be initiated w/o bomb Inhibitor and post blast damage will be assessed.
		(e) Subsequently same blast will be initiated with Bomb Inhibitor placed on the expl device and damage will be assessed.

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TRIAL DIRECTIVES OF BOMB INHIBITOR

Ser No	Qualitative Requirements	Trial Directives
	(MHA Letter No – IV-17017/13/06-Prov.I dt 7 Aug 2006)	
7.	Able to contain blast effect of minimum 1.5 Kgs of explosive (RDX/TNT).	Certificate from a National/International accredited lab to be provided by the firm. The same to be checked by the Board of Officers. The parameter will also be checked at TBRL by using one of the tender samples provided by the firm.
8.	Able to retain shrapnel's for investigation.	To be physically checked by the Board of Officers during trial once the trial directive as listed at Ser No-7 above has been carried out. For shrapnels, 250 gms of nails of different sizes will be used.
9.	Able to retain forensic evidence	To be physically checked by the Board of Officers during trial once the trial directive as listed at Ser No-7 & 8 above has been carried out.
10.	Permit taking X-Ray of device even through the inhibitor.	To be physically checked by the Board of Officers by using RTVS.
11.	Permit –effective firing of disruptor through the inhibitor.	To be physically checked by the Board of Officers.
12.	Should allow sniffer dogs to sniff.	To be physically checked by the Board of Officers.
13.	Firm should be able to provide 02 x items for trials.	The firm/ OEM will tender the samples along with certificate from a national / international lab certifying the compliance of the Bomb Inhibitor to the Qualitative Requirements. To be physically checked by the Board of Officers.

W.L.
COL NAVIN VARMA
GIC FOS, NSG

Kishu Shan
MAJ RISHI SHARMA
BD UNIT, NSG

ACKED
ACKED RAJAT SHARMA
22nd Bn, ITRP

[Signature]

Rupen
Rajesh Dahiya
CISF, DPH
[Signature]
Jaspal Singh
SSR Fore Hg
[Signature]
Major Ranjan
NSG

[Signature]
Approved / Not approved
[Signature]
18-6-17
(Arvind Ranjan)
DG NSG

W.L.
Captain Vijay Chaudhary
SI SAG
[Signature]
M.S. UPADHYAY DTC
DTE - CRPF
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SH DN LAL
GC (MOR), NSG
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SH SUJEET KR, DTC
Prov Dte, BSF HQS