

महानिदेशालय, राष्ट्रीय सुरक्षा गारद
भारत सरकार (गृह मंत्रालय)
सम्भरण शाखा/आयुद्ध अनुभाग
मेहराम नगर, पालम,
नई दिल्ली- 110037
फैक्स नम्बर- 011-25663258/
25671639



Directorate General National Security Guard
Govt. of India/Ministry of Home Affairs
(Provisioning Branch/Ord Section)
Mehram Nagar, Palam,
New Delhi-110037
Fax No. 011-25663258/25671639

सं०:पी/604/2024/गृह मंत्रालय पत्रा०/सम्भरण(ऑर्ड) मु०रा०सु०गा०/848 दिनांक: 7 फरवरी 2025

अनुभाग अधिकारी
आई०टी०सेल, गृह मंत्रालय
एन०आई०सी०, नार्थ ब्लॉक
नई दिल्ली
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सी०ए०पी०एफ० द्वारा हथियार एवं एम्यूनेशन खरीद करते समय एन०ए०बी०एल/अन्तराष्ट्रीय लैब प्रमाणपत्र के सम्बन्ध में हो रही कठिनाईयों को दूर करने के लिये गुणात्मक आवश्यकता (क्यू०आर०) और परीक्षण निर्देशों (टी०डी०) के विषय पर उप समुह द्वारा प्रस्तुत बोर्ड प्रोसिडिंग को गृह मंत्रालय की वेबसाइट पर डालने बावत ।

1. Kindly refer MHA (PM Division) OM No. IV-24011/12/2011-Prov.I dated 05 Oct 2016, Letter No. IV-24011/12/2011-Prov.I dated 13 Jun 2012 and 11012/02/2009-Fin-I/Prov-I-17 dated 02 Jan 2018.
2. In compliance to MHA (PM Division) OM No. IV-13018/13/2024/Prov-II-388 dated 23rd Oct 2024 and IV-13018/13/2024/Prov-II-403 dated 14th Nov 2024, a meeting of BOOs was held on 24th Dec 2024 to discuss the issues faced by CAPFs for procurement of Arms & Ammunitions seeking NABL/ International Lab certificates against certain QRs/TDs of Small Arms in consultation with vendors/firms.
3. In this regard, the board proceedings incorporating the changes proposed in Trial Directives of Small Arms (i.e. 9mm Pistol, 9x19mm Carbine, Concealable 9 x 19mm Carbine and Sniper Rifle (Bolt Action) etc.) as recommended by Board of Officers is enclosed herewith for uploading in MHA website for vendor comments.
4. Submitted for your information and further necessary action please.

Encl: As above


(अखिलेश कुमार तिवारी)
ग्रुप कमाण्डर(कय)
फोन संख्या-25663100
ई०मेल - gcproc@nsg.gov.in

Copy to: -

IT Cell, HQ NSG - Copy of subject board proceedings are enclosed herewith for uploading in NSG website for inviting vendor's comments.

IN LIEU OF IAFD-931

Proceeding of : Board of Officers
Assembled at : HQ NSG, Palam, New Delhi
On the day of : 24th Dec 2024
By the order of : HQ NSG letter No P/604/389/24/Misc/
A&A/E-105011/Prov(Ord)/HQ NSG/5978
dated 20th Dec 2024.
For the purpose of : To discuss the issues faced by CAPFs for
procurement of Arms & Ammunitions
seeking NABL/ International Lab certificates
against certain QRs/ TDs of Small Arms in
consultation with vendors/ firms.

BOARD OF OFFICERS

Presiding Officer : Princee Rani, IPS, IG (Prov), HQ NSG
Members :
1. : Sh. Rahul R Nair, IPS, DIG (Prov), HQ NSG
2. : Sh. Ajay Dahiya, DIG, CISF
3. : Sh. A K Tiwari, GC (Proc), HQ NSG
4. : Lt Col Sumit Kumar, WE Br, HQ NSG
5. : Sh. Sohel Liyakat, AC, CRPF
6. : Insp/Armr Ashok Kumar, ITBP
7. : Insp/Armr Gour Sundar Saha, SSB
8. : SI/Armr Arjaul Islam, BSF
9. : Nb Sub R.D Ansari, Assam Rifles
Co-opted member : Col Atul Chopra (Retd), BPR&D

1. The board had assembled to discuss the issues faced in CAPFs for procurement of Arms & Ammunition seeking NABL/ International Lab Certificate against certain QRs of Small Arms (i.e 9mm Pistol, 9x19mm Carbine, Concealable 9x19mm Carbine and Sniper Rifle (Bolt Action) etc). A detailed discussion of inter-CAPFs sub group and vendors took place to address the issue of certificates sought as TDs.

2. Representatives of the following firms attended the meeting:-

Sl.No	Name of Firm	Remarks
(a)	M/s Rotax Electronics (Pvt) Ltd	Attended
(b)	M/s Icomm Tele Ltd	Attended
(c)	M/s Defind Enterprises Pvt Ltd	Attended
(d)	M/s Stumpp Schuele Lewis Machine Tools Pvt Ltd	Through VC
(e)	M/s Jindal Defence systems Private Limited	Through VC
(f)	M/s Neco Desert Tech	Through VC
(g)	RFI, Ishapore	Through VC

3. Following issues were received from MHA for comments of NSG:-

(a) MHA (PM Division) vide OM No IV-13018/13/2024/Prov-II-403 dated 14th Nov 2024 had asked for para wise comments on issues related to QRs of 9x19mm Pistol, faced while participating in tenders/RFPs in CAPFs (ITBP & SSB) for procurement of Arms & Ammunition raised by M/s Stumpp Schuele Lewis Machine Tools Pvt Ltd (SSLMT) seeking NABL/ International Lab Certificate for following parameters :-

- | | | |
|-------|------------------------------------|-------------------------|
| (i) | Muzzle velocity | : 375 meters per second |
| (ii) | Rate of fire | : 800 rounds per minute |
| (iii) | Environmental operating conditions | : -40°C to +55°C |
| (iv) | Storage temperature | : -40°C to +70°C |
| (v) | Humidity | : 95% RH at 25°C |
| (vi) | Barrel life | : 15,000 rounds |

(b) MHA (PM Division) vide OM No IV-13018/13/2024/Prov-II-388 dated 23rd Oct 2024 asked clarification on issues raised by M/s Jindal Defence Systems Private Limited about change of QRs and TDs of Small Arms (i.e 9mm Pistol, 9x19mm Carbine, Concealable 9x19mm Carbine and Sniper Rifle (Bolt Action) etc).

4. ITBP informed that they are facing problems in procurement of small arms due to condition of accreditation from NABL certificate labs for various parameters like muzzle velocity test etc. in the Tenders. ITBP suggested to amend the condition of NABL certification in the QRs and TDs of small Arms framed by NSG.

5. In this regard, HQ NSG had approached vide letter No. P/604/2024/389/Misc/Prov(Ord)/HQ NSG/5426 dated 25th Nov 2024 to the following agencies asking if they have the capability of carrying out subject testing & if they provide certification regarding same: -

- (a) TBRL
- (b) NFSU
- (c) DLIC, DRDO
- (d) NABL

6. In this regard, National Forensic Sciences University (NFSU) has intimated that out of Six (06) tests NFSU can conduct all the test except Barrel life test.

7. In view of above, a clarification may be provided w.r.t. Trial Directives of 06 parameters of QRs and TDs of small Arms.

(a) Muzzle velocity, Rate of fire, Environmental operating conditions, Storage temperature and Humidity

Sl. No	Name of Small Arms	Parameter	QRs	TDs Read For	TDs Read as
(i)	9mm Pistol	Muzzle velocity	-	-	-
		Rate of fire	-	-	-
		Environmental operating conditions	- 30 Deg C to + 50 Deg C.	OEM to provide certificate from national/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	(aa) OEM to provide certificate from any NABL accredited lab/ NFSU/ DRDO Labs/ DGQA/ any Govt. lab/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.
		Storage temperature	- 30 Deg C to + 70 Deg C	OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	(ab) The certificate will remain valid for 03 years from the date of its issue. The testing of weapon for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by the tendering agency during STEC, if required.
		Humidity	-	-	-
(ii)	9x19mm Carbine	Muzzle velocity	375±10m/s	OEM to provide certificate from national/International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	(aa) OEM to provide certificate from any NABL accredited lab/ NFSU/ DRDO Labs/ DGQA/ any Govt. lab/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.
		Rate of fire	800 rounds per minute cyclic rate of fire.		
		Environmental operating conditions	- 40 Deg C to + 55 Deg C.		
		Storage temperature	- 40 Deg C to + 70 Deg C		
		Humidity	95% RH at 25 Deg C		(ab) The certificate will remain valid for 03 years from the date of its issue. The testing of weapon for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by the tendering agency during STEC, if required.

Sl. No	Name of Small Arms	Parameter	QRs	TDs Read For	TDs Read as
(iii)	Concealable 9x19mm Carbine SMG	Muzzle velocity	Not less than 375 m/s	OEM to provide certificate from national/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	(aa) OEM to provide certificate from any NABL accredited lab/ NFSU/ DRDO Labs/ DGQA/ any Govt. lab/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO. (ab) The certificate will remain valid for 03 years from the date of its issue. The testing of weapon for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by the tendering agency during STEC, if required.
		Rate of fire	Not less than 600 Rounds pp/m cyclic rate of fire		
		Environmental operating conditions	-35 Deg C to + 55 Deg C		
		Storage temperature	-35 Deg C to +55 Deg C		
		Humidity	65% RH at 25 Deg C.		
(iv)	Sniper Rifle (Bolt Action)	Muzzle velocity	-	-	-
		Rate of fire	-	-	-
		Environmental operating conditions	-30 Deg C to + 55 Deg C	OEM to provide certificate from national/Intern ational accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	(aa) OEM to provide certificate from any NABL accredited lab/ NFSU/ DRDO Labs/ DGQA/ any Govt. lab/ International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO. (ab) The certificate will remain valid for 03 years from the date of its issue. The testing of weapon for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by the tendering agency during STEC, if required.
		Storage temperature	-30 Deg C to +55 Deg C		
		Humidity	95% RH at 25 Deg C.		


(b) Barrel Life

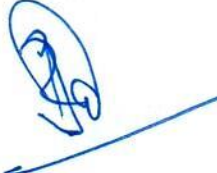
Sl. No	Name of Small Arms	Parameter	QRs	TDs Read For	TDs Read as
(i)	9mm Pistol	Life cycles	15 years for weapon & barrel life minimum 20000 rounds	OEM to provide certificate from national/International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	OEM to provide certificate confirming life of barrel. Explicit warranty of barrel to be provided by the OEM covering the entire barrel life as per QR.
(ii)	9x19mm Carbine	Barrel life	Barrel life of Weapon should be of minimum 15000 rounds		

SI. No	Name of Small Arms	Parameter	QRs	TDs Read For	TDs Read as
(iii)	Concealable 9x19mm Carbine SMG	Life	Barrel life of Weapon should be minimum 15000 rounds or weapon life 15 years which ever is earlier	OEM to provide certificate from national/International accredited lab. OEM to provide contact person details, phone number, address, email address & website of lab. Authenticity of certificate must be confirmed by the BoO.	OEM to provide certificate confirming life of barrel. Explicit warranty of barrel to be provided by the OEM covering the entire barrel life as per QR.


RECOMMENDATION OF BOARD OF OFFICERS

It is recommended that these clarifications made by BOO after detailed discussion in Trial Directives of Small Arms (i.e 9mm Pistol, 9x19mm Carbine, Concealable 9x19mm Carbine and Sniper Rifle (Bolt Action) etc) on queries raised by various OEM & CAPFs may be uploaded on MHA & NSG websites for 15 days to invite vendor's comments/ suggestion.


 (Princee Rani), IPS
 IG (Prov), HQ NSG



 (Rahul R Nair) IPS,
 DIG (Prov), HQ NSG

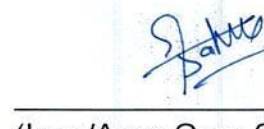

 (Ajay Dahiya) DIG,
 CISF



 (A.K Tiwari)
 GC (Proc), HQ NSG



 (Sohail Liyakat) AC
 CRPF

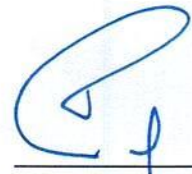

 (Lt Col Sumit Kumar)
 WE Br, HQ NSG


 (Insp/Armr Ashok
 Kumar), ITBP


 (Insp/Armr Gour Sundar
 Saha), SSB


 (SI/Armr Arjaul Islam)
 BSF


 (Nb Sub R.D Ansari)
 Assam Rifles


 (Col Atul Chopra (Retd.)
 BPR&D