

Government of India  
Ministry of Home Affairs  
**Directorate General National Security Guard**  
(Provisioning Branch/Ord Section)  
Mehram Nagar, Palam, New Delhi – 110 037  
Fax No. 011-25663258/25671639

No. P/604/19(389)/MOS/Prov (Ord)/NSG/33<sup>83</sup> Dated, the 30 Sep 2020

**QUALITATIVE REQUIREMENTS (QRs) AND TRIAL DIRECTIVES (TDs)**  
**OF MODULAR OPTICAL SIGHT FOR PISTOL.**

1. The QRs and TDs in respect of **Modular Optical Sight for Pistol** as per annex respectively has been approved by the competent authority are forwarded herewith.
2. For your information and further necessary action please.




(Rakesh Kumar)  
Group Commander (Proc)


**Distribution:-**

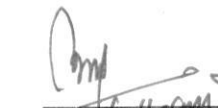
1. JS (PM), MHA, Jaisalmer House, New Delhi - for information please.
2. IG/ Director (R&D), BPR&D, 4th Floor, Block No 11, CGO Complex, New Delhi.
3. DIG (Prov), CRPF, CGO Complex, New Delhi.
4. DIG (Prov), CISF, CGO Complex, New Delhi.
5. DIG (Prov), ITBP, CGO Complex, New
6. DIG (Prov), SSB, R.K. Puram, New Delhi.
7. DIG (Prov), BSF, CGO Complex, New Delhi
8. DIG (Prov), Assam Rifles (Through LOAR)
9. Ops (WE), HQ NSG

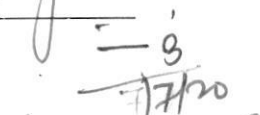
QRs/TDs OF MODULAR OPTICAL SIGHT FOR PISTOL

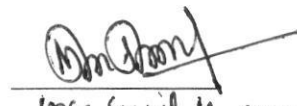
Ser No.	Parameters	QRs	Trial Directives
1.	Weight	Weight should not be more than 35gm (without battery).	BOOs should physically check the weight of the sight.
2.	Casing/ Body	Body of the modular sight should be ruggedized & made of nonmagnetic and non-reflective material.	OEM to provide a certificate that the casing is ruggedized & made of nonmagnetic and non-reflective material. BOOs to check the relevant certificates provided by the OEM
3.	Brightness Setting	Manual Setting	The modular sight must provide brightness with the change of ambient light. BOOs should physically check the parameters.
4.	Sealing	Fog proof	OEM to provide a certificate of conformance. BOOs to check the relevant certificates provided by the OEM.
5.	Compatibility	The sight must be compatible for use with suitable mounting arrangements on all variants of Glock 17, Glock 19 & Glock 26	BOOs to carry out firing. The sight must produce desired results in firing and handling with all three variants of Glock pistol.
6.	Eye Relief	Unlimited	The firer must be able to fire comfortably and with high accuracy.
7.	Functional modes	Adjustable Brightness "On & OFF".	Function mode must be Minimum two modes for day and night. BOOs should physically check the modes
8.	Optical Surface	The optical surface must have an anti-glare coating	OEM to provide a certificate of conformance. The product must have the required attribute. BOOs should physically check the optical surface and the certificates

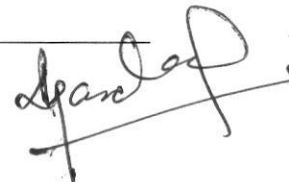
  
Lt Col Harish Chandra  
AR

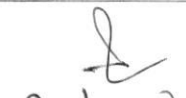
  
N/101/1/1/tech (AR)  
SURESH KUMAR  
AR Sqn


  
Lt Col Shakti  
AR Sqn

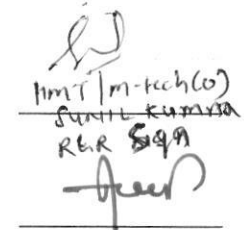
  
Sunil Kumar  
AR Sqn

  
Insp Sunil M, SIW BSA

  
Rajesh K P Sharma  
SSB, C to A


  
Rajesh K P Sharma  
SSB, C to A


  
Maj Anil  
NSH (HQB) WIP


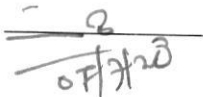
  
A.K. SINGH  
DG CNSG

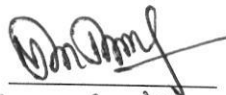
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Ser No.	Parameters	QRs	Trial Directives
9.	Window Material	Shatter Resistant Laminate/ Tampered.	BOOs should physically check the parameters by dropping the sight with pistol from 3 meters height on 150mm thick sand bed of 5% of total consignment received.
10.	Waterproof	The sight should comply to IP67 standard.	OEM to provide a NABL certificate. BOOs to physically check the certificates.
11.	Operational Temperature	-30 °C to +50 °C.	OEM to provide a NABL certificate. BOOs to physically check the certificates
12.	Finish	It should have hard-anodized(HA)Finish treatment (colour to be specified by the user at the time of tender)	OEM to provide a NABL certificate. BOOs to physically check the certificates
13.	Battery Life	Minimum Four Years	OEM to provide a certificate. BOOs to physically check the certificates.
14.	Magnification	01X magnification	BOOs to physically check the parameters.
15.	parallax	Sight should be parallax free till effective range of weapon	BOOs to physically check the parameters.
16.	Adjustment Range	Maximum 6 MOA	OEM to provide a certificate. BOOs to physically check the certificates.
17.	Zeroing	The procedure for zeroing must be easy and quick.	Once the sight is zeroed for a particular firer and pistol, the sight must not deviate from its set zeroed position even after multiple uses.


  
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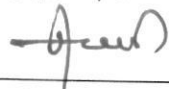
  
Major Subram Teekun  
SURESH KUMAR  
RTR Sqn

  
Sunil Kumar  
Asst. Gndt/GR  
  
  
Sunil Kumar  
Asst. Gndt/GR

  
Inspector, Sumit M, SIV BSA


  
Asst/COMD RAJESH R  
SHARMA  
SSB, CIOA


  
Major Subram Teekun (opto)  
SUNIL KUMAR  
RTR Sqn


  
A.K. SINGH


QRs/TDs OF MODULAR OPTICAL SIGHTFOR PISTOL

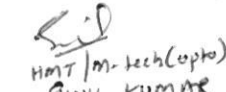
Ser No	Parameters	QRs	Trial Directives
18.	Sight window	Should not be greater than 22mm x 16mm	OEM to provide a certificate. BOOs to physically check the certificates and sight.
19.	Recoil resistance	Should not be less than 1000 G.	OEM to provide a NABL certificate. BOOs to physically check the certificates.
20.	Accessories	The sight must be easy to carry and separate pouch must be provided by the vendor.	BOOs to physically check the accessories.


  
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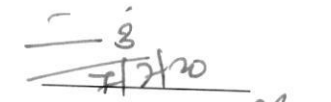
  
Asst. Comd (AR)

  
17SP, Sunil M Sin BSP

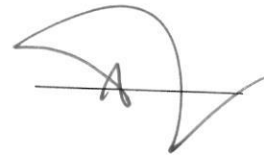
  
Asst Comd RAJESH KR  
SHARMA  
SSB, C to A.

  
HMT / m-tech (opto)  
SUNIL KUMAR  
AR R Sem


  
M6 (m) m-tech (opto)  
SURESH KUMAR  
AR R Sem

  
SUNIL KUMAR  
Asst. Comd / CWF

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(AK Singh)  
DIRECTOR GENERAL  
NSG