

10/5/15

05 AUG 2015

Handwritten signatures and initials: DG, M, B, IG (Prov), D/G (Prov), To

F. No. IV-13018/2/2015-Prov. II 1478
Bharat Sarkar/Government of India
Grihas Mantralaya/Ministry of Home Affairs
PM Division/Prov. II

26, Man Singh Road, Jaisalmer House,
New Delhi, Dated: 28 July, 2015

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

Subject :- QRs and TDs of Multi Grenade Launcher (MGL) 40 mm.

The QRs and Trial Directives of Multi Grenade Launcher (MGL) 40 mm (as per Annexure) have been accepted by the competent authority in MHA subject to condition that no deviation will be made from the proposed QRs and Trial Directives without the permission of MHA.

2. Henceforth, all the CAPFs should procure the above item strictly as per the laid down Technical Specifications/QRs.

3. CAPFs concerned will be accountable for correctness of the QRs and TDs.

Encl: A/a

Yours Faithfully,

Signature

(P. K. Srivastava)

Under Secretary to the Govt. of India
Tele/Fax: 2338 1278

Copy forwarded for necessary action to:-

The Section Officer (IT), MHA: it is requested to host the QRs (soft copy attached) on the MHA website (under the page of Organizational set up- Police Modernization Division- QRs under A & A items)

Rma.
28/7/15

(Ritesh Kumar)

Section Officer (Prov. II)

Tel No: 2338 6034

Copy to:- DDG (Procurement), MHA, Jaisalmer House

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8/78 - update
- Copy to Ops (WE).

NGO... 2352
DATE 24/8/15

IG (Prov) Secretariat
No. 914
Date 4/8/15

REVISED QRs OF MGL 40mm

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Ser No	Parameter	Specification
1	Calibre	40 mm.
2	No. of Chambers	Not less than Six.
3	Effective Range	Not less than 400 Meters.
4	Type of Fire	Single shot and semi-automatic fire.
5	Practical Rate of Fire	Not less than 20 rounds per minute.
6	Weight without ammunition	Not more than 5.5 Kgs.
7	Length (Stock Closed)	Maximum 570mm.
8	Length (Stock Open)	Maximum 780mm.
9	Muzzle Velocity	Minimum 76±3 m/s.
10	Safety	(i) Applied and mechanical. (ii) Applied safety to be ambidextrous.
11	Sighting System	Collimated Reflex sighting system with night vision compatibility.
12	Operating and storage Temperature	-45 to +55 degree Celsius and RH upto 98%.
13	Robustness	To comply with MIL STD 810 G.
14	Compatibility with Ammunition	Standard Low Velocity 40 x 46mm lethal/non lethal ammunition.
15	Life of Barrel	Not less than 5000 rounds.
16	Maintenance and Operability	(i) Easy to maintain and should not corrode when exposed to rain and humidity. (ii) Field Stripping and assembling of the system to be done without use of any special tool.

Ashish Randan
ASHISH RANDAN
DC, CRPF

Umesh Chandel
(Umesh Chandel)
ASST DIR (SA)

Chyile Chawma
(Chyile Chawma)
SCA (M)

CAJENDER
SI - NSG - SWS

Agil Kalra
Agil Kalra Sr / NSG SWS

S. Saehdewa
(S. Saehdewa)
DCL (ADM)
ASST

Satinder Singh
(Satinder Singh)
AC ITNSP

Harjinder Kumar
(Harjinder Kumar)
Del BSR

Ashish Mohanty
Maj Ashish Mohanty
TC WE, HQ NSG

S. Saehdewa
Maj S. Saehdewa
SC (Ord), HQ NSG.

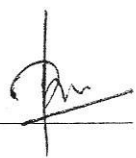
APPROVED / NOT APPROVED

(R C Tayal)
DG, NSG

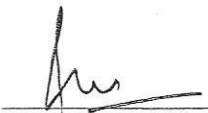
TRIAL DIRECTIVE OF MGL 40mm

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Ser No	Parameter	Specification	Trial Directive
1.	Calibre	40 mm.	(a) Firm/Vendor to provide certificate confirming the Calibre of the weapon. Certificate to be checked by the BOO. (b) The BOO will also physically check the calibre of the weapon with the help of Tools and Gauges.
2.	No. of Chambers	Not less than Six.	To be physically checked by the BOO.
3.	Effective Range	Minimum 400 Meters.	Test firing will be carried out by using 40 x 46mm standard HE Low Velocity ammunition. OEM to provide 200 rounds.
4.	Type of Fire	Single shot and Semi-Automatic.	The BOO to check this aspect by carrying out physically firing of six rounds.
5.	Practical Rate of Fire	Not less than 20 rounds per minute.	To be confirmed by the BOO by carrying out test firing from the weapon. The MGL should be able to fire not less than 20 rounds in one minute including the time required for reloading.
6.	Weight without ammunition	Maximum weight 5.5 Kgs.	To be physically checked by the BOO.
7.	Length (Stock Closed)	Maximum 570mm.	To be physically checked by the BOO.
8.	Length (Stock Open)	Maximum 780mm.	To be physically checked by the BOO.
9.	Muzzle Velocity	Minimum 76 \pm 3 m/s.	OEM/Firm to provide laboratory test report confirming the Muzzle Velocity from a laboratory accredited in terms of ISO/IEC 17025 for the relevant services by an Accreditation Body which is member of the International Laboratory Accreditation Cooperation (ILAC) Arrangement. To be also physically checked by BOO in a government approved laboratory.









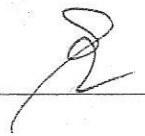

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TRIAL DIRECTIVE OF MGL 40mm (Contd....)

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Ser No	Parameter	Specification	Trial Directive
10.	Safety	(i) Applied and mechanical. (ii) Applied safety to be ambidextrous.	To be physically checked by the BOO.
11.	Sighting System	Collimated Reflex sighting system with night vision compatibility.	To be physically checked by the BOO.
12.	Operating and storage Temperature	-45 to +55 degree Celsius and RH upto 98%.	OEM to provide a certificate to the effect from a national/ international accredited laboratory.
13.	Robustness	To comply with MIL STD 810 G.	OEM to provide a certificate to the effect from a national/ international accredited laboratory. However, the following tests will be carried out by the BOO as per the guidelines of TOP 3-02-035 :- (a) Drop Test. (b) Mud Test. (c) Water Immersion Test.
14.	Compatibility with Ammunition	Standard Low Velocity 40 x 46mm lethal/non lethal ammunition.	OEM to provide a certificate to the effect from a national/ international accredited laboratory.
15.	Life of Barrel	Not less than 5000 rounds.	OEM to provide a certificate to the effect from a national/ international accredited laboratory.
16.	Maintenance and Operability	(i) Easy to maintain and should not corrode when exposed to rain and humidity. (ii) Field Stripping and assembling of the system to be done without use of any special tool.	(a) OEM to provide a certificate to the effect from a national/ international accredited laboratory. (b) Stripping and assembling to be physically checked by BOO.

[Signature]
ASHISH KANUNJAN
DE, CRPF

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(Umesh Chaudhary)
Asstt Dir (SI)

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✓ APPROVED / NOT APPROVED

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