

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/604/18(389)/40MM UBGL/Prov (Ord)/NSG

Dated, the 04 Dec 2018

**QUALITATIVE REQUIREMENTS (QRs) AND TRIAL DIRECTIVES (TDs) OF UNDER  
BARREL GRENADE LAUNCHER (UBGL) 40MM AMMUNITION**

1. The QRs and TDs in respect of **Under Barrel Grenade Launcher (UBGL) 40MM Ammunition** as per Annex-I and Annex-II respectively have been approved by the competent authority are forwarded herewith.
2. For your information and further necessary action please.



(Rakesh Kumar)  
Group Commander (Proc)

**Distribution:-**

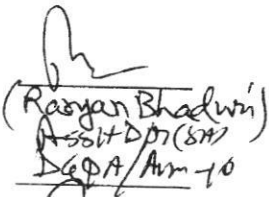
1. JS (PM), MHA, Jaisalmer House, New Delhi - for information please.
2. IG/ Director (R&D), BPR&D, 4th Floor, Block No 11, CGO Complex, New Delhi.
3. DIG (Prov), CRPF, CGO Complex, New Delhi.
4. DIG (Prov), CISF, CGO Complex, New Delhi.
5. DIG (Prov), ITBP, CGO Complex, New
6. DIG (Prov), SSB, R.K.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

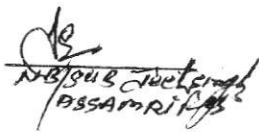


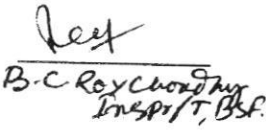


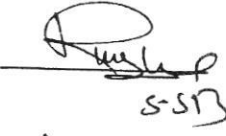
**REVISED QRs OF ROUND (GRENADE) 40 MM HE**

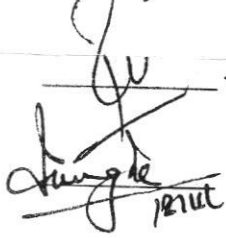
Ser No	Parameter	Specification
20	<p><b>The following minimum information will be supplied in English language by the manufacturer :-</b></p> <p>(a) Frequency of Inspection be clearly mentioned.</p> <p>(b) Parameters for Visual Inspection, Static Proof &amp; Dynamic Proof.</p> <p>(c) Parameters for declaring the ammunition as serviceable, unserviceable and repairable.</p> <p>(d) Instructions for breakdown of ammunition (if any) &amp; method of disposal.</p> <p>(e) Instructions for storage of ammunition.</p> <p>(f) Instructions for safe transportation of ammunition by rail, road, sea and by air.</p> <p>(g) Safety feature of ammunition be clearly explained in the manual.</p> <p>(h) Illustrated/ detailed diagrams identifying/ depicting all the parts of the ammunition.</p>	10 Sets.

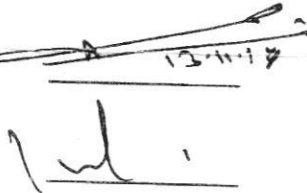
  
 (Ranjan Bhadwaj)  
 Asstt D/O (SA)  
 DGPA/Am-10

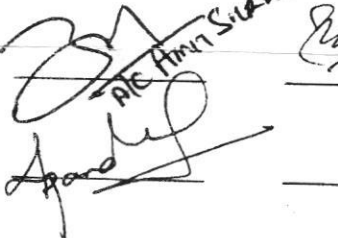
  
 BSSAMRI

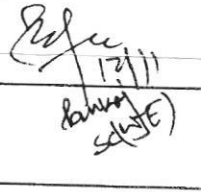
  
 B.C. Roy Chowdhury  
 Insp/T, B.S.F.

  
 SSB

  
 Raju  
 12/11

  
 Raju  
 13-11-17

  
 Raju  
 12/11/17  
 (SA)

  
 Raju  
 12/11/17  
 (SA)

APPROVED / NOT APPROVED

  
 (Sudeep Lakhtakia)  
 DG, NSG

REVISED TRIAL DIRECTIVES OF ROUND (GRENADE) 40 MM HE

Ser No	Parameter	Specification	Method
12	Reliability	90%	10 Rounds will be fired at Max Distance and the acceptance criteria will be as under:- (a) Premature burst at barrel bore-Not allowed. (b) Premature burst along the grenade trajectory - not allotted. (c) Primer blowback - Not allowed. (d) Round stuck up - Not allowed. (e) Failure to extract cartridge case - None allowed. (f) Incomplete burst/ Misfire - 1 out of 10 allowed.
13	Accuracy at 75 meters	Grouping of 0.95 m x 0.95 m or smaller on a vertical target of steel 2000 x 2000 x 2mm.	25 out of 30 rds when fired with mechanical mount shall have a grouping of 0.95 x 0.95 meters or smaller at a distance of 75 meters on a vertical target of steel plate with dimensions 2000x2000x2mm.
14	Killing Radius (in meters)	Minimum 5 meters.	Certificate in this regard to be provided by the OEM.
15	Shelf Life (in years)	Minimum 10	Certificate in this regard to be provided by the OEM.
16	UN HD	1.1	Certificate in this regard to be provided by the OEM.
17	Compatibility Group	E	Certificate in this regard to be provided by the OEM.
18	Fit for Air Drop	Ammunition should be air droppable and packed inside the boxes.	Certificate in this regard to be provided by the OEM.
19	Compatibility with weapon	40 mm MGL (Breech Loading) and 40 mm UBGL (Breech loading type). The model of the UBGL & MGL to be specified by the indenter.	To be physically checked by the board of officers during demonstration.

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REVISED TRIAL DIRECTIVES OF ROUND (GRENADE) 40 MM HE

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*[Signature]*  
 (Ranjay Chaudhary)  
 ASST. DIR (SM)  
 DGA/Amr  
*[Signature]*  
 (24)

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 H.O. / SUB. Testing  
 Assam Rifles  
*[Signature]*  
 AK AMIT SINGH  
 CAPT

*[Signature]*  
 B.C. Roy Chaudhary  
 Insp. / T. P.S.P.  
*[Signature]*  
 18/11  
 Ranjay  
 SC (SE)

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 SJSB  
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APPROVED / NOT APPROVED

*[Signature]*  
 (Sudeep Lakhtakia)  
 DG, NSG  
 3/12