

Details of Tech Specification for 'AMN for SMG MP-19' asked vide para 2(f) of DGOS letter No. A/18211/RFI/Gen/OS-Amn Proc dt 10 June 2020 is not available in this Controllerate. However details of existing Ex. Import Cartridge **SA 9mm Subsonic Calibrer 158 GR for 9mm SMG MP-9**" is forwarded as follows:-

**TECHNICAL SPECIFICATION: CARTRIDGE SA 9MM SUBSONIC**  
**CALIBRE 158 GR FOR 9 MM SMG MP-9**

<b>Sr No</b>	<b>Parameters</b>	<b>Specified values</b>
a)	Caliber	9 mm
b)	Cartg Length	29.69-0.8mm
c)	Cartg Case length	19.15 -0.3mm
d)	Cartg Wt	13.80 to 14.80 g
e)	Bullet wt	9.99 to 10.39 g
f)	Bullet Extraction	F min $\geq$ 200 N
g)	Velocity	V=315 $\pm$ 10 m/s at 8.91 m
h)	Chamber pressure	P Mean $\leq$ 2350 bar P Max(individual) $\leq$ 2703 bar
j)	Consistency	D Max (mean Value) $\leq$ 80mm at 25m
k)	Action Time	Action Time $\leq$ 5 ms
m)	Shelf Life	15 years

**Environmental Conditions**

- (i) Minimum temperature for Use :  $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- (ii) Max temperature for Use:  $+45^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- (iii) Min. temp of storage:  $-50^{\circ}\text{C}$
- (iv) Max. temp. of Storage:  $+70^{\circ}\text{C}$
- (v) Max Relative Humidity: 95%
- (vi) Avg Relative Humidity : 65%
- (vii) Mean Value of years Temperature: not  $>$   $32^{\circ}\text{C}$ .