

Appx(Ref 27 SCG, NSG IAFD-931
dated 01 Nov 2018)**DRAFT QUALITATIVE REQUIREMENTS AND TRIAL DIRECTIVES OF FLASH BANG**

S No	Parameter	Trial Directives
1	General Description	
	Flash bang with one bang and multi bang	To be checked by the bd of offr.
2	Physical Characteristics	
	(a) It should be ergonomic and compact design portable and outer case should be anti skid material	To be checked by the bd of offr.
	(b) Easy to throw	To be checked by the bd of offr
	(c) Should be used in all weather conditions	The firm should provide a certificate from National/ Inter National accredited lab.
	(d) It should burst with bang and flash but should not provide any smoke.	To be checked by the bd of offr.
	(e) Facility of multiple bang (04 or 06 bangs)	To be checked by the bd of offr
	(f) After first bang it should not disperse in danger area for more than 2 ft radius.	The firm should provide a certificate from National/ Inter National accredited lab.
3	General Specification	
	Grenade Body - Plastic	To be checked by the bd of offr
	Striker Mechanism - Metallic with R F case to produce ignition flash	
	Launching method - Hand thrown	
	Shelf life - 03 years	
	Composition - Sten without smoke	
Technical Specification		
Total length - 150 ± 10 mm	To be checked by the bd of offr	
Diameter - 56 ± 05 mm		
Charge weight - 30 ± 10 gms		
Total weight - 300 ± 20 mm		
Delay Time - 1 ± 2 Sec		
Decibel level - 150 ± 15 dB at 1 meter		
Flash Intensity - $20,000 \pm 2000$ lux at 1 meter		

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5	Testing Method Test of Flash bang should be done at Tekanpur, Tear Smoke Unit Factory, BSF.	Bd of offrs may witness the test conducted by Tekanpur, Tear Smoke Unit Factory, BSF.