

No. IV-21011/33/2009-Prov-I 897  
भारत सरकार/Government of India  
गृह मंत्रालय/Ministry of Home Affairs  
पुलिस आधुनिकीकरण प्रभाग /Police Modernization Division  
संभरण-I डेस्क/Prov.I Desk

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26, Man Singh Road, Jaisalmer House,  
New Delhi, the 29 April, 2015.

To,

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

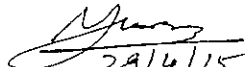
**Subject : Trial Directives for Intervention Ladder.**

The Trial Directives in respect of Intervention Ladder as per the Annexure have been accepted by the Competent Authority in MHA.

2. Henceforth, all the CAPFs should trial evaluate the above items strictly as per the laid down Trial Directives and Technical Specifications/QRs issued vide letter of even number dated 24-08-2009.

3. Concerned CAPF would be accountable for correctness of Trial Directives.

Yours faithfully,

  
29/4/15  
(M. K. Chahar)

Under Secretary (Prov-I)

Encl.: As above.

Copy to ✓SO(IT), MHA with the request to host the Trial Directives (soft copy being sent through email) of Intervention Ladder on the MHA website (under the page of Organizational Set up-Police Modernization Division-Qualitative Requirements-Specifications – Misc items Equipment) alongwith QRs for Intervention Ladder.

  
(R K Soni)

Section Officer (Prov.I)

Copy to :DDG(Procurement), MHA.

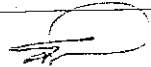



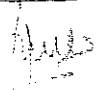


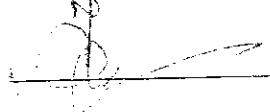
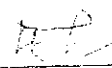
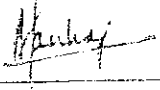



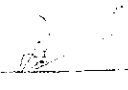


TRIAL DIRECTIVES OF INTERVENTION LADDERS

69

Ser No	QRs Parameters	Trial Directives
1.	(a) 7.2m Sliding ladder - 10	BOO will check all ladder dimensions physically.
	(b) 3.6m Sliding ladder - 07	
	(c) 12m Tail Ladder Sliding - 02	
	(d) Wg ladder 4.2m long - 03	
	(e) Cockpit Ladder 3m long - 02	
	(f) Wg Ladder 1.7m - 03	
	(g) Nose Wheel Ladder 2.7m - 02	
	Total 29	

General QRs

2.	The ladders should be made of high strength and light weight material.	OEM will submit a certificate from a national / international accredited lab for the same.
3.	All ladders even when extended to its maximum required height should be able to withstand the weight of three fully equipped soldiers with arms and equipment climbing simultaneously.	To be physically checked by the BOO.
4.	The ladders should be black in color with non reflective matt finish.	To be physically checked by the BOO. OEM to submit certificate for the same.
5.	The rungs of the ladders should be rectangular/ square cross section and with non-slip grooves to ensure good grip.	BOO to check physically rungs of the ladder which needs to be either rectangular or square cross section and with non-slip grooves to ensure good grip. BOO also to check the function in actual aircraft drill.
6.	The ladder joints should make minimum noise during handling and carriage even after prolonged usage.	BOO to check ladder is equipped with good quality adjustable shoes at the base of the ladder to provide firm grip on the floor during a aircraft drill. OEM to certify material used in the shoes.
7.	The top end of ladder should have suitable buffer coating to prevent slipping and noise when being placed against any surface (metallic or otherwise).	BOO to physically check the triangular thick tube fitted on the top of the ladder and OEM to submit details of the material used. BOO will check in actual drill with a aircraft that it should not slip and also prevent generation of noise while the ladder is rested against the aircraft body.

TRIAL DIRECTIVES OF INTERVENTION LADDER (Contd. ....)

Ser. No.	QRs Parameters	Trial Directives
8	The ladders (as specified) should have provision (sockets) for fixing rods at the top to provide support during operations.	BOC to physically check.
9	The specifications of ladders are given at Appendix-A.	BOC to physically check.
10	Ladder should be capable of operation and storage under following conditions - (a) Storage condition - +35°C to +55°C (b) Operational condition - +20°C to +55°C	OEM will submit a certificate from a national/international accredited lab for the same.

Desirable QRs

11	The ladder should be equipped with adjustable shoes at the base, made of a special hard rubber to provide a firm grip on the airport tarmac.	To be physically checked by the BOC. OEM to submit certificate for the same.
12	All ladders should have rubber pads on the sides along the length of the ladder at an interval of two (2) meters to prevent damage to the ladder during storage and transportation.	BOC to physically check.

<p><u>[Signature]</u> Supt. In-charge</p>	<p><u>[Signature]</u> Supt. In-charge</p>	<p><u>[Signature]</u> Supt. In-charge</p>	<p><u>[Signature]</u> Supt. In-charge</p>
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<p>Wing Commander Supt. In-charge</p>	<p>Wing Commander Supt. In-charge</p>	<p>Wing Commander Supt. In-charge</p>	<p>Wing Commander Supt. In-charge</p>
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APPROVED FOR THE TRIAL

Date: \_\_\_\_\_  
Place: \_\_\_\_\_