

No. U.II-98(Spec)/2013-14-Prov (Track-Suit) 13/8
भारत सरकार/Government of India
गृह मंत्रालय/Ministry of Home Affairs
पुलिस आधुनिकीकरण प्रभाग /Police Modernization Division
संभरण-I डेस्क /Prov.I Desk

Jaisalmer House, 26 Man Singh Road,
New Delhi, the 2nd July, 2015

To,

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

Subject: Revised QRs/Specifications of Light Weight Running Shoes (Brown & White).

Sir,

The undersigned is directed to refer to the subject mentioned above and to say that the revised QRs/Specifications in respect of Light Weight Running Shoes (Brown & White) as per Annex-I have been approved by the competent authority in MHA.

2. Henceforth, all the CAPFs should procure the above items, required by them strictly as per the laid down QRs/Specification.
3. Concerned CAPF will be accountable for correctness of the QRs/Specifications of Light Weight Running Shoes (Brown & White).
4. QRs/Specifications of Light Weight Running Shoes (Brown & Black) issued earlier vide MHA letter No. U.II-98 (Spec)/2013-14-Prov.38 dated 26.12.2013 is rescinded.

Yours faithfully,


(M. N. Sukole)

Under Secretary to the Govt. of India

Encl: As above.

Copy forwarded for necessary action to:

✓ SO (IT), MHA - with the request to host the revised QRs/Specifications of Light Weight Running Shoes (Brown & White) on official website of MHA (under the page of Organizational Set up, Police Modernization Division-Clothing items) and remove earlier QRs/Specifications vide letter No.U.II-98(Spec)/2013-14-Prov.38 dated 26.12.2013 (http://mha.nic.in/sites/upload_files/mha/files/QRSShoe_090114.pdf).

Copy to: Director (Procurement), MHA

Specification of Light Weight Running Shoes (Brown & White)

1. SCOPE

This specification prescribes the materials, construction, requirements, etc. of a running shoe as mentioned in the nomenclature during plaster moulding and exercise type athletic shoes. The shoe shall be made out of synthetic upper PU coated fabric. The supply shall be in sizes 30 to 32 depending on the requirement of the purchaser.

2. SHAPE & DESIGN

As per sketch sample. Sports shoe constructed on board toe last with standard 1/4" arch, 1/4" heel, wedge heel.

Colour Design of Shoe Upper

- All over tongue and plug
- Overall appearance of pure white in colour
- All inner part of shoe shall be matching with the upper.

3. MATERIALS

<u>A</u>		<u>UPPER MATERIAL</u>
1	UPPER MATERIAL	PU COATED SYNTHETIC FABRIC 150 GSM ± 5% 200 GSM
2	Colour of	BROWN & WHITE
3	Breaking Strength (20°CMS) FABRIC	8 KG A to KG B (RAL & WHITE) (ASTM D 1004) 100% 100% 100%
4	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
5	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
6	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
7	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
8	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
9	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
10	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
11	Breaking Strength (20°CMS) FABRIC	100% 100% 100%
<u>B</u>		<u>CLOSING MATERIALS</u>
12	Thread	Nylon 40/3 (30/3) & Berkey 2 Size 7/8 (2) 100% SAR 2 TM 71
13	Eyelet Eye	Eyelet Stay Eye 12mm (Min)
14	Eyelet	400 Non-Aluminum White Brown MFL & 300 (100) Strength will be 20-25 Kg Max (ASTM D 1004) 100%
15	Eyelet	100% 100% 100%
<u>C</u>		<u>SOLING</u>
16	Soling Material	PU or EVA etc.
16a	Sole Colour	Brown White
16-b	Sole Construction	Direct Moulding Process
17	Shoes Size (US-A)	5-7.5 (US-A) 5-10 (US-A) 10-12 (US-A)
18	Shoes Size (US-A)	5-7.5 (US-A) 5-10 (US-A) 10-12 (US-A)
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98	Shoes Size (US-A)	5-7.5 (US-A) 5-10 (US-A) 10-12 (US-A)
99	Shoes Size (US-A)	5-7.5 (US-A) 5-10 (US-A) 10-12 (US-A)
100	Shoes Size (US-A)	5-7.5 (US-A) 5-10 (US-A) 10-12 (US-A)

22	Breaking strength of Laces	25 kg/min as per S.A.I.R.A. I.M. 94
23	Skid Resistance	As per IS 15298
24	Weight of Soles	65% of the weight of the shoe increase as per IS 15298

3.1 Soling Pattern

- 3.1.1 The soling not include continuous Lateral Tread Patterns or any other features, such as sharp corners at the base of the sole pattern, which may accelerate or cause premature crack formation.
- 3.1.2 The Design should be such that the sole will have adequate skid resistance as per IS 15298(part-I): 2011 with sole thickness 4.0mm (min) & Clear height of 1 mm (min).

3.2 Bond Strength

Upper - Outsole bond strength & Interlayer bond strength - The bond strength when tested as per IS : 15298(part-I) :2011 shall not be less than 4 N unless there is tearing of the material in which case the bond strength shall not be less than 3 N /mm.

3.3 Cold insulation of sole complex

When footwear is tested in accordance with the method described in IS 15298 Part-I: 2011 the temperature decrease on the upper surface of the insole shall be not more than 10°C.

3.4 Back Height

Back height: 65±2 mm for size 5 to 6, 70±2 mm for size 7 to 9 & 75 ± 2 mm for size 10 to 12. The height shall be measured on inside at the back of the boots from the inside to the top including any flexible extension.

3.5 Hydrolysis Test.

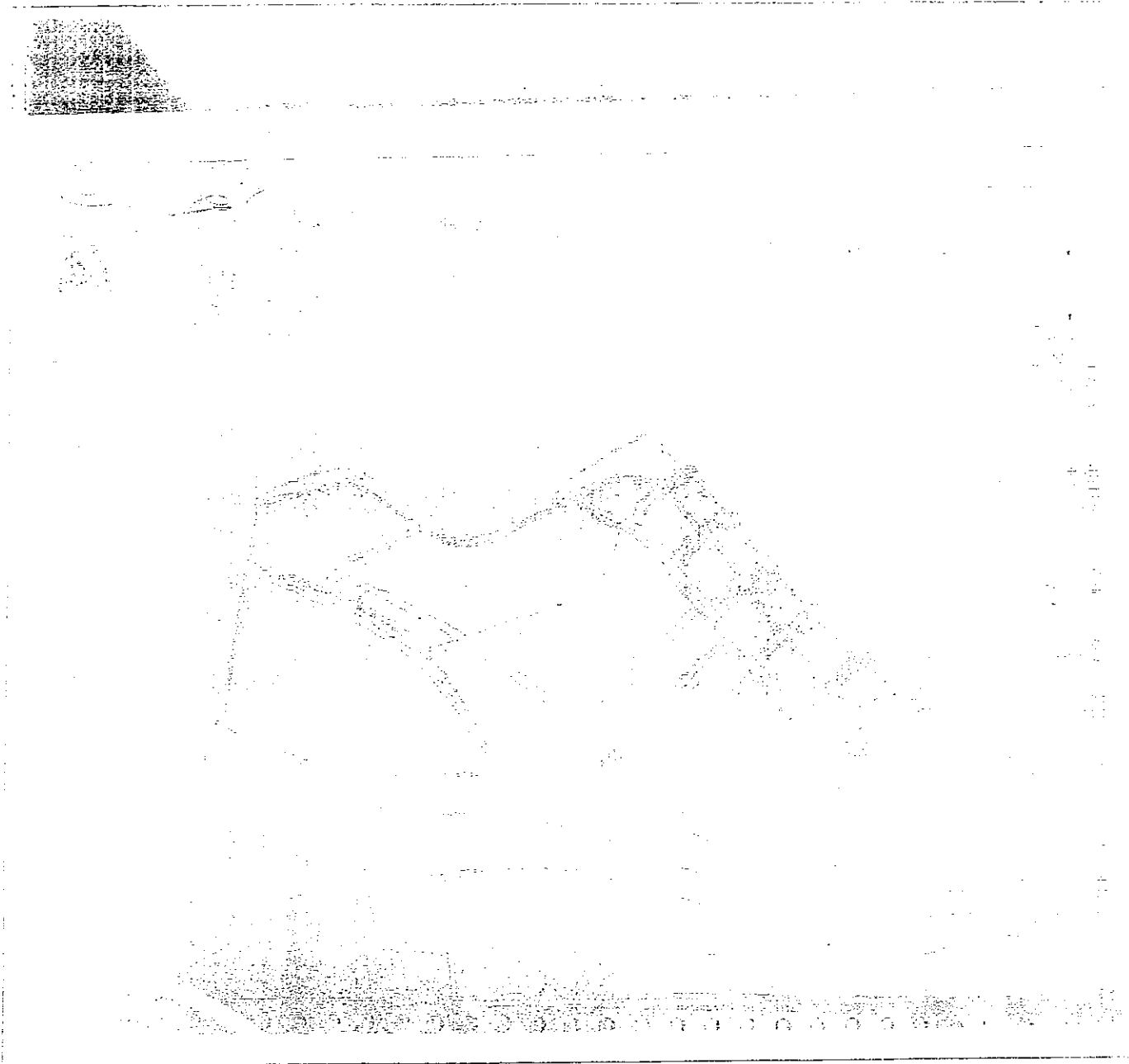
The shoes shall be subjected to hydrolysis test as per IS 15298 Part-I: 2011 and shall then tested as per IS 15298 Part-I: 2011 on Ross flexing machine for 150,000 cycles. The crack growth shall not be more than 500 µm.

4. Sampling and Criteria for Conformity.

The method for sampling , drawing representative samples of the shoes and the criteria for conformity shall be as prescribed in IS 6368:1971.

5. Marking & Packing

- 5.1 The waist position of the finished shoe shall be legible stamped with the manufacturer's name or his recognized trademark and size.
- 5.2 Each pair of shoe shall be placed heel and top alternatively in upright position wrapped with tissue paper. A label with following marking shall be placed outside the box which shall be clearly readable.
- Nomenclature.
 - Manufacturer's name or Trade Mark.
 - Month and year of manufacture.
 - Size.



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