

Specifications: Safety Shoes 2015-16

S.No.	Description	Specifications
1.	Construction	Direct injection, Moulded Dual Density, P.U Sole.
2.	Closure	Laced
3.	Toe Protection	Steel toe caps are incorporated in such a way that they cannot be removed. They are made of high carbon steel and internal length is minimum 39 mm. impact resistance is 200 Joules (minimum).
4.	Weight	1000gms (approximate which may vary as per the size)
5.	Upper	Made of grey suede leather of 1.8 to 2.0 mm thickness, Tear strength: above 120 Newton, pH value: above 3.5, Fitted with soft spacer breathable lining having tear strength of minimum 15 Newton
6.	Sole	Dual density PU sole having thickness i.e cleat height of 6 mm, flexing resistance (30,000 cycles), Cut growth is below 4 mm. hydrolysis (150000 cycles) – cut growth is below 6mm. resistant to fuel oil- below 12%. Mid sole Black low density PU (Polyurethane) for cushion feeling. Outsole - Grey High density PU for better abrasion resistance, hydrolysis and slip resistance as clause 4.8 of IS 15298 part I
7.	Insole:	Strobili antistatic/ESR material antistatic with minimum thickness of 2 mm.
8.	Size	5- 12 with wide fitting
9.	Upper leather	Suede buff leather on the vamp and plain C.G leather on the front.
10.	Vamp lining	Non-woven fabric for quick sweat absorption.
11.	Quarter Lining	Sweat absorbing foam laminated cambrelle/ or any other guaranteed lining.
12.	Eyelets	5 sets of powder coated triangle loop (hook) brass metal eyelets
13.	Thread	3/6 ply Nylon or Polyester
14.	Laces	Nylon with appropriate length
15.	Collar	Soft leather collar with cushion for better comfort ability
16.	Reflectivity	Reflective material as picture for better visibility and look
17.	Colour & pattern	Grey and as per the sketch attached

Welfare Officer Gr. 1

AGM (HR)

(Secretary WIC)