

<b>ANEXURE 1</b>	<b>SPECIFICATIONS FOR HALF SWEATER V NECK ( NAVY BLUE /GREY )</b>		
Item	HALF SWEATER V NECK ( NAVY BLUE/ GREY ) with DMRC logo		
Type	100 % Merino Wool		
<b>S.NO.</b>	<b>PARAMETRERS</b>	<b>SPECIFICATIONS</b>	
1	Wool	100 % Merino Wool	
2	Count of Yarn	2/24	
3	Micron	21 Microns of wool	
4	Gauge	12 GG	
5	Colour fastness to light	6 or better	As Per IS 2454 OR Equivalent ISO test
6	Colour fastness to washing	4 or better	As Per IS 764-1979 (Test 3) OR Equivalent ISO test
7	Colour fastness perspiration	4 or better	As Per IS 971-1983 OR Equivalent ISO test
8	Colour fastness to rubbing	4 or better	As Per IS 766-1988 OR Equivalent ISO test
<p>1. Colour and Finish shall be as per approved sample.</p> <p>2. Test Reports:</p> <p>Submitting test reports from NABL or government-approved laboratories like NITRA, BITRA, WRA, SITRA for physical and chemical parameters.</p>			

<b>ANEXURE 2</b>	<b>SPECIFICATIONS FOR WINTER FLEECE T SHIRTS ( SKY BLUE WITH NAVY BLUE COLLAR / RUST BROWN WITH COFFEE COLLAR)</b>		
<b>Item</b>	FLEECE T SHIRTS ( SKY BLUE WITH NAVY BLUE COLLAR / RUST BROWN WITH COFFEE COLLAR) WITH DMRC LOGO & FRONT POCKET		
<b>S.NO.</b>	<b>PARAMETRERS</b>	<b>SPECIFICATIONS</b>	
1	BLEND COMPOSITION	55% Polyester / 45% Cotton (Tolerance +/- 5%) Fabric: Poly-Cotton Fleece Lining: Brushed fleece lining Sleeves: Full-length sleeves with buttoned cuffs. Neckline: Half chest opened , buttoned collar .	
2	Weight (GSM)	250 gsm (Min)	
3	Colour fastness to light	(5 or better)	As Per IS 2454 OR Equivalent ISO test
4	Colour fastness to washing	(4 or better)	As Per IS 764-1979 (Test 3) OR Equivalent ISO test
5	Colour fastness to perspiration	(4 or better)	As Per IS 971-1983 OR Equivalent ISO test
6	Colour fastness to rubbing	(4 or better)	As Per IS 766-1988 OR Equivalent ISO test
7	Dimensional changes (relaxation shrinkage) (%)	- Wales direction 5.0(max) - Course direction 5.0(max)	AS PER B-2 of IS 14759 OR Equivalent ISO test
8	pH of aqueous extract	6.5 to 8.0	As per IS/ISO 1390 (Cold method) OR Equivalent ISO test
9	Finish	Biowashed - For softer hand feel and reduced pilling	Visual

ANEXURE 3		SPECIFICATIONS FOR TROUSER CLOTH (DARK GREY)	
Item		TROUSER CLOTH (DARK GREY)	
Weave		PLAIN	
S.NO.	PARAMETRERS	SPECIFICATIONS	
1	BLEND COMPOSITION	PLOYESTER - 70 % , WOOL- 30 % (VARIATION +/- 2 %)	
2	Width	150 cm (VARIATION +/- 2 %)	
3	Weight per Meter (GPM)	400 gm (VARIATION +/- 5%)	
4	Count of Yarn Wrap/Weft (For guidance Only)	2/24 Nm	
5	EPI	40 per inch (+/- 5%)	
6	PPI	34 per inch (+/- 5%)	
7	Breaking Strength - Warp - Weft	800 N (Min) 600 N (Min)	
5	Colour fastness to light	(5 or better)	As Per IS 2454 OR As per Equivalent ISO test
6	Colour fastness to washing	(4 or better)	As Per IS 764-1979 (Test 3) OR As per Equivalent ISO test
7	Colour fastness perspiration	(4 or better)	As Per IS 971-1983 OR As per Equivalent ISO test
8	Colour fastness to rubbing	(4 or better)	As Per IS 766-1988 OR As per Equivalent ISO test
<p>1. CLOTH IS TO BE SUPPLIED IN INDIVIDUAL PACKING OF 1.25 Metre</p> <p>2. Colour and Finish shall be as per approved sample.</p> <p>3. Test Reports:</p> <p>Submitting test reports from NABL or government-approved laboratories like NITRA, BITRA, WRA, SITRA for physical and chemical parameters.</p>			

<b>ANEXURE 4</b>		<b>SPECIFICATIONS FOR COAT CLOTH (NAVY BLUE)</b>	
Item		<b>COAT CLOTH (NAVY BLUE)</b>	
Weave		PLAIN	
<b>S.NO.</b>	<b>PARAMETRERS</b>	<b>SPECIFICATIONS</b>	
1	BLEND COMPOSITION	PLOYESTER - 70 % & WOOL- 30 % (VARIATION +/- 2 %)	
2	Width	150 cm (VARIATION +/- 2 %)	
3	Weight per Meter (GPM)	400 gm (VARIATION +/- 5%)	
4	Count of Yarn Wrap/Weft (For guidance Only)	2/24 Nm	
p	EPI	40 per inch (Min)	
6	PPI	34 per inch (Min)	
7	Breaking Strength - Warp - Weft	800 N (Min) 600 N (Min)	
5	Colour fastness to light	(5 or better)	As Per IS 2454 OR As per Equivalent ISO test
6	Colour fastness to washing	(4 or better)	As Per IS 764-1979 (Test 3) OR As per Equivalent ISO test
7	Colour fastness perspiration	(4 or better)	As Per IS 971-1983 OR As per Equivalent ISO test
8	Colour fastness to rubbing	(4 or better)	As Per IS 766-1988 OR As per Equivalent ISO test
<p>1. CLOTH IS TO BE SUPPLIED IN INDIVIDUAL PACKING OF 1.80 Metre</p> <p>2. Colour and Finish shall be as per approved sample.</p> <p>3. Test Reports:</p> <p>Submitting test reports from NABL or government-approved laboratories like NITRA, BITRA, WRA, SITRA for physical and chemical parameters.</p>			

<b>ANEXURE 5</b>	<b>SPECIFICATIONS FOR POLYFILL JACKETS with DMRC LOGO</b>		
<b>Item</b>	<b>POLYFILL JACKETS with DMRC LOGO (RUST BROWN)</b>		
<b>S.NO.</b>	<b>PARAMETRERS</b>	<b>SPECIFICATIONS</b>	<b>TOLERANCE</b>
1	Outer Finish Fabric Blend composition ( $\pm 5\%$ )	<b>65% Polyester, 35% Cotton</b>	IS 15853 Test method IS - 3416 (Part 1) -1988, Amendment No.182
2	Fabric Weave- 5-end satin weave	Warp -100% Polyester Weft- 100% Cotton	IS 667 - 1981
3	Outer Finish Fabric GSM	200 GSM (Min)	IS 1964 - 2001
4	Colour Fastness to Light (Blue Wool Rating)	(5 or Better)	As Per IS 2454 (5 or better) OR As per Equivalent ISO test
5	Colour fastness to washing	(4 or Better)	As Per IS 764-1979 (Test 3) (4 or better) OR As per Equivalent ISO test
6	Colour fastness perspiration	(4 or Better )	As Per IS 971-1983 (4 or better) OR As per Equivalent ISO test
7	Colour fastness to rubbing	(4 or Better)	As Per IS 766-1988 (4 or better) OR As per Equivalent ISO test
8	Brusting strength (kN/m <sup>2</sup> )	800 minimum	IS 1966 (Part- I) Clause 5.5.3
9	Breaking strength	Warp- 400 N (Min.) Weft - 400 N (Min.)	IS 15809- 2017
10	Second Layer (Inner Cloth Fabric)	Non-Woven Felt Fabric	Visual
11	Third Layer Polyfil (GSM)	225 $\pm$ 10%	IS 1964 - 2001
12	Fourth Layer Lining (Taffeta Fabric with Diamond Quilting)	100% Polyester 45 GSM Min.	Visual
13	Diamond Quilting	4 <sup>th</sup> layer Taffeta Fabric with Diamond Quilting	Visual
14	Zipper/Snap fastener	As per Jacket Color Non-Rusted Metallic	YKK or Similar
15	Front Bottom Side	Top and Cross Opening 2 NO. Pockets.	Visual
16	Inside Pocket	1NO. wallet Pocket and 1 NO..Mobile Pocket	Visual

<b>ANEXURE 6</b>		<b>SPECIFICATIONS FOR TROUSER CLOTH (RUST BROWN)</b>	
Item		<b>TROUSER CLOTH (RUST BROWN)</b>	
Weave		TWILL	
<b>S.NO.</b>	<b>PARAMETRERS</b>	<b>SPECIFICATIONS</b>	
1	BLEND COMPOSITION	PLOYESTER - 55 % , WOOL- 45 % (Variation +/- 2 %)	
2	Width	150 cm (VARIATION +/- 2 %)	
3	Weight per Meter (GPM)	410 gm (VARIATION +/- 5%)	
4	Count of Yarn Wrap/Weft (For guidance Only)	2/40 Nm	
5	EPI	64 per inch (+/- 5%)	
6	PPI	50 per inch (+/- 5%)	
7	Breaking Strength - Warp - Weft	700 N (Min) 550 N (Min)	
5	Colour fastness to light	(5 or better)	As Per IS 2454 OR As per Equivalent ISO test
6	Colour fastness to washing	(4 or better)	As Per IS 764-1979 (Test 3) OR As per Equivalent ISO test
7	Colour fastness perspiration	(4 or better)	As Per IS 971-1983 OR As per Equivalent ISO test
8	Colour fastness to rubbing	(4 or better)	As Per IS 766-1988 OR As per Equivalent ISO test
<p>1. CLOTH IS TO BE SUPPLIED IN INDIVIDUAL PACKING OF 1.25 Metre</p> <p>2. Colour and Finish shall be as per approved sample.</p> <p>3. Test Reports:</p> <p>Submitting test reports from NABL or government-approved laboratories like NITRA, BITRA, WRA, SITRA for physical and chemical parameters.</p>			