

# QUALITY ASSURANCE PLAN - MANUFACTURING & TESTING OF CONVEYOR BELT



**OPGC - ITPS,  
Banharpali**

Sl. No	Component / Operation	Charecterstics	Class	Type of Check	Quantum of check		Reference document	Acceptance Norms	Format of Record		Inspection Agency			Remarks
					M	C / O				D	M	C	A	
1	2	3	4	5	6	7	8	9	D	10	11			

1.1	Finished Conveyor Belt	Width	Critical	Physical	as per BIS 1891	Tech. Spec	Tech. Spec	Inspection Report	Y	P	--	W	
		Length	Critical	Measure					Y	P	--	W	
		Total Thickness	Critical	Measure					Y	P	--	W	
		Rubber Cover (Top & Bottom)	Critical	Measure					Y	P	--	W	
		Min. Tensile strength	Critical	Measure					Y	P	--	W	
		Abrassion Loss	Critical	Measure	DIN 53516	DIN 53516 / Tech. Spec.	DIN 53516 / Tech. Spec.	Y	P	--	W		
		Breaking Strength	Critical	Measure	as per BIS 1891	BIS 1891	Y	P	--	W			
		Adhesion Tests	Critical	Measure			Y	P	--	W			

		(in wrap & weft)											
		Troughability	Critical	Measure						Y	P	--	W
		Elongation (%) at Break & at Ref. Load	Critical	Measure						Y	P	--	W
		No. Of Plies	Critical	Visual	100%	10%	Tech. Spec	Tech. Spec		Y	P	--	W

	<b>Legends :</b> M : Manufacturer sub supplier, C : Supplier , O : OPGC P : Perform, W : Witness, V : Verify as appropriate Y : Yes for documentation / Records	<b>DOCUMENT NO : QAP / CHP / CONVEYOR BELT - 01.00</b>		
PR No. :	<b>Note :</b> All standards are to be considered as their latest version Any specific property check not covered in this QAP shall be as per relevant BIS standard.			
		<b>PREPARED</b>	<b>REVIEWED</b>	<b>APPROVED</b>