

SCHEDULE OF TECHNICAL PARTICULARS FOR ACSR RABBIT

Sl. No.	Particulars	Minimum Guaranteed Value	Proposed Value
1.	code name of conductor	ACSR Rabbit	
2.	Nominal Aluminium Area (mm ²)	50	
3.	No. of strands (a) Aluminium	6	
	(b) Steel	1	
4.	Strand's Diameter in mm		
	(a) Aluminium i) Standard	3.35	
	ii) Maximum	3.38	
	iii) Minimum	3.32	
	(b) Steel i) Standard	3.35	
	ii) Maximum	3.42	
	iii) Minimum	3.28	
5.	Overall diameter of complete conductor (mm)	10.05	
6.	Minimum breaking load of each strand in KN		
	a) Aluminium i) Before stranding	1.43	
	ii) After Stranding	1.36	
	b) Steel i) Before Stranding	11.58	
	ii) After stranding	11.00	
7.	Calculated breaking load (KN)	18.25	
8.	Maximum resistance of each Aluminium strand at 20°C (ohms/km)	3.265	
9.	Calculated resistance of conductor in ohms/km at 20°C	0.5524	
10.	Weight of Zinc coating in respect of steel core (GM/m ²)	250	
11.	Mass of each strand in kgs/km		
	a) Aluminium	23.82	
	b) Steel	68.75	
12.	Minimum guaranteed mass in kg/km		
	a) Aluminium	145	
	b) Steel	69	
	c) Total	214	
13	Lay ratio		
	Aluminium (i) Maximum	14	
	(ii) Minimum	10	