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TSD-1

- NORMAL SPAN 304 M
- ALL SPANS ARE IN M
- ALL LOADS ARE IN KGS.

SL NO	DESCRIPTION	TOWER TYPE					
		A	B	C			
1	DEVIATION NOT TO EXCEED	2°	30°	60° & BE.			
2	VERTICAL LOAD OF INDIVIDUAL SPAN						
3	VERTICAL LOAD LIMITATIONS MAXIMUM WEIGHT SPAN :	ACTING DOWNWARD ONLY	UPWARD & ACTING DOWNWARD				
	GROUND WIRE EFFECT OF BOTH SPANS	456	456	456			
	EFFECT OF ONE SPAN	273	273	273			
	CONDUCTOR EFFECT OF BOTH SPANS	456	456	456			
	EFFECT OF ONE SPAN	273	273	273			
	MINIMUM WEIGHT SPAN						
	GROUND WIRE EFFECT OF BOTH SPANS	-	-	-			
	EFFECT OF ONE SPAN	-	-	-			
	CONDUCTOR EFFECT OF BOTH SPANS	-	-	-			
	EFFECT OF ONE SPAN	-	-	-			
4	PERMISSIBLE SUM OF ADJACENT SPANS FOR VARIOUS DEVIATION ANGLES SUBJECT TO AVAILABILITY OF GROUND CLEARANCE.	2°	608	30°	608	60°	608
		1°	709	29°	707	59°	696
		0°	811	28°	806	58°	785
				27°	904	57°	874
				265°	912	56.5°	912
5	DESIGN LOAD TENSION	GROUND WIRE	1397(1484)	134.9(1433)	1210 (1285)		
		CONDUCTOR	1378(1527)	2662(2950)	2387 (2645)		
6	BROKEN WIRE CONDITION	E.W. OR ANY ONE CONDUCTOR BROKEN					

NOTE : 1) BRACKETED FIGURES INDICATE TENSION AT 2.5° C & 2/3rd WIND PRESSURE.
APPROVED BY ADL. CHIEF ENGINEER WIDE LETTER NO. ACE/EL/CT/T-2/79/1698
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