

**TABLE VII**

**MAXIMUM LINE ANGLES ON SPOOL INSULATOR ASSEMBLIES**

(ANSI Class 53-4 Spool Insulator)

Designated Maximum Transverse Load = **1,500** Lbs./Conductor

<u>CONDUCTOR SIZE</u>	<u>WIND SPAN (feet)</u>					
	<u>150</u>	<u>200</u>	<u>250</u>	<u>300</u>	<u>350</u>	<u>400</u>
<b>LIGHT LOADING DISTRICT</b>						
4 ACSR (7/1)	45	44	44	43	42	42
2 ACSR (6/1)	37	36	35	35	34	33
2 ACSR (7/1)	28	28	27	27	26	26
1/0 ACSR (6/1)	23	23	22	22	21	21
123.3 AAAC (7)	23	22	22	21	21	20
2/0 ACSR (6/1)	23	22	22	21	21	20
3/0 ACSR (6/1)	18	18	17	17	16	16
4/0 ACSR (6/1)	18	17	17	16	16	15
246.9 AAAC (7)	17	17	16	16	15	15
336.4 ACSR (18/1)	17	16	15	15	14	14
336.4 ACSR (26/7)	12	11	11	10	10	9
<b>MEDIUM LOADING DISTRICT</b>						
4 ACSR (7/1)	44	44	43	42	41	40
2 ACSR (6/1)	36	36	35	34	33	33
2 ACSR (7/1)	28	28	27	27	26	25
1/0 ACSR (6/1)	23	23	22	22	21	21
123.3 AAAC (7)	23	22	22	21	21	20
2/0 ACSR (6/1)	23	22	22	21	21	20
3/0 ACSR (6/1)	18	18	17	17	17	16
4/0 ACSR (6/1)	18	18	17	17	16	16
246.9 AAAC (7)	18	17	17	16	16	15
336.4 ACSR (18/1)	17	17	16	16	15	15
336.4 ACSR (26/7)	12	12	11	11	11	10
<b>HEAVY LOADING DISTRICT</b>						
4 ACSR (7/1)	43	41	40	39	37	36
2 ACSR (6/1)	35	34	33	32	30	29
2 ACSR (7/1)	27	26	25	25	24	23
1/0 ACSR (6/1)	22	22	21	20	19	19
123.3 AAAC (7)	22	21	21	20	19	18
2/0 ACSR (6/1)	22	21	21	20	19	18
3/0 ACSR (6/1)	18	17	16	16	15	14
4/0 ACSR (6/1)	17	17	16	15	15	14
246.9 AAAC (7)	17	16	16	15	14	14
336.4 ACSR (18/1)	17	16	15	14	14	13
336.4 ACSR (26/7)	12	11	11	10	10	9