

Gregory Safence 6:1 SLOPE BARRIER TENSION RECOMENDATIONS:

Tensioning and Inspection Report T-1, Drawing SRB-3006, FHWA Letter B-88D & B-88E:

Contractor/Customer: _____
 Contact: _____
 Date: _____
 Location: _____
 Tensioning Force (see chart below): _____

Tensioning table T2 for SAFENCE wire rope safety fence (4:1 Slope Barrier)						
Air Temp: ()	Temp (C)	Temp (F)	Force (lbf.)	Force (kp)	Force (kN)	Force (bar)
.....	-30	-22	6400	2903	28.5	320
.....	-27	-17	6212	2818	27.6	311
.....	-24	-12	6028	2734	26.8	302
.....	-22	-7	5845	2651	26.0	292
.....	-20	-4	5750	2608	25.6	287
.....	-16	3	5477	2484	24.4	274
.....	-13	8	5294	2401	23.5	265
.....	-10	14	5050	2291	22.5	254
.....	-8	18	4926	2235	21.9	246
.....	-5	23	4743	2151	21.1	237
.....	0	32	4400	1996	19.6	220
Tensioning Force:	3	38	4191	1901	18.6	209
	6	43	4008	1818	17.8	200
	10	50	3750	1701	16.7	187
	14	58	3457	1568	15.4	172
	17	63	3273	1485	14.6	163
	20	68	3100	1406	13.8	154
	23	73	2906	1318	12.9	145
	26	78	2722	1235	12.1	135
	28	83	2538	1151	11.3	126
	30	86	2450	1111	10.9	121
	34	93	2171	985	9.7	108
	40	104	1750	794	7.8	88

Check list:	Check/Approved
Repair complete (post hardware)	()
Repair done in accordance with Safence drawings	()
Cable tensioned to tensioning chart.	()
Inspected complete system	()

Comments: _____

Sign: _____ Print: _____ Date: _____

