

Gregory Safence 4:1 SLOPE BARRIER TENSION RECOMENDATIONS:

Tensioning and Inspection Report T-2, Drawing SRB-3003, FHWA Letter B-88G:

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

Tensioning table T2 for SAFENCE wire rope safety fence (4:1 Slope Barrier)						
Temp (C)	Temp (F)	Force (lbf.)	Force (kp)	Force (kN)	Force (bar)	
-30	-22	7700	3493	34.2	388	Air Temp: ()
-27	-17	7525	3413	33.5	378	
-24	-12	7342	3330	32.7	369	
-22	-7	7159	3247	31.8	360	
-20	-4	7050	3198	31.4	354	
-16	3	6792	3081	30.2	341	
-13	8	6609	2998	29.4	332	
-10	14	6400	2903	28.5	320	
-8	18	6243	2832	27.8	313	
-5	23	6060	2749	27.0	304	
0	32	5750	2608	25.6	287	
3	38	5510	2499	24.5	276	Tensioning Force:
6	43	5327	2416	23.7	266	
10	50	5050	2291	22.5	253	
14	58	4777	2167	21.2	238	
17	63	4594	2084	20.4	229	
20	68	4400	1996	19.6	220	
23	73	4228	1918	18.8	210	
26	78	4044	1834	18.0	201	
28	83	3861	1751	17.2	192	
30	86	3750	1701	16.7	186	
34	93	3495	1585	15.5	173	
40	104	3100	1406	13.8	153	

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: _____

