

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	1986	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:

Repair complete (post hardware)

Repair done in accordance with Safence drawings

Cable tensioned to tensioning chart.

Inspected complete system

Check/Approved

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Comments: _____

Sign: _____ Print: _____ Date: _____



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)					
Air Temp: ()		Temp (C)	Temp (F)	Force (lbf.)	Force (kp)	Force (kN)	Force (bar)
.....		-30	-22	7700	3493	34.2	388
		-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
Tensioning Force:		3	38	5510	2499	24.5	276
		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:

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

Check/Approved

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Comments: _____

Sign: _____ Print: _____ Date: _____



Gregory Safence 2:1 (MASH) SLOPE BARRIER TENSION RECOMENDATIONS:*Tensioning and Inspection Report T-3, Drawing SRB-3008, FHWA Letter B-276:*

Contractor/Customer: _____

Contact: _____

Date: _____

Location: _____

Tensioning Force (see chart below): _____

.....		<i>Tensioning table T2 for SAFENCE wire rope safety fence (4:1 Slope Barrier)</i>					
Air Temp: ()		<i>Temp (C)</i>	<i>Temp (F)</i>	<i>Force (lbf.)</i>	<i>Force (kp)</i>	<i>Force (kN)</i>	<i>Force (bar)</i>
.....		-30	-22	9050	4105	40.3	453
		-27	-17	8865	4021	39.4	443
		-24	-12	8681	3938	38.6	434
		-22	-7	8496	3854	37.8	425
		-20	-4	8400	3810	37.4	419
		-16	3	8127	3687	36.2	406
		-13	8	7943	3603	35.3	397
		-10	14	7700	3493	34.2	386
		-8	18	7574	3435	33.7	379
		-5	23	7389	3352	32.9	369
		0	32	7050	3198	31.4	353
Tensioning Force:		3	38	6836	3101	30.4	342
		6	43	6651	3017	29.6	333
		10	50	6400	2903	28.5	320
		14	58	6098	2766	27.1	305
		17	63	5913	2682	26.3	296
		20	68	5750	2608	25.6	286
		23	73	5544	2515	24.7	277
		26	78	5360	2431	23.8	268
		28	83	5175	2347	23.0	259
		30	86	5050	2291	22.5	253
		34	93	4806	2180	21.4	240
		40	104	4400	1996	19.6	220

Check list:

Repair complete (post hardware)

Repair done in accordance with Safence drawings

Cable tensioned to tensioning chart.

Inspected complete system

Check/Approved

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Comments: _____

Sign: _____ Print: _____ Date: _____

