

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): _____

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	9050	4105	40.3	453	Air Temp: ()
-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	
3	38	6836	3101	30.4	342	Tensioning Force:
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

- ()
- ()
- ()
- ()

Comments: _____

Sign: _____ Print: _____ Date: _____

