

## Anexo Q

Tabela 7 - Momentos torçores parciais por pavimento (Mt) para um período de retorno de 50 anos - AFIPE - CAMPANÁRIO BASÍLICA DO DIVINO PAI ETERNO - Momentos em tfm

Pavimento	Cota arquitetônico [m]	CAT. III/IV - NBR-6123				CAT. III - NBR-6123													CAT. III/IV - NBR-6123						
		0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°	330°	345°
Telhado	121.40	2.1	0.0	-1.3	-0.8	-2.4	2.8	0.2	-2.6	3.1	0.8	-2.6	-0.7	2.0	3.4	4.9	2.1	-1.2	2.2	0.9	0.1	0.9	-2.6	-3.5	0.3
Cobertura	116.85	1.2	4.3	5.1	2.1	-1.0	4.4	5.5	6.3	10.6	14.3	-3.1	3.1	1.5	1.2	10.2	2.4	2.1	5.5	5.4	6.4	15.8	0.7	-1.1	1.4
Mirante	107.35	2.5	9.3	10.8	4.5	-2.2	9.4	11.7	13.5	22.5	30.6	-6.5	6.6	3.2	2.6	21.7	5.1	4.5	11.8	11.5	13.6	33.7	1.5	-2.4	3.0
Quarteto	96.55	-22.4	3.5	-1.4	-5.4	-8.6	-18.7	0.9	27.3	27.3	21.3	-3.0	-9.9	-1.4	18.5	19.0	1.0	-9.5	-4.3	19.3	23.3	22.3	-2.1	-14.4	-23.7
Caixa d'água 4	85.75	-2.1	8.2	4.0	1.4	-0.5	-5.8	5.7	21.2	25.4	25.6	2.2	-5.1	2.5	13.6	20.0	3.6	-4.8	-1.1	16.5	24.2	25.5	7.5	-1.7	-9.7
Carilhão	74.95	6.2	9.3	7.6	4.4	4.9	-1.6	8.6	21.1	27.1	23.3	5.7	-3.8	2.1	14.4	19.4	3.6	-4.6	3.6	16.5	25.7	23.3	10.4	2.4	-2.5
Caixa d'água 3	66.85	6.1	8.2	7.5	4.2	6.3	-3.4	8.1	21.8	27.2	19.0	7.3	-5.0	0.9	16.2	17.3	2.6	-6.2	4.2	16.6	26.0	18.9	10.2	2.1	-2.3
Caixa d'água 2	58.75	6.1	8.2	7.5	4.2	6.3	-3.4	8.1	21.8	27.2	19.0	7.3	-5.0	0.9	16.2	17.3	2.6	-6.2	4.2	16.6	26.0	18.9	10.2	2.1	-2.3
Caixa d'água 1	50.65	6.1	8.2	7.5	4.2	6.3	-3.4	8.1	21.8	27.2	19.0	7.3	-5.0	0.9	16.2	17.3	2.6	-6.2	4.2	16.6	26.0	18.9	10.2	2.1	-2.3
Parada de segurança 2	42.55	8.5	9.4	9.0	9.3	10.3	10.8	11.8	15.1	16.9	28.8	13.8	-9.6	1.8	6.1	23.6	-3.2	5.0	7.2	10.9	19.0	23.4	14.5	7.3	6.0
Vox Patris	31.75	3.5	3.1	3.4	5.3	21.5	13.8	14.9	15.1	17.7	20.3	6.2	-10.3	-5.3	7.7	18.1	0.3	2.8	7.1	6.0	17.2	26.0	20.7	12.1	0.0
Parada de segurança 1	20.95	-1.7	-2.4	1.5	-0.2	7.6	-36.0	-26.7	-13.7	5.1	23.2	12.2	-10.1	-18.8	8.7	19.4	2.7	26.4	44.7	27.7	20.3	16.3	-0.1	-14.4	1.7
Praça superior	10.15	-1.2	-1.7	1.3	-0.1	4.8	-28.0	-21.0	-11.0	3.3	17.6	9.5	-7.5	-14.0	6.4	14.6	1.9	20.3	34.1	21.2	15.1	11.7	-0.8	-11.5	1.5
Mezanino	5.07	-0.8	-1.1	0.8	-0.1	3.1	-17.9	-13.4	-7.0	2.1	11.2	6.1	-4.8	-8.9	4.1	9.3	1.2	13.0	21.8	13.6	9.7	7.5	-0.5	-7.4	1.0
Térreo	0.00	-0.4	-0.5	0.4	0.0	1.5	-8.9	-6.7	-3.5	1.1	5.6	3.0	-2.4	-4.5	2.0	4.7	0.6	6.5	10.9	6.8	4.8	3.7	-0.3	-3.7	0.5
Σ		14	66	64	33	58	-86	16	147	244	280	65	-69	-37	137	237	29	42	156	206	257	267	79	-32	-28