

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
V1	0	Descomp_esq_meioavao	Combination	-5600	542,857	0	0	0	5,258E-13	1	0
V1	4,2	Descomp_esq_meioavao	Combination	-5600	-54,788	0	0	0	-1024,9447	1	4,2
V1	0	Descomp_esq_apoio	Combination	-5600	584,25	0	0	0	5,372E-13	1	0
V1	4,2	Descomp_esq_apoio	Combination	-5600	-13,395	0	0	0	-1198,7963	1	4,2
V1	0	Descom_meioavao	Combination	-5600	602,444	0	0	0	4,803E-13	1	0
V1	4,2	Descom_meioavao	Combination	-5600	-12,001	0	0	0	-1239,9303	1	4,2
V1	0	Descomp_dir_apoio	Combination	-5600	600,374	0	0	0	5,258E-13	1	0
V1	4,2	Descomp_dir_apoio	Combination	-5600	-14,07	0	0	0	-1231,2383	1	4,2
V1	0	Descomp_dir_meioavao	Combination	-5600	568,25	0	0	0	5,258E-13	1	0
V1	4,2	Descomp_dir_meioavao	Combination	-5600	-29,395	0	0	0	-1131,5963	1	4,2
V1	0	ELU_esq_vao	Combination	-3,517E-13	-690,176	-3,274E-12	0	6,548E-12	1,066E-13	1	0
V1	4,2	ELU_esq_vao	Combination	-3,517E-13	-117,043	-3,274E-12	0	2,03E-11	1695,1602	1	4,2
V1	0	ELU_esq_apoio	Combination	-3,517E-13	-379,727	-3,274E-12	0	6,548E-12	1,918E-13	1	0
V1	4,2	ELU_esq_apoio	Combination	-3,517E-13	193,407	-3,274E-12	0	2,03E-11	391,2731	1	4,2
V1	0	ELU_meioavao	Combination	-3,517E-13	-243,274	-3,274E-12	0	6,548E-12	-2,345E-13	1	0
V1	4,2	ELU_meioavao	Combination	-3,517E-13	203,86	-3,274E-12	0	2,03E-11	82,7678	1	4,2
V1	0	ELU_dir_apoio	Combination	-3,517E-13	-258,795	-3,274E-12	0	6,548E-12	1,066E-13	1	0
V1	4,2	ELU_dir_apoio	Combination	-3,517E-13	188,339	-3,274E-12	0	2,03E-11	147,9584	1	4,2
V1	0	ELU_dir_vao	Combination	-3,517E-13	-499,727	-3,274E-12	0	6,548E-12	1,066E-13	1	0
V1	4,2	ELU_dir_vao	Combination	-3,517E-13	73,407	-3,274E-12	0	2,03E-11	895,2732	1	4,2
V1	0	S_PE_ESQ_M_DESC	Combination	0	-276,336	0	0	0	7,105E-14	1	0
V1	4,2	S_PE_ESQ_M_DESC	Combination	0	38,553	0	0	0	499,3449	1	4,2
V1	0	S_PE_ESQ_A_DESC	Combination	0	-234,943	0	0	0	8,242E-14	1	0
V1	4,2	S_PE_ESQ_A_DESC	Combination	0	79,946	0	0	0	325,4933	1	4,2
V1	0	S_PE_MEIO_DESC	Combination	0	-216,749	0	0	0	2,558E-14	1	0
V1	4,2	S_PE_MEIO_DESC	Combination	0	81,34	0	0	0	284,3592	1	4,2
V1	0	S_PE_DIR_A_DESC	Combination	0	-218,819	0	0	0	7,105E-14	1	0
V1	4,2	S_PE_DIR_A_DESC	Combination	0	79,27	0	0	0	293,0513	1	4,2
V1	0	S_PE_DIR_M_DESC	Combination	0	-250,943	0	0	0	7,105E-14	1	0
V1	4,2	S_PE_DIR_M_DESC	Combination	0	63,946	0	0	0	392,6933	1	4,2
V2	0	Descomp_esq_meioavao	Combination	-5600	-4,788	0	0	0	-1024,9447	2	0
V2	4,2	Descomp_esq_meioavao	Combination	-5600	-659,511	0	0	0	370,0825	2	4,2
V2	0	Descomp_esq_apoio	Combination	-5600	-13,395	0	0	0	-1198,7963	2	0
V2	4,2	Descomp_esq_apoio	Combination	-5600	-668,117	0	0	0	232,3793	2	4,2
V2	0	Descom_meioavao	Combination	-5600	-12,001	0	0	0	-1239,9303	2	0
V2	4,2	Descom_meioavao	Combination	-5600	-683,524	0	0	0	220,6712	2	4,2
V2	0	Descomp_dir_apoio	Combination	-5600	-14,07	0	0	0	-1231,2383	2	0
V2	4,2	Descomp_dir_apoio	Combination	-5600	-685,593	0	0	0	238,0554	2	4,2
V2	0	Descomp_dir_meioavao	Combination	-5600	-29,395	0	0	0	-1131,5963	2	0
V2	4,2	Descomp_dir_meioavao	Combination	-5600	-684,117	0	0	0	366,7793	2	4,2
V2	0	ELU_esq_vao	Combination	-2,183E-12	257,957	0	0	0	1695,1602	2	0
V2	4,2	ELU_esq_vao	Combination	-2,183E-12	831,091	0	0	0	-591,8417	2	4,2
V2	0	ELU_esq_apoio	Combination	-2,183E-12	193,407	0	0	0	391,2731	2	0
V2	4,2	ELU_esq_apoio	Combination	-2,183E-12	766,54	0	0	0	-1624,6158	2	4,2
V2	0	ELU_meioavao	Combination	-2,183E-12	203,86	0	0	0	82,7678	2	0
V2	4,2	ELU_meioavao	Combination	-2,183E-12	650,994	0	0	0	-1712,4265	2	4,2
V2	0	ELU_dir_apoio	Combination	-2,183E-12	188,339	0	0	0	147,9584	2	0
V2	4,2	ELU_dir_apoio	Combination	-2,183E-12	635,473	0	0	0	-1582,0453	2	4,2
V2	0	ELU_dir_vao	Combination	-2,183E-12	73,407	0	0	0	895,2732	2	0
V2	4,2	ELU_dir_vao	Combination	-2,183E-12	646,54	0	0	0	-616,6157	2	4,2
V2	0	S_PE_ESQ_M_DESC	Combination	0	88,553	0	0	0	499,3449	2	0
V2	4,2	S_PE_ESQ_M_DESC	Combination	0	403,442	0	0	0	-533,845	2	4,2
V2	0	S_PE_ESQ_A_DESC	Combination	0	79,946	0	0	0	325,4933	2	0
V2	4,2	S_PE_ESQ_A_DESC	Combination	0	394,835	0	0	0	-671,5482	2	4,2
V2	0	S_PE_MEIO_DESC	Combination	0	81,34	0	0	0	284,3592	2	0
V2	4,2	S_PE_MEIO_DESC	Combination	0	379,429	0	0	0	-683,2563	2	4,2
V2	0	S_PE_DIR_A_DESC	Combination	0	79,27	0	0	0	293,0513	2	0
V2	4,2	S_PE_DIR_A_DESC	Combination	0	377,36	0	0	0	-665,8722	2	4,2
V2	0	S_PE_DIR_M_DESC	Combination	0	63,946	0	0	0	392,6933	2	0
V2	4,2	S_PE_DIR_M_DESC	Combination	0	378,835	0	0	0	-537,1482	2	4,2
V3	0	Descomp_esq_meioavao	Combination	-5600	-659,511	0	0	0	370,0825	3	0
V3	2,1	Descomp_esq_meioavao	Combination	-5600	467,525	0	0	0	571,6676	3	2,1
V3	0	Descomp_esq_apoio	Combination	-5600	-668,117	0	0	0	232,3793	3	0
V3	2,1	Descomp_esq_apoio	Combination	-5600	458,918	0	0	0	452,0386	3	2,1
V3	0	Descom_meioavao	Combination	-5600	-683,524	0	0	0	220,6712	3	0
V3	2,1	Descom_meioavao	Combination	-5600	435,112	0	0	0	481,5035	3	2,1
V3	0	Descomp_dir_apoio	Combination	-5600	-685,593	0	0	0	238,0554	3	0
V3	2,1	Descomp_dir_apoio	Combination	-5600	433,042	0	0	0	503,2337	3	2,1
V3	0	Descomp_dir_meioavao	Combination	-5600	-684,117	0	0	0	366,7793	3	0
V3	2,1	Descomp_dir_meioavao	Combination	-5600	442,918	0	0	0	620,0386	3	2,1
V3	0	ELU_esq_vao	Combination	0	831,091	8,185E-13	0	3,274E-12	-591,8417	3	0
V3	2,1	ELU_esq_vao	Combination	0	1117,658	8,185E-13	0	1,555E-12	-2638,0285	3	2,1
V3	0	ELU_esq_apoio	Combination	0	766,54	8,185E-13	0	3,274E-12	-1624,6158	3	0
V3	2,1	ELU_esq_apoio	Combination	0	1053,107	8,185E-13	0	1,555E-12	-3535,2461	3	2,1
V3	0	ELU_meioavao	Combination	0	650,994	8,185E-13	0	3,274E-12	-1712,4265	3	0
V3	2,1	ELU_meioavao	Combination	0	874,561	8,185E-13	0	1,555E-12	-3314,2595	3	2,1
V3	0	ELU_dir_apoio	Combination	0	635,473	8,185E-13	0	3,274E-12	-1582,0453	3	0
V3	2,1	ELU_dir_apoio	Combination	0	859,039	8,185E-13	0	1,555E-12	-3151,283	3	2,1
V3	0	ELU_dir_vao	Combination	0	646,54	8,185E-13	0	3,274E-12	-616,6157	3	0
V3	2,1	ELU_dir_vao	Combination	0	933,107	8,185E-13	0	1,555E-12	-2275,246	3	2,1
V3	0	S_PE_ESQ_M_DESC	Combination	0	403,442	0	0	0	-533,845	3	0
V3	2,1	S_PE_ESQ_M_DESC	Combination	0	560,887	0	0	0	-1546,3905	3	2,1
V3	0	S_PE_ESQ_A_DESC	Combination	0	394,835	0	0	0	-671,5482	3	0
V3	2,1	S_PE_ESQ_A_DESC	Combination	0	552,28	0	0	0	-1666,0195	3	2,1
V3	0	S_PE_MEIO_DESC	Combination	0	379,429	0	0	0	-683,2563	3	0
V3	2,1	S_PE_MEIO_DESC	Combination	0	528,474	0	0	0	-1636,5546	3	2,1
V3	0	S_PE_DIR_A_DESC	Combination	0	377,36	0	0	0	-665,8722	3	0
V3	2,1	S_PE_DIR_A_DESC	Combination	0	526,404	0	0	0	-1614,8244	3	2,1
V3	0	S_PE_DIR_M_DESC	Combination	0	378,835	0	0	0	-537,1482	3	0
V3	2,1	S_PE_DIR_M_DESC	Combination	0	536,28	0	0	0	-1498,0195	3	2,1
V4	0	Descomp_esq_meioavao	Combination	-5600	-606,121	0	0	0	571,6676	4	0
V4	1,7	Descomp_esq_meioavao	Combination	-5600	384,186	0	0	0	760,3125	4	1,7
V4	0	Descomp_esq_apoio	Combination	-5600	-671,169	0	0	0	452,0386	4	0
V4	1,7	Descomp_esq_apoio	Combination	-5600	325,938	0	0	0	745,4844	4	1,7
V4	0	Descom_meioavao	Combination	-5600	-662,276	0	0	0	481,5035	4	0
V4	1,7	Descom_meioavao	Combination	-5600	334,831	0	0	0	759,8322	4	1,7
V4	0	Descomp_dir_apoio	Combination	-5600	-653,384	0	0	0	503,2337	4	0
V4	1,7	Descomp_dir_apoio	Combination	-5600	343,723	0	0	0	766,4453	4	1,7
V4	0	Descomp_dir_meioavao	Combination	-5600	-600,43	0	0	0	620,0386	4	0
V4	1,7	Descomp_dir_meioavao	Combination	-5600	389,877	0	0	0	799,0093	4	1,7
V4	0	ELU_esq_vao	Combination	0	-926,254	5,73E-12	0	6,548E-12	-2638,0285	4	0
V4	1,7	ELU_esq_vao	Combination	0	-745,271	5,73E-12	0	-3,192E-12	-1217,2323	4	1,7
V4	0	ELU_esq_apoio	Combination	0	-1414,111	5,73E-12	0	6,548E-12	-3535,2461	4	0
V4	1,7	ELU_esq_apoio	Combination	0	-1182,128	5,73E-12	0	-3,192E-12	-1328,4427	4	1,7
V4	0	ELU_meioavao	Combination	0	-1347,418	5,73E-12	0	6,548E-12	-3314,2595	4	0
V4	1,7	ELU_meioavao	Combination	0	-1115,435	5,73E-12	0	-3,192E-12	-1220,8343	4	1,7
V4	0	ELU_dir_apoio	Combination	0	-1280,725	5,73E-12	0	6,548E-12	-3151,283	4	0
V4	1,7	ELU_dir_apoio	Combination	0	-1048,742	5,73E-12	0	-3,192E-12	-1171,2365	4	1,7
V4	0	ELU_dir_vao	Combination	0	-883,574	5,73E-12	0	6,548E-12	-2275,246	4	0
V4	1,7	ELU_dir_vao	Combination	0	-702,591	5,73E-12	0	-3,192E-12	-927,0062	4	1,7
V4	0	S_PE_ESQ_M_DESC	Combination	0	-606,121	0	0	0	-1546,3905	4	0
V4	1,7	S_PE_ESQ_M_DESC	Combination	0	-485,466	0	0	0	-618,5414	4	1,7

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Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
V4		0 S_PE_ESQ_A_DESC	Combination	0	-671,169	0	0	0	-1666,0195	4	0	
V4		1,7 S_PE_ESQ_A_DESC	Combination	0	-543,714	0	0	0	-633,3695	4	1,7	
V4		0 S_PE_MEIO_DESC	Combination	0	-662,276	0	0	0	-1636,5546	4	0	
V4		1,7 S_PE_MEIO_DESC	Combination	0	-534,821	0	0	0	-619,0217	4	1,7	
V4		0 S_PE_DIR_A_DESC	Combination	0	-653,384	0	0	0	-1614,8244	4	0	
V4		1,7 S_PE_DIR_A_DESC	Combination	0	-525,929	0	0	0	-612,4086	4	1,7	
V4		0 S_PE_DIR_M_DESC	Combination	0	-600,43	0	0	0	-1498,0195	4	0	
V4		1,7 S_PE_DIR_M_DESC	Combination	0	-479,775	0	0	0	-579,8446	4	1,7	
V5		0 Descomp_esq_meioav	Combination	-5600	384,186	0	0	0	760,3125	9	0	
V5		4,80035 Descomp_esq_meioav	Combination	-5600	110,968	0	0	0	-428,1421	9	4,80035	
V5		0 Descomp_esq_apoio	Combination	-5600	325,938	0	0	0	745,4844	9	0	
V5		4,80035 Descomp_esq_apoio	Combination	-5600	71,921	0	0	0	-209,4481	9	4,80035	
V5		0 Descom_meioav	Combination	-5600	334,831	0	0	0	759,8322	9	0	
V5		4,80035 Descom_meioav	Combination	-5600	80,814	0	0	0	-237,787	9	4,80035	
V5		0 Descomp_dir_apoio	Combination	-5600	343,723	0	0	0	766,4453	9	0	
V5		4,80035 Descomp_dir_apoio	Combination	-5600	89,706	0	0	0	-273,8607	9	4,80035	
V5		0 Descomp_dir_meioav	Combination	-5600	389,877	0	0	0	799,0093	9	0	
V5		4,80035 Descomp_dir_meioav	Combination	-5600	116,658	0	0	0	-416,7627	9	4,80035	
V5		0 ELU_esq_vao	Combination	4,366E-12	-745,271	4,911E-12	0	0	-1217,2323	9	0	
V5		4,80035 ELU_esq_vao	Combination	4,366E-12	-234,224	4,911E-12	0	-2,358E-11	1133,7261	9	4,80035	
V5		0 ELU_esq_apoio	Combination	4,366E-12	-1182,128	4,911E-12	0	0	-1328,4427	9	0	
V5		4,80035 ELU_esq_apoio	Combination	4,366E-12	-527,071	4,911E-12	0	-2,358E-11	2773,9313	9	4,80035	
V5		0 ELU_meioav	Combination	4,366E-12	-1115,435	4,911E-12	0	0	-1220,8343	9	0	
V5		4,80035 ELU_meioav	Combination	4,366E-12	-460,378	4,911E-12	0	-2,358E-11	2561,3899	9	4,80035	
V5		0 ELU_dir_apoio	Combination	4,366E-12	-1048,742	4,911E-12	0	0	-1171,2365	9	0	
V5		4,80035 ELU_dir_apoio	Combination	4,366E-12	-393,684	4,911E-12	0	-2,358E-11	2290,8366	9	4,80035	
V5		0 ELU_dir_vao	Combination	4,366E-12	-702,591	4,911E-12	0	0	-927,0062	9	0	
V5		4,80035 ELU_dir_vao	Combination	4,366E-12	-191,544	4,911E-12	0	-2,358E-11	1219,0719	9	4,80035	
V5		0 S_PE_ESQ_M_DESC	Combination	0	-485,466	0	0	0	-618,5414	9	0	
V5		4,80035 S_PE_ESQ_M_DESC	Combination	0	-144,768	0	0	0	894,1295	9	4,80035	
V5		0 S_PE_ESQ_A_DESC	Combination	0	-543,714	0	0	0	-633,3695	9	0	
V5		4,80035 S_PE_ESQ_A_DESC	Combination	0	-183,814	0	0	0	1112,8235	9	4,80035	
V5		0 S_PE_MEIO_DESC	Combination	0	-534,821	0	0	0	-619,0217	9	0	
V5		4,80035 S_PE_MEIO_DESC	Combination	0	-174,922	0	0	0	1084,4846	9	4,80035	
V5		0 S_PE_DIR_A_DESC	Combination	0	-525,929	0	0	0	-612,4086	9	0	
V5		4,80035 S_PE_DIR_A_DESC	Combination	0	-166,029	0	0	0	1048,4109	9	4,80035	
V5		0 S_PE_DIR_M_DESC	Combination	0	-479,775	0	0	0	-579,8446	9	0	
V5		4,80035 S_PE_DIR_M_DESC	Combination	0	-139,077	0	0	0	905,5089	9	4,80035	
V6		0 Descomp_esq_meioav	Combination	-5600	110,968	0	0	0	-428,1421	11	0	
V6		1,9995 Descomp_esq_meioav	Combination	-5600	-2,836	0	0	0	-536,2461	11	1,9995	
V6		0 Descomp_esq_apoio	Combination	-5600	121,921	0	0	0	-209,4481	11	0	
V6		1,9995 Descomp_esq_apoio	Combination	-5600	16,115	0	0	0	-347,4501	11	1,9995	
V6		0 Descom_meioav	Combination	-5600	80,814	0	0	0	-237,787	11	0	
V6		1,9995 Descom_meioav	Combination	-5600	-24,992	0	0	0	-293,5945	11	1,9995	
V6		0 Descomp_dir_apoio	Combination	-5600	89,706	0	0	0	-273,8607	11	0	
V6		1,9995 Descomp_dir_apoio	Combination	-5600	-16,1	0	0	0	-347,4486	11	1,9995	
V6		0 Descomp_dir_meioav	Combination	-5600	116,658	0	0	0	-416,7627	11	0	
V6		1,9995 Descomp_dir_meioav	Combination	-5600	2,854	0	0	0	-536,2452	11	1,9995	
V6		0 ELU_esq_vao	Combination	8,731E-12	-234,224	3,274E-12	0	-2,537E-11	1133,7261	11	0	
V6		1,9995 ELU_esq_vao	Combination	8,731E-12	-21,357	3,274E-12	0	-3,192E-11	1389,2427	11	1,9995	
V6		0 ELU_esq_apoio	Combination	8,731E-12	-152,071	3,274E-12	0	0	-2,537E-11	2773,9313	11	0
V6		1,9995 ELU_esq_apoio	Combination	8,731E-12	120,781	3,274E-12	0	-3,192E-11	2805,2129	11	1,9995	
V6		0 ELU_meioav	Combination	8,731E-12	-460,378	3,274E-12	0	0	-2,537E-11	2561,3899	11	0
V6		1,9995 ELU_meioav	Combination	8,731E-12	-187,525	3,274E-12	0	-3,192E-11	3209,1303	11	1,9995	
V6		0 ELU_dir_apoio	Combination	8,731E-12	-393,684	3,274E-12	0	-2,537E-11	2290,8366	11	0	
V6		1,9995 ELU_dir_apoio	Combination	8,731E-12	-120,832	3,274E-12	0	-3,192E-11	2805,2239	11	1,9995	
V6		0 ELU_dir_vao	Combination	8,731E-12	-191,544	3,274E-12	0	0	-2,537E-11	1219,0719	11	0
V6		1,9995 ELU_dir_vao	Combination	8,731E-12	21,324	3,274E-12	0	-3,192E-11	1389,2494	11	1,9995	
V6		0 S_PE_ESQ_M_DESC	Combination	0	-144,768	0	0	0	894,1295	11	0	
V6		1,9995 S_PE_ESQ_M_DESC	Combination	0	-2,856	0	0	0	1041,7168	11	1,9995	
V6		0 S_PE_ESQ_A_DESC	Combination	0	-133,814	0	0	0	1112,8235	11	0	
V6		1,9995 S_PE_ESQ_A_DESC	Combination	0	16,095	0	0	0	1230,5128	11	1,9995	
V6		0 S_PE_MEIO_DESC	Combination	0	-174,922	0	0	0	1084,4846	11	0	
V6		1,9995 S_PE_MEIO_DESC	Combination	0	-25,012	0	0	0	1284,3685	11	1,9995	
V6		0 S_PE_DIR_A_DESC	Combination	0	-166,029	0	0	0	1048,4109	11	0	
V6		1,9995 S_PE_DIR_A_DESC	Combination	0	-16,12	0	0	0	1230,5143	11	1,9995	
V6		0 S_PE_DIR_M_DESC	Combination	0	-139,077	0	0	0	905,5089	11	0	
V6		1,9995 S_PE_DIR_M_DESC	Combination	0	2,834	0	0	0	1041,7177	11	1,9995	
V7		0 Descomp_esq_meioav	Combination	-5600	-2,836	0	0	0	-536,2461	12	0	
V7		1,9995 Descomp_esq_meioav	Combination	-5600	-116,641	0	0	0	-416,799	12	1,9995	
V7		0 Descomp_esq_apoio	Combination	-5600	16,115	0	0	0	-347,4501	12	0	
V7		1,9995 Descomp_esq_apoio	Combination	-5600	-89,691	0	0	0	-273,893	12	1,9995	
V7		0 Descom_meioav	Combination	-5600	25,008	0	0	0	-293,5945	12	0	
V7		1,9995 Descom_meioav	Combination	-5600	-80,798	0	0	0	-237,8177	12	1,9995	
V7		0 Descomp_dir_apoio	Combination	-5600	-16,1	0	0	0	-347,4486	12	0	
V7		1,9995 Descomp_dir_apoio	Combination	-5600	-121,906	0	0	0	-209,4774	12	1,9995	
V7		0 Descomp_dir_meioav	Combination	-5600	2,854	0	0	0	-536,2452	12	0	
V7		1,9995 Descomp_dir_meioav	Combination	-5600	-110,95	0	0	0	-428,1767	12	1,9995	
V7		0 ELU_esq_vao	Combination	3,492E-11	-21,357	4,911E-12	0	-3,602E-11	1389,2427	12	0	
V7		1,9995 ELU_esq_vao	Combination	3,492E-11	191,511	4,911E-12	0	-4,584E-11	1219,1316	12	1,9995	
V7		0 ELU_esq_apoio	Combination	3,492E-11	120,781	4,911E-12	0	0	-3,602E-11	2805,2129	12	0
V7		1,9995 ELU_esq_apoio	Combination	3,492E-11	393,634	4,911E-12	0	-4,584E-11	2290,9269	12	1,9995	
V7		0 ELU_meioav	Combination	3,492E-11	187,475	4,911E-12	0	0	-3,602E-11	3209,1303	12	0
V7		1,9995 ELU_meioav	Combination	3,492E-11	460,327	4,911E-12	0	-4,584E-11	2561,4917	12	1,9995	
V7		0 ELU_dir_apoio	Combination	3,492E-11	-120,832	4,911E-12	0	0	-3,602E-11	2805,2239	12	0
V7		1,9995 ELU_dir_apoio	Combination	3,492E-11	152,02	4,911E-12	0	-4,584E-11	2774,0437	12	1,9995	
V7		0 ELU_dir_vao	Combination	3,492E-11	21,324	4,911E-12	0	0	-3,602E-11	1389,2494	12	0
V7		1,9995 ELU_dir_vao	Combination	3,492E-11	234,191	4,911E-12	0	-4,584E-11	1133,7991	12	1,9995	
V7		0 S_PE_ESQ_M_DESC	Combination	0	-2,856	0	0	0	1041,7168	12	0	
V7		1,9995 S_PE_ESQ_M_DESC	Combination	0	139,055	0	0	0	905,5522	12	1,9995	
V7		0 S_PE_ESQ_A_DESC	Combination	0	16,095	0	0	0	1230,5128	12	0	
V7		1,9995 S_PE_ESQ_A_DESC	Combination	0	166,005	0	0	0	1048,4583	12	1,9995	
V7		0 S_PE_MEIO_DESC	Combination	0	24,988	0	0	0	1284,3685	12	0	
V7		1,9995 S_PE_MEIO_DESC	Combination	0	174,897	0	0	0	1084,5336	12	1,9995	
V7		0 S_PE_DIR_A_DESC	Combination	0	-16,12	0	0	0	1230,5143	12	0	
V7		1,9995 S_PE_DIR_A_DESC	Combination	0	133,79	0	0	0	1112,8739	12	1,9995	
V7		0 S_PE_DIR_M_DESC	Combination	0	2,834	0	0	0	1041,7177	12	0	
V7		1,9995 S_PE_DIR_M_DESC	Combination	0	144,746	0	0	0	894,1746	12	1,9995	
V8		0 Descomp_esq_meioav	Combination	-5600	-116,641	0	0	0	-416,799	10	0	
V8		4,80066 Descomp_esq_meioav	Combination	-5600	-389,877	0	0	0	799,0093	10	4,80066	
V8		0 Descomp_esq_apoio	Combination	-5600	-89,691	0	0	0	-273,893	10	0	
V8		4,80066 Descomp_esq_apoio	Combination	-5600	-343,724	0	0	0	766,4462	10	4,80066	
V8		0 Descom_meioav	Combination	-5600	-80,798	0	0	0	-237,8177	10	0	
V8		4,80066 Descom_meioav	Combination	-5600	-334,832	0	0	0	759,832	10	4,80066	
V8		0 Descomp_dir_apoio	Combination	-5600	-71,906	0	0	0	-209,4774	10	0	
V8		4,80066 Descomp_dir_apoio	Combination	-5600	-325,939	0	0	0	745,4827	10	4,80066	
V8		0 Descomp_dir_meioav	Combination	-5600	-110,95	0	0	0	-428,1767	10	0	
V8		4,80066 Descomp_dir_meioav	Combination	-5600	-384,186	0	0	0	760,3125	10	4,80066	
V8		0 ELU_esq_vao	Combination	2,619E-11	191,511	4,707E-12	0	-4,584E-11	1219,1316	10	0	
V8		4,80066 ELU_esq_vao	Combination	2,619E-11	702,591	4,707E-12	0	-6,843E-11	-927,0062	10	4,80066	
V8		0 ELU_esq_apoio	Combination	2,619E-11	393,634	4,707E-12	0	0	-4,584E-11			

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	P		V2		V3		T		M2		M3		FrameElem	ElemStation
				KN	KN	KN	KN	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m				
Text	m	Text	Text														m
V8		0 ELU_meioavao	Combination	2,619E-11	460,327	4,707E-12	0	-4,584E-11	2561,4917	10							0
V8	4,80066	ELU_meioavao	Combination	2,619E-11	1115,427	4,707E-12	0	-6,843E-11	-1220,8357	10							4,80066
V8		0 ELU_dir_apoio	Combination	2,619E-11	527,02	4,707E-12	0	-4,584E-11	2774,0437	10							0
V8	4,80066	ELU_dir_apoio	Combination	2,619E-11	1182,12	4,707E-12	0	-6,843E-11	-1328,4555	10							4,80066
V8		0 ELU_dir_vao	Combination	2,619E-11	234,191	4,707E-12	0	-4,584E-11	1133,7991	10							0
V8	4,80066	ELU_dir_vao	Combination	2,619E-11	745,271	4,707E-12	0	-6,843E-11	-1217,2323	10							4,80066
V8		0 S_PE_ESQ_M_DESC	Combination	0	139,055	0	0	0	905,5522	10							0
V8	4,80066	S_PE_ESQ_M_DESC	Combination	0	479,775	0	0	0	-579,8446	10							4,80066
V8		0 S_PE_ESQ_A_DESC	Combination	0	166,005	0	0	0	1048,4583	10							0
V8	4,80066	S_PE_ESQ_A_DESC	Combination	0	525,928	0	0	0	-612,4077	10							4,80066
V8		0 S_PE_MEIO_DESC	Combination	0	174,897	0	0	0	1084,5336	10							0
V8	4,80066	S_PE_MEIO_DESC	Combination	0	534,82	0	0	0	-619,0218	10							4,80066
V8		0 S_PE_DIR_A_DESC	Combination	0	183,79	0	0	0	1112,8739	10							0
V8	4,80066	S_PE_DIR_A_DESC	Combination	0	543,713	0	0	0	-633,3712	10							4,80066
V8		0 S_PE_DIR_M_DESC	Combination	0	144,746	0	0	0	894,1746	10							0
V8	4,80066	S_PE_DIR_M_DESC	Combination	0	485,466	0	0	0	-618,5414	10							4,80066
V9		0 Descomp_esq_meioavao	Combination	-5600	-389,877	0	0	0	799,0093	5							0
V9	1,7	Descomp_esq_meioavao	Combination	-5600	600,43	0	0	0	620,0386	5							1,7
V9		0 Descomp_esq_apoio	Combination	-5600	-343,724	0	0	0	766,4462	5							0
V9	1,7	Descomp_esq_apoio	Combination	-5600	653,383	0	0	0	503,2364	5							1,7
V9		0 Descom_meioavao	Combination	-5600	-334,832	0	0	0	759,832	5							0
V9	1,7	Descom_meioavao	Combination	-5600	662,275	0	0	0	481,5052	5							1,7
V9		0 Descomp_dir_apoio	Combination	-5600	-325,939	0	0	0	745,4827	5							0
V9	1,7	Descomp_dir_apoio	Combination	-5600	671,168	0	0	0	452,0387	5							1,7
V9		0 Descomp_dir_meioavao	Combination	-5600	-384,186	0	0	0	760,3125	5							0
V9	1,7	Descomp_dir_meioavao	Combination	-5600	606,121	0	0	0	571,6676	5							1,7
V9		0 ELU_esq_vao	Combination	3,492E-11	702,591	6,548E-12	0	-6,548E-11	-927,0062	5							0
V9	1,7	ELU_esq_vao	Combination	3,492E-11	883,574	6,548E-12	0	-7,662E-11	-2275,246	5							1,7
V9		0 ELU_esq_apoio	Combination	3,492E-11	1048,734	6,548E-12	0	-6,548E-11	-1171,2298	5							0
V9	1,7	ELU_esq_apoio	Combination	3,492E-11	1280,716	6,548E-12	0	-7,662E-11	-3151,2624	5							1,7
V9		0 ELU_meioavao	Combination	3,492E-11	1115,427	6,548E-12	0	-6,548E-11	-1220,8357	5							0
V9	1,7	ELU_meioavao	Combination	3,492E-11	1347,41	6,548E-12	0	-7,662E-11	-3314,2465	5							1,7
V9		0 ELU_dir_apoio	Combination	3,492E-11	1182,12	6,548E-12	0	-6,548E-11	-1328,4555	5							0
V9	1,7	ELU_dir_apoio	Combination	3,492E-11	1414,103	6,548E-12	0	-7,662E-11	-3535,245	5							1,7
V9		0 ELU_dir_vao	Combination	3,492E-11	745,271	6,548E-12	0	-6,548E-11	-1217,2323	5							0
V9	1,7	ELU_dir_vao	Combination	3,492E-11	926,254	6,548E-12	0	-7,662E-11	-2638,0285	5							1,7
V9		0 S_PE_ESQ_M_DESC	Combination	0	479,775	0	0	0	-579,8446	5							0
V9	1,7	S_PE_ESQ_M_DESC	Combination	0	600,43	0	0	0	-1498,0195	5							1,7
V9		0 S_PE_ESQ_A_DESC	Combination	0	525,928	0	0	0	-612,4077	5							0
V9	1,7	S_PE_ESQ_A_DESC	Combination	0	653,383	0	0	0	-1614,8217	5							1,7
V9		0 S_PE_MEIO_DESC	Combination	0	534,82	0	0	0	-619,0218	5							0
V9	1,7	S_PE_MEIO_DESC	Combination	0	662,275	0	0	0	-1636,5529	5							1,7
V9		0 S_PE_DIR_A_DESC	Combination	0	543,713	0	0	0	-633,3712	5							0
V9	1,7	S_PE_DIR_A_DESC	Combination	0	671,168	0	0	0	-1666,0193	5							1,7
V9		0 S_PE_DIR_M_DESC	Combination	0	485,466	0	0	0	-618,5414	5							0
V9	1,7	S_PE_DIR_M_DESC	Combination	0	606,121	0	0	0	-1546,3905	5							1,7
V10		0 Descomp_esq_meioavao	Combination	-5600	-442,918	0	0	0	620,0386	6							0
V10	2,1	Descomp_esq_meioavao	Combination	-5600	684,117	0	0	0	366,7793	6							2,1
V10		0 Descomp_esq_apoio	Combination	-5600	-433,042	0	0	0	503,2364	6							0
V10	2,1	Descomp_esq_apoio	Combination	-5600	685,593	0	0	0	238,0575	6							2,1
V10		0 Descom_meioavao	Combination	-5600	-435,112	0	0	0	481,5052	6							0
V10	2,1	Descom_meioavao	Combination	-5600	683,524	0	0	0	220,6726	6							2,1
V10		0 Descomp_dir_apoio	Combination	-5600	-458,918	0	0	0	452,0387	6							0
V10	2,1	Descomp_dir_apoio	Combination	-5600	668,117	0	0	0	232,3794	6							2,1
V10		0 Descomp_dir_meioavao	Combination	-5600	-467,525	0	0	0	571,6676	6							0
V10	2,1	Descomp_dir_meioavao	Combination	-5600	659,511	0	0	0	370,0825	6							2,1
V10		0 ELU_esq_vao	Combination	3,492E-11	-933,107	0	0	-7,858E-11	-2275,246	6							0
V10	2,1	ELU_esq_vao	Combination	3,492E-11	-646,54	0	0	-7,858E-11	-616,6157	6							2,1
V10		0 ELU_esq_apoio	Combination	3,492E-11	-859,038	0	0	-7,858E-11	-3151,2624	6							0
V10	2,1	ELU_esq_apoio	Combination	3,492E-11	-635,471	0	0	-7,858E-11	-1582,0289	6							2,1
V10		0 ELU_meioavao	Combination	3,492E-11	-874,56	0	0	-7,858E-11	-3314,2465	6							0
V10	2,1	ELU_meioavao	Combination	3,492E-11	-650,993	0	0	-7,858E-11	-1712,4161	6							2,1
V10		0 ELU_dir_apoio	Combination	3,492E-11	-1053,107	0	0	-7,858E-11	-3535,245	6							0
V10	2,1	ELU_dir_apoio	Combination	3,492E-11	-766,54	0	0	-7,858E-11	-1624,6149	6							2,1
V10		0 ELU_dir_vao	Combination	3,492E-11	-1117,658	0	0	-7,858E-11	-2638,0285	6							0
V10	2,1	ELU_dir_vao	Combination	3,492E-11	-831,091	0	0	-7,858E-11	-591,8417	6							2,1
V10		0 S_PE_ESQ_M_DESC	Combination	0	-536,28	0	0	0	-1498,0195	6							0
V10	2,1	S_PE_ESQ_M_DESC	Combination	0	-378,835	0	0	0	-537,1482	6							2,1
V10		0 S_PE_ESQ_A_DESC	Combination	0	-526,404	0	0	0	-1614,8217	6							0
V10	2,1	S_PE_ESQ_A_DESC	Combination	0	-377,359	0	0	0	-665,87	6							2,1
V10		0 S_PE_MEIO_DESC	Combination	0	-528,474	0	0	0	-1636,5529	6							0
V10	2,1	S_PE_MEIO_DESC	Combination	0	-379,429	0	0	0	-683,2549	6							2,1
V10		0 S_PE_DIR_A_DESC	Combination	0	-552,28	0	0	0	-1666,0193	6							0
V10	2,1	S_PE_DIR_A_DESC	Combination	0	-394,835	0	0	0	-671,5481	6							2,1
V10		0 S_PE_DIR_M_DESC	Combination	0	-560,887	0	0	0	-1546,3905	6							0
V10	2,1	S_PE_DIR_M_DESC	Combination	0	-403,442	0	0	0	-533,845	6							2,1
V11		0 Descomp_esq_meioavao	Combination	-5600	684,117	0	0	0	366,7793	7							0
V11	4,2	Descomp_esq_meioavao	Combination	-5600	29,395	0	0	0	-1131,5963	7							4,2
V11		0 Descomp_esq_apoio	Combination	-5600	685,593	0	0	0	238,0575	7							0
V11	4,2	Descomp_esq_apoio	Combination	-5600	14,071	0	0	0	-1231,2372	7							4,2
V11		0 Descom_meioavao	Combination	-5600	683,524	0	0	0	220,6726	7							0
V11	4,2	Descom_meioavao	Combination	-5600	12,001	0	0	0	-1239,9296	7							4,2
V11		0 Descomp_dir_apoio	Combination	-5600	668,117	0	0	0	232,3794	7							0
V11	4,2	Descomp_dir_apoio	Combination	-5600	13,395	0	0	0	-1198,7962	7							4,2
V11		0 Descomp_dir_meioavao	Combination	-5600	659,511	0	0	0	370,0825	7							0
V11	4,2	Descomp_dir_meioavao	Combination	-5600	4,788	0	0	0	-1024,9447	7							4,2
V11		0 ELU_esq_vao	Combination	0	-646,54	-6,548E-12	0	-6,548E-11	-616,6157	7							0
V11	4,2	ELU_esq_vao	Combination	0	-73,407	-6,548E-12	0	-3,798E-11	895,2732	7							4,2
V11		0 ELU_esq_apoio	Combination	0	-635,471	-6,548E-12	0	-6,548E-11	-1582,0289	7							0
V11	4,2	ELU_esq_apoio	Combination	0	-188,337	-6,548E-12	0	-3,798E-11	147,9666	7							4,2
V11		0 ELU_meioavao	Combination	0	-650,993	-6,548E-12	0	-6,548E-11	-1712,4161	7							0
V																	

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
V12	0	Descomp_dir_apoio	Combination	-5600	13,395	0	0	0	-1198,7962	8	0	
V12	4,2	Descomp_dir_apoio	Combination	-5600	-584,25	0	0	0	2,871E-13	8	4,2	
V12	0	Descomp_dir_meiovao	Combination	-5600	54,788	0	0	0	-1024,9447	8	0	
V12	4,2	Descomp_dir_meiovao	Combination	-5600	-542,857	0	0	0	3,496E-13	8	4,2	
V12	0	ELU_esq_vao	Combination	0	-73,407	-6,548E-12	0	-5,239E-11	895,2732	8	0	
V12	4,2	ELU_esq_vao	Combination	0	499,727	-6,548E-12	0	-2,488E-11	4,906E-13	8	4,2	
V12	0	ELU_esq_apoio	Combination	0	-188,337	-6,548E-12	0	-5,239E-11	147,9666	8	0	
V12	4,2	ELU_esq_apoio	Combination	0	258,797	-6,548E-12	0	-2,488E-11	3,876E-13	8	4,2	
V12	0	ELU_meiovao	Combination	0	-203,859	-6,548E-12	0	-5,239E-11	82,773	8	0	
V12	4,2	ELU_meiovao	Combination	0	243,275	-6,548E-12	0	-2,488E-11	5,17E-13	8	4,2	
V12	0	ELU_dir_apoio	Combination	0	-193,407	-6,548E-12	0	-5,239E-11	391,2736	8	0	
V12	4,2	ELU_dir_apoio	Combination	0	379,727	-6,548E-12	0	-2,488E-11	1,069E-13	8	4,2	
V12	0	ELU_dir_vao	Combination	0	117,043	-6,548E-12	0	-5,239E-11	1695,1602	8	0	
V12	4,2	ELU_dir_vao	Combination	0	690,176	-6,548E-12	0	-2,488E-11	5,758E-13	8	4,2	
V12	0	S_PE_ESQ_M_DESC	Combination	0	-63,946	0	0	0	392,6933	8	0	
V12	4,2	S_PE_ESQ_M_DESC	Combination	0	250,943	0	0	0	1,952E-13	8	4,2	
V12	0	S_PE_ESQ_A_DESC	Combination	0	-79,27	0	0	0	293,0524	8	0	
V12	4,2	S_PE_ESQ_A_DESC	Combination	0	218,819	0	0	0	1,814E-13	8	4,2	
V12	0	S_PE_MEIO_DESC	Combination	0	-81,34	0	0	0	284,3599	8	0	
V12	4,2	S_PE_MEIO_DESC	Combination	0	216,749	0	0	0	1,987E-13	8	4,2	
V12	0	S_PE_DIR_A_DESC	Combination	0	-79,946	0	0	0	325,4933	8	0	
V12	4,2	S_PE_DIR_A_DESC	Combination	0	234,943	0	0	0	1,44E-13	8	4,2	
V12	0	S_PE_DIR_M_DESC	Combination	0	-38,553	0	0	0	499,3449	8	0	
V12	4,2	S_PE_DIR_M_DESC	Combination	0	276,336	0	0	0	2,065E-13	8	4,2	