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Flanges

THE CALCULATION IS ONLY CARRIED OUT FOR THE FOLLOWING POINTS:

Line	Point	Pos	Text for section
1	37	n	FLANSCH DN700
1	39	v	FLANSCH DN700
1	47	n	FLANSCH DN600
1	49	v	FLANSCH DN600
7	95	n	FLANSCH DN700
7	97	v	FLANSCH DN700
7	109	n	FLANSCH DN600
7	111	v	FLANSCH DN600
11	155	n	FLANSCH DN100
11	157	v	FLANSCH DN100
14	161	n	FLANSCH DN100
14	163	v	FLANSCH DN100
15	197	n	FLANSCH DN100
15	199	v	FLANSCH DN100
16	169	n	FLANSCH DN100
16	171	v	FLANSCH DN100
16	187	n	FLANSCH DN100
16	189	v	FLANSCH DN100
18	222	n	FLANSCH DN700
18	221	v	FLANSCH DN700
18	255	n	FLANSCH DN600
18	256	v	FLANSCH DN600
18	272	n	FLANSCH DN600
18	271	v	FLANSCH DN600
20	449	n	FLANSCH DN600
20	524	n	FLANSCH DN500
20	525	v	FLANSCH DN500
21	242	n	FLANSCH DN700
21	241	v	FLANSCH DN700
22	293	v	W15001 FL. N4, DN600
22	293	n	FLANSCH DN600
22	299	v	FLANSCH DN500
22	299	n	W15001 FL. N3, DN500
22	346	n	FLANSCH DN500
22	347	v	FLANSCH DN500
22	359	n	FLANSCH DN500
22	361	v	FLANSCH DN500
22	385	v	FLANSCH DN700
32	331	n	FLANSCH DN100
32	333	v	FLANSCH DN100
32	339	n	FLANSCH DN100
32	341	v	FLANSCH DN100
33	391	n	FLANSCH DN500
33	393	v	FLANSCH DN500
34	401	n	FLANSCH DN50

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Line	Point	Pos	Text for section
34	403	v	FLANSCH DN50
37	535	n	FLANSCH DN200
37	533	v	FLANSCH DN200
43	554	n	FLANSCH DN500
43	555	v	FLANSCH DN500
44	485	v	FLANSCH DN100
45	531	n	FLANSCH DN150
45	551	v	FLANSCH DN150
49	451	n	FLANSCH DN500
49	453	v	FLANSCH DN500
49	471	v	N16007 FL. , DN500
49	471	n	FLANSCH DN500
49	473	v	FLANSCH DN500
49	473	n	N16007 FL. , DN500
49	479	v	AIR COMPRESSOR ST. 1.01
49	479	n	FLANSCH DN500

THE FOLLOWING LOAD CASES ARE TO BE CONSIDERED:

Lc-File	Lc-Array	Lc-Name	calculated at:
Gew1.erg	G1	Weight	09.05.05 12:27:18
Betr1H.erg	T1	Operation1H	09.05.05 12:27:22
Betr2H.erg	T2	Operation2H	09.05.05 12:27:28
Betr6.erg	T3	Operation6	09.05.05 12:27:34
Betr1K.erg	T4	Operation1K	09.05.05 12:27:41
Betr2K.erg	T5	Operation2K	09.05.05 12:27:47
Wind1.erg	W1	Wind1-X	09.05.05 12:27:52
Wind1.erg	W2	Wind1-Y	09.05.05 12:27:52

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Line 1 Point 37 n FLANSCH DN700
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.06	-0.09	-0.08	0.326	0.515	-8.563
	0.00	-0.01	0.00	7.055	-7.152	-1.354

Operation1H	4.19	-11.07	-0.95	-14.982	-6.697	-18.920
	-0.04	-0.05	-0.05	-1.102	-14.412	14.810

Operation2H	-0.14	-0.16	-0.17	-8.046	0.728	-10.515
	0.00	-0.01	0.00	9.901	-10.331	-1.635

Operation6	5.69	-10.66	-0.84	-18.234	-5.236	-17.986
	-0.03	-0.05	-0.03	2.136	-12.311	9.377

Operation1K	0.13	0.94	0.13	6.243	1.432	-5.599
	0.01	-0.01	0.00	7.750	-6.571	-5.153

Operation2K	0.04	0.10	0.06	1.508	-1.793	-9.068
	0.00	-0.02	0.00	5.368	-10.295	-0.726

Wind1-X	1.12	0.11	0.14	0.490	1.080	2.083
	0.01	0.00	0.00	-0.291	2.186	-1.584

Wind1-Y	0.08	0.53	0.10	-1.846	-0.362	-1.133
	0.00	0.00	0.00	-0.447	-0.355	1.774

Extreme value	6.81	-11.61	-1.10	-20.080	-7.777	-21.003
	-0.04	-0.06	-0.05	10.349	-16.598	16.584

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Line 1 Point 39 -v FLANSCH DN700
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.07	-0.09	-0.10	-0.326	-0.515	-0.524
	0.00	-0.01	0.00	-7.055	9.966	1.715
Operation1H	4.79	-9.35	-1.39	14.982	6.697	9.833
	-0.03	-0.05	-0.05	1.102	24.475	-19.498
Operation2H	-0.13	-0.13	-0.23	8.046	-0.728	1.427
	0.00	-0.01	0.00	-9.901	14.511	2.145
Operation6	6.09	-8.94	-1.22	18.234	5.236	8.899
	-0.03	-0.05	-0.03	-2.136	21.720	-13.042
Operation1K	0.08	0.78	0.22	-6.243	-1.432	-3.488
	0.01	-0.01	0.00	-7.750	7.310	6.155
Operation2K	0.04	0.13	0.12	-1.508	1.793	-0.020
	0.01	-0.02	0.00	-5.368	13.462	-0.528
Wind1-X	1.12	0.11	0.21	-0.490	-1.399	-2.083
	0.01	0.00	0.00	0.291	-3.644	2.451
Wind1-Y	0.10	0.53	0.15	1.846	0.362	1.133
	0.00	0.00	0.00	0.447	1.148	-2.028

Extreme value 7.20 -9.89 -1.60 20.080 8.097 11.915
 -0.04 -0.06 -0.05 -10.349 28.118 -21.949

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Line 1 Point 49 -v FLANSCH DN600
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.08	-0.09	-0.05	0.477	0.270	-12.644
	0.00	-0.01	0.00	-0.896	-1.097	0.427

Operation1H	6.66	-3.42	-2.54	13.882	-2.713	-15.168
	-0.02	-0.04	-0.04	-10.859	11.960	-9.738

Operation2H	-0.05	0.00	-0.27	5.760	-0.806	-12.264
	0.00	0.00	0.00	-6.056	0.194	6.943

Operation6	7.33	-2.96	-2.25	15.263	-1.314	-14.019
	-0.02	-0.05	-0.03	-12.082	8.219	-4.547

Operation1K	-0.02	0.23	0.60	-4.134	2.635	-12.207
	0.01	-0.01	0.00	2.490	-2.502	-0.769

Operation2K	0.02	0.26	0.46	-3.363	1.451	-12.572
	0.01	-0.02	0.00	1.746	-1.166	-1.949

Wind1-X	1.15	0.11	0.39	-0.233	1.007	0.830
	0.00	0.00	0.00	1.789	-2.819	0.777

Wind1-Y	0.16	0.53	0.30	-0.288	0.310	0.706
	0.00	0.00	0.00	-0.368	-3.048	0.208

Extreme value	8.48	-3.95	-2.93	15.551	-3.720	-15.998
	-0.02	-0.05	-0.04	-13.871	15.008	-10.516

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			Ber. Nr.: KO 01/02

Line 7 Point 95 n FLANSCH DN700
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.08	-0.04	-0.08	0.347	-0.506	-8.714
	0.00	0.01	0.00	-6.908	-7.321	1.390

Operation1H	0.56	-0.21	-0.40	-3.998	-0.766	-9.023
	-0.01	0.00	0.01	-11.573	-7.282	-0.425

Operation2H	-5.15	-11.34	-1.16	-14.102	2.617	-15.168
	-0.05	0.03	0.10	-2.601	-8.622	-1.671

Operation6	-5.79	-10.84	-0.99	-17.962	2.815	-15.210
	-0.04	0.04	0.09	-5.057	-7.906	0.132

Operation1K	-0.08	0.09	0.08	0.278	2.513	-9.067
	0.01	0.02	0.00	-5.079	-10.411	-0.455

Operation2K	-0.09	0.85	0.10	6.067	-1.098	-5.601
	0.01	0.01	-0.01	-7.691	-6.353	4.387

Wind1-X	1.16	-0.20	-0.24	-0.590	0.883	-1.803
	-0.01	-0.01	0.00	-0.801	-1.150	-1.269

Wind1-Y	-0.14	0.80	0.17	-1.648	0.578	-1.497
	0.01	0.01	0.00	0.998	-1.180	-2.088

Extreme value	-6.95	-12.14	-1.41	-19.611	3.698	-17.013
	-0.06	0.05	0.10	-12.571	-11.591	6.475

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Line 7 Point 97 -v FLANSCH DN700
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.09	-0.04	-0.10	-0.347	0.506	-0.374
	0.00	0.01	0.00	6.908	10.240	-1.744

Operation1H	0.49	-0.18	-0.57	3.998	0.766	-0.064
	-0.01	0.00	0.01	11.573	10.417	-0.111

Operation2H	-6.32	-9.62	-1.72	14.102	-2.617	6.081
	-0.04	0.03	0.10	2.601	16.059	3.503

Operation6	-6.86	-9.11	-1.46	17.962	-2.815	6.123
	-0.04	0.04	0.09	5.057	15.372	1.838

Operation1K	-0.07	0.12	0.15	-0.278	-2.513	-0.020
	0.01	0.02	0.00	5.079	13.577	2.214

Operation2K	-0.02	0.69	0.17	-6.067	1.098	-3.486
	0.01	0.01	-0.01	7.691	7.093	-5.156

Wind1-X	1.18	-0.20	-0.36	0.590	-1.203	1.803
	-0.01	-0.01	0.00	0.801	2.412	1.999

Wind1-Y	-0.14	0.80	0.25	1.648	-0.578	1.497
	0.01	0.01	0.00	-0.998	2.227	2.493

Extreme value	-8.03	-10.42	-2.08	19.611	-4.017	7.926
	-0.05	0.05	0.10	12.571	18.470	-7.649

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Line 7 Point 109 n FLANSCH DN600
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.10	-0.04	-0.08	-0.018	0.236	5.550
	0.00	0.01	0.00	0.047	-4.681	1.206
Operation1H	0.30	-0.08	-0.98	1.518	-0.375	4.223
	-0.01	0.00	0.01	-1.866	3.857	8.710
Operation2H	-9.39	-5.15	-3.08	-2.063	2.009	5.525
	-0.04	0.03	0.10	-10.519	4.438	21.217
Operation6	-9.72	-4.61	-2.63	-2.421	3.249	4.316
	-0.04	0.04	0.10	-10.966	9.727	26.858
Operation1K	-0.01	0.22	0.43	1.486	2.155	5.558
	0.01	0.02	0.00	2.926	-6.076	-5.103
Operation2K	0.16	0.27	0.42	2.771	2.751	5.265
	0.01	0.01	-0.01	3.455	-4.765	-2.432
Wind1-X	1.22	-0.20	-0.65	-0.182	-1.182	0.634
	-0.01	-0.01	0.00	-1.577	-1.649	-0.980
Wind1-Y	-0.13	0.80	0.47	1.808	0.209	-0.605
	0.01	0.01	0.00	-0.485	4.385	1.306

Extreme value	-10.94	-5.96	-3.74	4.579	4.431	6.192
	-0.05	0.04	0.11	-12.543	14.113	28.163

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Line 7 Point 111 -v FLANSCH DN600
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.10	-0.04	-0.05	0.018	-0.236	-12.174
	0.00	0.01	0.00	-0.047	-0.637	-1.064

Operation1H	0.21	-0.05	-1.13	-1.518	0.375	-10.848
	-0.01	0.00	0.01	1.866	-8.379	-8.935

Operation2H	-10.48	-3.68	-3.54	2.063	-2.009	-12.150
	-0.04	0.02	0.11	10.519	-9.741	-20.012

Operation6	-10.76	-3.13	-3.04	2.421	-3.249	-10.941
	-0.04	0.03	0.10	10.966	-14.305	-24.908

Operation1K	0.02	0.25	0.54	-1.486	-2.155	-12.183
	0.01	0.02	0.00	-2.926	0.753	6.396

Operation2K	0.22	0.14	0.52	-2.771	-2.751	-11.889
	0.01	0.01	-0.01	-3.455	-0.382	4.083

Wind1-X	1.25	-0.20	-0.74	0.182	0.937	-0.634
	-0.01	-0.01	0.00	1.577	1.269	0.344

Wind1-Y	-0.13	0.80	0.53	-1.808	-0.209	0.605
	0.01	0.01	0.00	0.485	-4.022	-1.180

Extreme value	-12.00	-4.48	-4.28	-4.579	-4.185	-12.817
	-0.05	0.04	0.11	12.543	-18.328	-26.088

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Line 11 Point 155 n FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.06	-0.10	-0.70	0.011	0.006	-0.104
	0.02	-0.02	0.00	0.057	-0.068	0.002

Operation1H	3.53	-10.47	-2.46	0.229	1.114	-0.150
	-0.02	-0.07	0.10	0.059	-0.068	0.191

Operation2H	-0.20	-0.15	-0.74	0.014	0.010	-0.112
	0.01	-0.02	0.00	0.061	-0.069	0.004

Operation6	4.56	-10.42	-2.43	0.203	0.922	-0.146
	-0.01	-0.07	0.09	0.060	-0.069	0.158

Operation1K	0.14	0.93	-0.50	0.003	-0.119	-0.088
	0.03	-0.02	-0.01	0.056	-0.066	-0.015

Operation2K	-0.02	0.08	-0.81	0.008	0.005	-0.114
	0.02	-0.03	0.00	0.060	-0.068	0.003

Wind1-X	1.12	0.12	0.09	-0.007	-0.052	0.005
	0.01	0.00	0.00	-0.002	0.001	0.008

Wind1-Y	0.07	0.55	-0.02	-0.080	-0.015	-0.017
	0.00	0.00	0.00	0.003	-0.002	-0.007

Extreme value	5.69	-11.02	-2.56	0.309	1.166	-0.167
	0.03	-0.08	0.10	0.065	-0.071	0.199

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Line11Point157-vFLANSCH DN100

Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.06	-0.10	-0.68	-0.011	-0.006	-0.078
	0.02	-0.02	0.00	-0.057	0.068	-0.002
Operation1H	3.43	-10.33	-2.48	-0.229	-1.114	-0.032
	-0.02	-0.07	0.10	-0.059	0.071	-0.128
Operation2H	-0.20	-0.15	-0.72	-0.014	-0.010	-0.070
	0.01	-0.02	0.00	-0.061	0.071	-0.003
Operation6	4.48	-10.28	-2.44	-0.203	-0.922	-0.036
	-0.01	-0.07	0.09	-0.060	0.072	-0.106
Operation1K	0.15	0.92	-0.47	-0.003	0.119	-0.094
	0.03	-0.02	-0.01	-0.056	0.066	0.008
Operation2K	-0.02	0.09	-0.79	-0.008	-0.005	-0.068
	0.02	-0.03	0.00	-0.060	0.069	-0.002
Wind1-X	1.13	0.12	0.10	0.007	0.045	-0.005
	0.01	0.00	0.00	0.002	-0.001	-0.011
Wind1-Y	0.08	0.55	-0.02	0.080	0.015	0.017
	0.00	0.00	0.00	-0.003	0.003	0.007

Extreme value	5.60	-10.88	-2.58	-0.309	-1.159	-0.111
	0.03	-0.08	0.10	-0.065	0.074	-0.139

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Line 14 Point 161 n FLANSCH DN100
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.08	-0.05	-0.71	0.010	-0.005	-0.106
	0.02	0.02	0.00	-0.058	-0.068	-0.002

Operation1H	0.63	-0.12	-0.81	-0.008	0.004	-0.118
	0.01	0.02	0.00	-0.065	-0.071	0.000

Operation2H	-4.36	-9.67	-2.24	0.243	-1.103	-0.173
	-0.03	0.05	-0.05	-0.065	-0.072	-0.192

Operation6	-4.50	-9.36	-2.34	0.179	-0.885	-0.181
	-0.02	0.06	-0.03	-0.069	-0.074	-0.152

Operation1K	-0.03	0.04	-0.83	0.003	-0.003	-0.112
	0.02	0.03	0.00	-0.060	-0.068	-0.002

Operation2K	-0.11	0.78	-0.51	0.004	0.117	-0.084
	0.03	0.02	0.01	-0.055	-0.065	0.015

Wind1-X	1.17	-0.23	-0.08	0.009	-0.054	-0.004
	-0.01	-0.01	0.00	-0.002	-0.001	0.008

Wind1-Y	-0.14	0.77	-0.04	-0.086	0.018	-0.024
	0.01	0.01	0.00	-0.004	-0.002	0.009

Extreme value	-5.67	-10.45	-2.42	0.329	-1.157	-0.205
	-0.04	0.07	-0.05	-0.074	-0.076	-0.201

	Projekt :	ASU No. 9, Kosice	Seite 149 von 198
			Ber. Nr.: KO 01/02

Line 14 Point 163 -v FLANSCH DN100
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.08	-0.05	-0.70	-0.010	0.005	-0.076
	0.02	0.02	0.00	0.058	0.069	0.002

Operation1H	0.63	-0.11	-0.81	0.008	-0.004	-0.064
	0.01	0.02	0.00	0.065	0.072	0.000

Operation2H	-4.31	-9.53	-2.27	-0.243	1.103	-0.009
	-0.03	0.05	-0.05	0.065	0.076	0.130

Operation6	-4.47	-9.22	-2.36	-0.179	0.885	-0.002
	-0.02	0.06	-0.03	0.069	0.079	0.102

Operation1K	-0.02	0.05	-0.80	-0.003	0.003	-0.070
	0.02	0.03	0.00	0.060	0.069	0.002

Operation2K	-0.12	0.76	-0.48	-0.004	-0.117	-0.098
	0.03	0.02	0.01	0.055	0.065	-0.008

Wind1-X	1.17	-0.23	-0.09	-0.009	0.047	0.004
	-0.01	-0.01	0.00	0.002	0.001	-0.010

Wind1-Y	-0.14	0.77	-0.03	0.086	-0.018	0.024
	0.01	0.01	0.00	0.004	0.004	-0.008

Extreme value	-5.64	-10.31	-2.45	-0.329	1.150	-0.122
	-0.04	0.07	-0.05	0.074	0.082	0.141

	Projekt :	ASU No. 9, Kosice	Seite 151 von 198
			Ber. Nr.: KO 01/02

Line 15 Point 199 -v FLANSCH DN100
Local Coordinate System :
Xi= 0.000 0.000 1.000 Yi= 0.000 1.000 0.000 Zi= -1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.10	0.00	-0.45	0.416	-0.011	0.042
	-0.01	0.00	0.00	-0.003	-0.072	0.024

Operation1H	8.46	3.56	-1.66	0.285	0.284	0.332
	0.00	0.15	-0.07	0.203	-0.231	-0.073

Operation2H	4.70	0.98	0.82	1.925	0.094	1.410
	-0.05	0.37	-0.10	0.281	-0.126	-0.105

Operation6	8.59	3.76	-1.44	0.449	0.334	0.320
	0.01	0.15	-0.06	0.233	-0.239	-0.050

Operation1K	-0.53	-0.44	0.17	0.643	-0.042	-0.005
	0.00	-0.04	0.01	-0.011	-0.061	0.045

Operation2K	-0.59	-0.34	0.09	0.595	-0.063	0.009
	0.00	-0.03	0.01	-0.017	-0.072	0.041

Wind1-X	0.78	0.08	0.31	0.123	-0.021	-0.104
	0.00	-0.04	0.01	-0.041	0.008	0.005

Wind1-Y	0.16	0.58	0.27	0.184	-0.025	0.014
	0.00	0.00	0.00	-0.021	-0.006	0.040

Extreme value	9.37	4.34	-1.98	2.109	0.359	1.514
	-0.05	0.40	-0.11	0.322	-0.248	-0.145

	Projekt :	ASU No. 9, Kosice	Seite 152 von 198
			Ber. Nr.: KO 01/02

Line 16 Point 169 n FLANSCH DN100
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.00	-0.10	-0.04	-0.029	0.022	-0.562
	-0.02	0.01	0.00	-0.006	0.210	0.024
Operation1H	2.24	0.36	-0.21	-0.557	-0.679	-1.336
	-0.07	0.21	-0.09	0.271	0.667	-0.710
Operation2H	2.22	-0.07	0.06	-0.515	-0.167	-0.484
	0.03	0.20	-0.08	0.173	-0.004	-0.240
Operation6	2.20	0.38	-0.20	-0.517	-0.743	-1.256
	-0.07	0.22	-0.08	0.273	0.596	-0.799
Operation1K	-0.05	-0.05	0.00	0.034	0.066	-0.356
	0.01	-0.02	0.01	-0.043	0.050	0.060
Operation2K	-0.10	0.17	0.00	-0.003	0.069	-0.384
	0.00	-0.02	0.01	-0.037	0.059	0.065
Wind1-X	-0.01	0.15	0.03	0.040	-0.294	0.113
	0.01	0.02	0.00	0.008	-0.083	-0.208
Wind1-Y	0.01	0.56	0.02	0.120	-0.022	0.105
	0.01	0.00	0.00	0.002	-0.065	-0.016

Extreme value 2.24 0.94 -0.24 -0.678 -1.036 -1.449
 -0.08 0.24 -0.09 0.281 0.749 -1.007

	Projekt :	ASU No. 9, Kosice	Seite 153 von 198
			Ber. Nr.: KO 01/02

Line 16 Point 171 -v FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.01	-0.10	-0.05	0.029	-0.022	0.379
	-0.02	0.01	0.00	0.006	-0.183	-0.023
Operation1H	2.33	0.50	-0.29	0.557	0.679	1.153
	-0.07	0.21	-0.09	-0.271	-0.597	0.672
Operation2H	2.30	0.07	0.09	0.515	0.167	0.301
	0.03	0.20	-0.08	-0.173	0.026	0.230
Operation6	2.28	0.52	-0.27	0.517	0.743	1.073
	-0.07	0.22	-0.08	-0.273	-0.530	0.757
Operation1K	-0.06	-0.07	0.01	-0.034	-0.066	0.173
	0.01	-0.02	0.01	0.043	-0.035	-0.056
Operation2K	-0.11	0.16	0.00	0.003	-0.069	0.201
	0.00	-0.02	0.01	0.037	-0.043	-0.061
Wind1-X	-0.01	0.15	0.04	-0.040	0.287	-0.113
	0.01	0.02	0.00	-0.008	0.076	0.192
Wind1-Y	0.01	0.56	0.03	-0.120	0.022	-0.105
	0.01	0.00	0.00	-0.002	0.059	0.014

Extreme value	2.34	1.08	-0.32	0.678	1.030	1.266
	-0.09	0.24	-0.10	-0.281	-0.673	0.949

	Projekt :	ASU No. 9, Kosice	Seite 154 von 198
			Ber. Nr.: KO 01/02

Line 16 Point 187 n FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.13	-0.09	-0.27	-0.035	-0.063	0.340
	-0.04	-0.03	-0.02	-0.019	0.164	0.091

Operation1H	-3.09	0.00	-0.75	-0.455	0.468	0.741
	-0.11	-0.17	0.15	-0.173	0.481	-0.375

Operation2H	-2.54	1.29	-0.86	-0.599	0.684	0.831
	-0.13	-0.22	0.09	-0.254	0.539	-0.697

Operation6	-2.53	1.66	-0.87	-0.600	0.699	0.839
	-0.13	-0.22	0.09	-0.256	0.504	-0.729

Operation1K	0.31	0.08	-0.25	0.016	-0.126	0.288
	-0.04	-0.01	-0.04	-0.006	0.118	0.151

Operation2K	0.42	-0.27	-0.24	0.034	-0.122	0.287
	-0.03	-0.02	-0.04	-0.004	0.133	0.139

Wind1-X	0.02	-0.20	-0.01	0.015	-0.208	0.026
	0.00	-0.02	-0.01	-0.017	0.053	0.158

Wind1-Y	0.01	0.73	-0.04	0.040	0.016	0.007
	0.00	-0.01	0.00	-0.009	-0.010	0.011

Extreme value	-3.11	2.40	-0.91	-0.641	0.907	0.865
	-0.13	-0.24	0.16	-0.273	0.593	-0.887

	Projekt :	ASU No. 9, Kosice	Seite 155 von 198
			Ber. Nr.: KO 01/02

Line 16 Point 189 -v FLANSCH DN100
Local Coordinate System :
Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.11	-0.09	-0.23	0.035	0.063	-0.523
	-0.04	-0.03	-0.02	0.019	-0.188	-0.094

Operation1H	-2.95	0.00	-0.64	0.455	-0.468	-0.924
	-0.11	-0.17	0.15	0.173	-0.528	0.402

Operation2H	-2.45	1.15	-0.74	0.599	-0.684	-1.014
	-0.13	-0.22	0.09	0.254	-0.591	0.736

Operation6	-2.45	1.52	-0.75	0.600	-0.699	-1.022
	-0.13	-0.22	0.09	0.256	-0.557	0.768

Operation1K	0.27	0.09	-0.22	-0.016	0.126	-0.471
	-0.03	-0.01	-0.04	0.006	-0.139	-0.158

Operation2K	0.38	-0.26	-0.21	-0.034	0.122	-0.470
	-0.03	-0.02	-0.04	0.004	-0.155	-0.145

Wind1-X	0.01	-0.20	0.00	-0.015	0.215	-0.026
	0.00	-0.02	-0.01	0.017	-0.055	-0.169

Wind1-Y	0.01	0.73	-0.03	-0.040	-0.016	-0.007
	0.00	-0.01	0.00	0.009	0.009	-0.010

Extreme value	-2.96	2.26	-0.78	0.641	-0.914	-1.048
	-0.13	-0.24	0.16	0.273	-0.646	0.938

	Projekt :	ASU No. 9, Kosice	Seite 156 von 198
			Ber. Nr.: KO 01/02

Line 18 Point 222 n FLANSCH DN700
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.15	-0.56	0.48	0.091	-1.732	-4.096
	0.02	-0.01	0.00	-5.789	1.829	2.533

Operation1H	0.00	1.55	12.52	-5.828	-4.649	1.238
	-0.08	-0.02	-0.01	-12.711	-7.534	5.947

Operation2H	0.96	1.22	-0.33	-5.657	2.058	-5.136
	-0.04	0.04	0.01	-4.802	-5.455	-1.521

Operation6	1.95	-1.13	14.95	-1.574	-3.251	2.636
	-0.01	0.05	0.00	-14.450	4.510	7.166

Operation1K	0.14	0.06	0.22	-4.495	-3.828	-4.159
	0.02	0.00	-0.01	-5.457	2.429	7.547

Operation2K	0.16	0.03	0.64	-4.170	-3.143	-3.492
	0.00	0.00	-0.01	-6.639	0.532	6.649

Wind1-X	0.71	-0.49	0.42	0.519	4.003	0.385
	0.01	0.03	0.02	-0.564	2.466	-6.292

Wind1-Y	0.11	0.43	-0.46	0.911	1.030	-0.154
	-0.01	0.01	0.00	0.134	-1.444	-1.114

Extreme value	2.66	2.04	15.41	-6.739	-8.651	-5.521
	-0.10	0.09	0.03	-15.014	-10.000	13.839

	Projekt :	ASU No. 9, Kosice	Seite 157 von 198
			Ber. Nr.: KO 01/02

Line 18 Point 221 -v FLANSCH DN700
Local Coordinate System :
Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.19	-0.56	0.31	-0.091	1.732	-4.958
	0.02	-0.01	0.00	5.789	-2.109	-3.658

Operation1H	-0.12	-0.05	13.44	5.828	4.649	-10.293
	-0.08	-0.02	-0.01	12.711	3.787	-8.968

Operation2H	1.11	1.12	0.08	5.657	-2.058	-3.918
	-0.04	0.04	0.01	4.802	5.851	2.859

Operation6	1.96	-2.73	15.05	1.574	3.251	-11.690
	-0.01	0.05	0.00	14.450	-9.166	-9.279

Operation1K	0.07	0.02	0.02	4.495	3.828	-4.895
	0.02	0.00	-0.01	5.457	-2.668	-10.035

Operation2K	0.08	-0.07	0.62	4.170	3.143	-5.562
	0.00	0.00	-0.01	6.639	-1.205	-8.691

Wind1-X	0.89	-0.49	0.26	-0.519	-3.522	-0.385
	0.01	0.03	0.02	0.564	-2.716	8.737

Wind1-Y	0.15	0.43	-0.35	-0.911	-1.030	0.154
	-0.01	0.01	0.00	-0.134	1.544	1.783

Extreme value	2.84	-3.22	15.40	6.739	8.170	-12.075
	-0.10	0.09	0.03	15.014	-11.882	-18.772

	Projekt :	ASU No. 9, Kosice	Seite 158 von 198
			Ber. Nr.: KO 01/02

Line 18 Point 255 n FLANSCH DN600
Local Coordinate System :
Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.28	-0.56	-0.41	0.122	0.586	-0.858
	0.02	-0.01	0.00	-1.207	-4.111	2.187

Operation1H	-0.47	-6.23	17.00	-6.939	2.384	-3.490
	-0.08	-0.01	-0.01	1.487	1.255	0.718

Operation2H	1.65	0.71	1.83	3.562	0.359	6.746
	-0.05	0.05	0.02	-15.428	-29.793	11.239

Operation6	2.18	-8.97	15.20	-4.229	4.352	-6.642
	0.00	0.06	0.01	-5.742	17.698	14.707

Operation1K	-0.06	-0.13	-0.80	-4.464	1.602	-1.272
	0.02	0.00	0.00	-2.240	-2.435	4.992

Operation2K	-0.08	-0.48	0.46	-4.472	1.352	-2.506
	0.00	0.00	0.00	-0.288	2.140	4.204

Wind1-X	1.46	-0.49	-0.42	-0.776	2.675	-1.491
	0.02	0.03	0.01	0.955	4.548	3.609

Wind1-Y	0.27	0.43	0.07	-5.605	0.758	-3.602
	-0.01	0.01	0.00	-0.627	6.995	0.087

Extreme value	3.64	-9.46	17.42	-12.544	7.028	10.348
	-0.10	0.10	0.03	-16.383	-36.788	18.316

	Projekt :	ASU No. 9, Kosice	Seite 159 von 198
			Ber. Nr.: KO 01/02

Line 18 Point 256 -v FLANSCH DN600
Local Coordinate System :
Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.29	-0.56	-0.57	-0.122	-0.586	-5.764
	0.01	-0.01	0.00	1.207	2.639	-1.836

Operation1H	-0.53	-7.71	17.84	6.939	-2.384	-3.131
	-0.08	-0.01	-0.01	-1.487	-1.147	0.712

Operation2H	1.81	0.62	2.37	-3.562	-0.359	-13.367
	-0.05	0.05	0.02	15.428	23.761	-11.024

Operation6	2.30	-10.45	15.15	4.229	-4.352	0.020
	0.01	0.06	0.01	5.742	-15.700	-12.096

Operation1K	-0.07	-0.16	-0.99	4.464	-1.602	-5.350
	0.02	0.00	0.00	2.240	1.212	-4.031

Operation2K	-0.09	-0.57	0.41	4.472	-1.352	-4.116
	0.00	0.00	0.00	0.288	-2.624	-3.394

Wind1-X	1.60	-0.49	-0.60	0.776	-2.278	1.491
	0.02	0.03	0.01	-0.955	-3.653	-2.123

Wind1-Y	0.29	0.44	0.14	5.605	-0.758	3.602
	-0.01	0.01	0.00	0.627	-4.834	0.368

Extreme value	3.91	-10.94	18.44	12.544	-6.630	-16.969
	-0.10	0.10	0.03	16.383	28.595	-14.219

	Projekt :	ASU No. 9, Kosice	Seite 161 von 198
			Ber. Nr.: KO 01/02

Line 18 Point 271 -v FLANSCH DN600
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.20	-0.59	-0.45	0.085	0.718	-1.081
	0.02	0.01	0.00	-1.447	3.523	-2.466

Operation1H	-1.66	0.45	1.56	-2.546	0.723	5.318
	-0.04	-0.05	-0.02	-16.651	24.228	-11.588

Operation2H	0.43	-6.43	16.84	7.449	2.481	-4.279
	-0.07	0.01	0.01	0.821	-2.737	-0.583

Operation6	-2.18	-9.51	14.73	5.877	4.184	-8.802
	0.02	-0.06	-0.01	-6.501	-23.528	-12.879

Operation1K	0.10	-0.51	0.41	4.523	1.300	-2.904
	0.01	0.00	0.00	0.097	-3.423	-3.745

Operation2K	0.07	-0.14	-0.85	4.440	1.604	-1.926
	0.02	0.00	0.00	-1.743	0.099	-4.655

Wind1-X	1.46	0.49	0.42	-0.805	-2.677	1.539
	-0.02	0.03	0.01	-0.965	4.585	3.627

Wind1-Y	-0.24	0.45	0.08	5.500	0.716	-3.527
	-0.01	-0.01	0.00	-0.555	-6.839	0.010

Extreme value	-3.64	-10.01	17.26	12.949	6.861	-12.329
	-0.09	-0.10	-0.03	-17.616	31.067	-16.506

	Projekt :	ASU No. 9, Kosice	Seite 162 von 198
			Ber. Nr.: KO 01/02

Line 20 Point 449 n FLANSCH DN600
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.11	0.75	0.13	0.000	0.000	0.374
	0.02	0.00	-0.01	0.000	0.000	0.000
Operation1H	-0.24	3.08	-0.03	0.000	0.000	0.374
	0.00	0.00	0.00	0.000	0.000	0.000
Operation2H	-0.24	3.08	-0.03	0.000	0.000	0.374
	0.00	0.00	0.00	0.000	0.000	0.000
Operation6	0.94	12.91	-0.36	0.000	0.000	0.374
	-0.04	0.00	0.02	0.000	0.000	0.000
Operation1K	-0.24	3.08	-0.03	0.000	0.000	0.374
	0.00	0.00	0.00	0.000	0.000	0.000
Operation2K	-0.24	3.08	-0.03	0.000	0.000	0.374
	0.00	0.00	0.00	0.000	0.000	0.000
Wind1-X	-0.12	-0.14	-0.01	0.000	0.000	0.000
	0.00	0.00	0.02	0.000	0.000	0.000
Wind1-Y	0.02	1.76	0.10	0.000	0.000	0.000
	0.01	-0.01	0.00	0.000	0.000	0.000

Extreme value	1.06	14.67	-0.46	0.000	0.000	0.374
	-0.06	-0.02	0.03	0.000	0.000	0.000

	Projekt :	ASU No. 9, Kosice	Seite 163 von 198
			Ber. Nr.: KO 01/02

Line 20 Point 524 n FLANSCH DN500
Local Coordinate System :
Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.27	0.75	-0.30	0.015	-0.397	-1.804
	0.01	0.00	-0.01	0.285	-2.976	0.428
Operation1H	-0.19	2.83	0.05	-1.079	-0.077	-1.135
	0.00	0.00	0.00	0.283	-2.238	0.106
Operation2H	-0.19	2.83	0.05	-1.079	-0.077	-1.136
	0.00	0.00	0.00	0.283	-2.239	0.106
Operation6	1.40	11.83	0.85	-1.018	0.083	-0.915
	-0.05	0.00	0.02	0.282	-1.995	-0.067
Operation1K	-0.19	2.83	0.05	-1.079	-0.077	-1.135
	0.00	0.00	0.00	0.283	-2.238	0.107
Operation2K	-0.19	2.83	0.05	-1.079	-0.077	-1.135
	0.00	0.00	0.00	0.283	-2.238	0.107
Wind1-X	0.29	-0.14	0.02	-0.035	0.573	0.082
	0.00	0.00	0.01	0.000	0.090	-0.842
Wind1-Y	-0.06	1.76	-0.24	0.089	0.369	-1.088
	0.01	-0.01	0.00	0.004	-1.201	-0.433

Extreme value	1.70	13.59	1.10	-1.168	-0.970	-2.892
	-0.06	-0.02	0.03	0.289	-4.177	1.270

	Projekt :	ASU No. 9, Kosice	Seite 164 von 198
			Ber. Nr.: KO 01/02

Line 20 Point 525 -v FLANSCH DN500
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.30	0.75	-0.33	-0.015	0.397	-1.070
	0.01	0.00	-0.01	-0.285	3.023	-0.478
Operation1H	-0.19	2.81	0.06	1.079	0.077	-1.738
	0.00	0.00	0.00	-0.283	2.200	-0.116
Operation2H	-0.19	2.81	0.06	1.079	0.077	-1.738
	0.00	0.00	0.00	-0.283	2.200	-0.116
Operation6	1.44	11.75	0.95	1.018	-0.083	-1.958
	-0.05	0.00	0.02	-0.282	1.929	0.077
Operation1K	-0.19	2.81	0.06	1.079	0.077	-1.738
	0.00	0.00	0.00	-0.283	2.200	-0.116
Operation2K	-0.19	2.81	0.06	1.079	0.077	-1.738
	0.00	0.00	0.00	-0.283	2.200	-0.116
Wind1-X	0.33	-0.14	0.02	0.035	-0.522	-0.082
	0.00	0.00	0.01	0.000	-0.101	0.911
Wind1-Y	-0.07	1.76	-0.27	-0.089	-0.369	1.088
	0.01	-0.01	0.00	-0.004	1.340	0.480

Extreme value	1.77	13.51	1.23	1.168	0.919	-3.046
	-0.06	-0.02	0.03	-0.289	4.362	-1.389

	Projekt :	ASU No. 9, Kosice	Seite 167 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 293 -v W15001 FL. N4, DN600
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.07	-0.09	-0.01	0.309	0.152	1.822
	0.00	0.00	0.00	-1.729	0.569	-0.119

Operation1H	0.60	-0.38	3.49	20.504	-2.436	2.419
	0.00	0.04	-0.02	-0.624	-10.228	-4.874

Operation2H	0.12	-0.95	3.50	22.188	-0.654	1.646
	0.01	0.04	0.01	-6.540	-10.192	0.159

Operation6	0.78	-1.47	3.34	15.121	-0.506	-2.193
	0.02	0.05	0.01	-13.839	-6.918	-5.689

Operation1K	-0.21	-0.21	0.07	4.321	-0.419	0.834
	0.00	0.00	0.00	-3.982	0.549	-0.545

Operation2K	-0.21	-0.19	0.07	4.590	-0.541	0.877
	0.00	0.00	0.00	-3.807	0.534	-0.670

Wind1-X	1.15	-0.01	-0.03	-1.803	-0.011	-0.069
	0.00	0.00	0.00	0.883	0.554	0.215

Wind1-Y	0.05	0.38	-0.03	0.061	0.320	-2.318
	0.00	0.00	-0.01	3.612	0.943	-0.658

Extreme value	1.93	-1.86	3.53	23.991	-2.757	4.736
	0.02	0.05	-0.02	-17.450	-11.171	-6.346

	Projekt :	ASU No. 9, Kosice	Seite 169 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 299 -v FLANSCH DN500
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.07	-0.22	-0.14	0.033	-0.544	1.650
	0.00	-0.01	0.01	0.546	-0.006	-0.048

Operation1H	-5.49	-0.53	3.08	9.083	-3.801	3.556
	0.00	-0.04	0.01	-0.366	-2.645	1.904

Operation2H	-5.96	-1.11	3.04	9.307	-2.417	3.504
	0.01	-0.05	0.00	-0.403	-2.637	2.291

Operation6	-5.36	-3.31	3.36	8.877	-6.152	3.500
	0.01	-0.03	0.06	-1.161	-1.836	2.627

Operation1K	-0.32	-0.47	-0.07	3.253	-1.407	1.542
	0.00	-0.01	0.01	0.584	0.388	0.854

Operation2K	-0.32	-0.46	-0.07	3.534	-1.492	1.547
	0.00	-0.01	0.01	0.595	0.381	0.938

Wind1-X	1.15	0.07	0.01	2.007	-0.001	0.098
	0.00	0.00	0.00	0.199	-0.642	0.435

Wind1-Y	0.05	0.38	-0.01	0.291	-0.726	0.085
	0.00	0.00	0.00	-0.095	-0.267	-0.192

Extreme value	-7.11	-3.69	3.38	11.314	-6.878	3.654
	0.02	-0.05	0.06	-1.360	-3.286	3.063

	Projekt :	ASU No. 9, Kosice	Seite 170 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 299 n W15001 FL. N3, DN500
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.07	-0.22	-0.14	-0.033	0.544	-0.453
	0.00	-0.01	0.01	-0.546	0.006	0.048
Operation1H	-5.49	-0.53	3.08	-9.083	3.801	-2.360
	0.00	-0.04	0.01	0.366	2.645	-1.904
Operation2H	-5.96	-1.11	3.04	-9.307	2.417	-2.307
	0.01	-0.05	0.00	0.403	2.637	-2.291
Operation6	-5.36	-3.31	3.36	-8.877	6.152	-2.304
	0.01	-0.03	0.06	1.161	1.836	-2.627
Operation1K	-0.32	-0.47	-0.07	-3.253	1.407	-0.346
	0.00	-0.01	0.01	-0.584	-0.388	-0.854
Operation2K	-0.32	-0.46	-0.07	-3.534	1.492	-0.350
	0.00	-0.01	0.01	-0.595	-0.381	-0.938
Wind1-X	1.15	0.07	0.01	-2.007	0.001	-0.098
	0.00	0.00	0.00	-0.199	0.642	-0.435
Wind1-Y	0.05	0.38	-0.01	-0.291	0.726	-0.085
	0.00	0.00	0.00	0.095	0.267	0.192

Extreme value	-7.11	-3.69	3.38	-11.314	6.878	-2.458
	0.02	-0.05	0.06	1.360	3.286	-3.063

	Projekt :	ASU No. 9, Kosice	Seite 171 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 346 n FLANSCH DN500
Local Coordinate System :
Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.11	-0.29	-0.16	-0.544	-0.033	0.966
	0.01	0.00	0.00	0.070	-0.350	-0.389

Operation1H	-5.35	-0.26	2.19	-3.801	-9.083	-0.940
	0.00	-0.06	-0.02	-0.939	-1.038	2.468

Operation2H	-5.69	-0.65	2.18	-2.417	-9.307	-0.888
	0.00	-0.07	-0.03	-0.976	-0.958	3.452

Operation6	-5.72	-3.30	2.90	-6.152	-8.877	-0.884
	0.01	-0.05	-0.03	-0.178	-0.197	-0.439

Operation1K	-0.37	-0.28	0.04	-1.407	-3.253	1.074
	0.01	0.00	-0.01	0.372	-0.298	0.672

Operation2K	-0.35	-0.26	0.03	-1.492	-3.534	1.069
	0.01	0.00	-0.01	0.369	-0.312	0.752

Wind1-X	1.24	0.17	-0.08	-0.095	-1.840	-0.098
	0.00	-0.01	0.00	-0.558	-0.281	1.164

Wind1-Y	0.01	0.32	-0.10	-0.897	-0.196	-0.085
	0.00	0.00	0.00	-0.194	0.024	-0.324

Extreme value	-6.96	-3.61	3.00	-7.049	-11.147	1.172
	0.02	-0.07	-0.03	-1.533	-1.320	4.615

	Projekt :	ASU No. 9, Kosice	Seite 172 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 347 -v FLANSCH DN500
 Local Coordinate System :
 Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.11	-0.29	-0.14	0.544	0.033	-4.810
	0.01	0.00	0.00	-0.070	-0.016	0.385
Operation1H	-5.30	-0.24	2.19	3.801	9.083	-2.904
	0.00	-0.06	-0.02	0.939	0.914	-3.621
Operation2H	-5.63	-0.63	2.19	2.417	9.307	-2.956
	0.00	-0.07	-0.03	0.976	0.826	-4.633
Operation6	-5.66	-3.24	2.92	6.152	8.877	-2.960
	0.01	-0.05	-0.03	0.178	0.065	-0.688
Operation1K	-0.34	-0.25	0.07	1.407	3.253	-4.918
	0.01	0.00	-0.01	-0.372	-0.082	-1.085
Operation2K	-0.32	-0.24	0.06	1.492	3.534	-4.914
	0.01	0.00	-0.01	-0.369	-0.067	-1.201
Wind1-X	1.25	0.17	-0.08	0.095	1.809	0.098
	0.00	-0.01	0.00	0.558	0.294	-1.395
Wind1-Y	0.01	0.32	-0.11	0.897	0.196	0.085
	0.00	0.00	0.00	0.194	-0.013	0.299

Extreme value	-6.91	-3.55	3.02	7.049	11.115	-5.016
	0.02	-0.07	-0.03	1.533	1.208	-6.029

	Projekt :	ASU No. 9, Kosice	Seite 173 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 359 n FLANSCH DN500
Local Coordinate System :
Xi= 1.000 0.000 0.000 Yi= 0.000 1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.00	-0.05	-0.02	-0.132	-0.346	7.526
	0.00	0.00	0.01	0.510	2.179	2.342

Operation1H	-0.09	0.19	-0.05	-0.624	-1.584	6.676
	-0.01	-0.01	-0.02	2.147	2.529	5.193

Operation2H	-0.09	0.15	-0.05	-0.804	-1.380	6.685
	-0.01	-0.01	-0.02	2.116	2.518	4.823

Operation6	-0.22	0.25	-0.10	-8.007	-4.654	6.894
	-0.01	-0.01	-0.03	4.305	3.254	10.866

Operation1K	-0.09	0.20	-0.06	-0.655	-2.047	7.439
	0.00	-0.01	-0.03	1.503	2.203	5.033

Operation2K	-0.09	0.21	-0.06	-0.674	-2.064	7.438
	0.00	-0.01	-0.03	1.507	2.205	5.048

Wind1-X	0.00	0.01	0.01	2.213	0.181	0.037
	0.00	0.00	0.00	-0.013	-0.830	-0.210

Wind1-Y	0.00	0.03	-0.01	-0.104	-1.898	0.069
	-0.02	0.00	0.00	1.938	0.206	2.042

Extreme value	-0.22	0.28	-0.11	-10.220	-6.551	7.594
	-0.03	-0.01	-0.04	6.243	4.084	12.908

	Projekt :	ASU No. 9, Kosice	Seite 174 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 361 -v FLANSCH DN500
 Local Coordinate System :
 Xi= 1.000 0.000 0.000 Yi= 0.000 1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.00	-0.04	-0.01	0.132	0.346	-10.407
	0.00	0.00	0.01	-0.510	-3.318	-2.386
Operation1H	-0.06	0.13	-0.04	0.624	1.584	-9.557
	-0.01	-0.01	-0.02	-2.147	-3.560	-5.394
Operation2H	-0.06	0.11	-0.04	0.804	1.380	-9.566
	-0.01	-0.01	-0.02	-2.116	-3.551	-4.998
Operation6	-0.16	0.18	-0.07	8.007	4.654	-9.775
	-0.01	-0.01	-0.03	-4.305	-4.314	-11.458
Operation1K	-0.06	0.15	-0.04	0.655	2.047	-10.320
	0.00	-0.01	-0.03	-1.503	-3.332	-5.293
Operation2K	-0.06	0.15	-0.04	0.674	2.064	-10.319
	0.00	-0.01	-0.03	-1.507	-3.333	-5.310
Wind1-X	0.00	0.01	0.00	-2.213	-0.181	-0.037
	0.00	0.00	0.00	0.013	0.825	0.233
Wind1-Y	0.00	0.02	-0.01	0.104	1.929	-0.069
	-0.01	0.00	0.00	-1.938	-0.215	-2.285

Extreme value	-0.16	0.20	-0.08	10.220	6.583	-10.475
	-0.03	-0.01	-0.04	-6.243	-5.139	-13.743

	Projekt :	ASU No. 9, Kosice	Seite 175 von 198
			Ber. Nr.: KO 01/02

Line 22 Point 385 -v FLANSCH DN700
 Local Coordinate System :
 Xi= 0.000 1.000 0.000 Yi= -1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.58	0.00	-0.08	0.000	0.000	0.612
	0.00	0.02	0.03	0.000	0.000	0.000
Operation1H	-0.58	0.26	-0.28	0.000	0.000	0.612
	-0.01	0.01	0.03	0.000	0.000	0.000
Operation2H	-0.58	0.26	-0.28	0.000	0.000	0.612
	-0.01	0.01	0.03	0.000	0.000	0.000
Operation6	-1.29	0.65	-0.76	0.000	0.000	0.612
	-0.03	0.04	0.06	0.000	0.000	0.000
Operation1K	-0.58	0.26	-0.28	0.000	0.000	0.612
	-0.01	0.01	0.03	0.000	0.000	0.000
Operation2K	-0.58	0.26	-0.28	0.000	0.000	0.612
	-0.01	0.01	0.03	0.000	0.000	0.000
Wind1-X	-1.19	0.00	-0.17	0.000	0.000	0.000
	-0.01	0.04	0.05	0.000	0.000	0.000
Wind1-Y	0.01	0.00	0.04	0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000

Extreme value	-2.47	0.65	-0.93	0.000	0.000	0.612
	-0.04	0.08	0.11	0.000	0.000	0.000

	Projekt :	ASU No. 9, Kosice	Seite 176 von 198
			Ber. Nr.: KO 01/02

Line 32 Point 331 n FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 0.000 1.000 Yi= 0.000 1.000 0.000 Zi= -1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.02	0.02	-0.37	0.675	0.000	0.052
	0.00	0.01	0.00	0.009	0.107	-0.001
Operation1H	-4.31	-0.47	13.45	-0.041	0.005	-0.390
	-0.08	0.01	-0.04	-0.005	-0.465	-0.082
Operation2H	6.16	0.89	6.68	1.228	-0.028	0.236
	-0.04	0.18	0.03	0.022	0.366	0.062
Operation6	1.26	-0.41	19.28	0.489	-0.075	-0.192
	-0.09	0.14	-0.02	0.082	-0.198	-0.058
Operation1K	-0.06	0.06	-0.08	0.738	0.001	0.082
	0.01	0.01	0.00	0.005	0.135	0.013
Operation2K	0.02	-0.04	0.27	0.605	0.008	0.011
	0.00	0.02	0.00	0.000	0.054	-0.011
Wind1-X	4.99	0.02	0.05	-0.384	-0.012	-0.042
	0.00	0.08	0.00	0.008	-0.284	0.002
Wind1-Y	0.00	0.96	0.05	-0.001	0.219	0.005
	-0.07	0.00	-0.02	-0.066	0.002	0.073

Extreme value	11.15	1.85	19.34	1.612	-0.294	-0.431
	-0.15	0.26	-0.06	0.148	-0.749	-0.154

	Projekt :	ASU No. 9, Kosice	Seite 177 von 198
			Ber. Nr.: KO 01/02

Line 32 Point 333 -v FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 0.000 1.000 Yi= 0.000 1.000 0.000 Zi= -1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.01	0.02	-0.37	-0.858	0.000	-0.052
	0.00	0.01	0.00	-0.009	-0.110	0.001

Operation1H	-4.31	-0.39	13.59	-0.141	-0.005	0.390
	-0.08	0.01	-0.04	0.005	0.486	0.082

Operation2H	6.33	0.93	6.69	-1.411	0.028	-0.236
	-0.04	0.18	0.03	-0.022	-0.380	-0.063

Operation6	1.40	-0.32	19.42	-0.671	0.075	0.192
	-0.09	0.14	-0.02	-0.082	0.208	0.054

Operation1K	-0.05	0.05	-0.08	-0.920	-0.001	-0.082
	0.01	0.01	0.00	-0.005	-0.140	-0.013

Operation2K	0.04	-0.04	0.28	-0.787	-0.008	-0.011
	0.00	0.02	0.00	0.000	-0.055	0.012

Wind1-X	5.07	0.02	0.05	0.384	0.012	0.031
	0.00	0.08	0.00	-0.008	0.286	-0.003

Wind1-Y	0.00	1.03	0.05	0.001	-0.208	-0.005
	-0.07	0.00	-0.02	0.066	-0.003	-0.061

Extreme value	11.40	1.96	19.47	-1.794	0.283	0.421
	-0.15	0.26	-0.06	-0.148	0.772	0.143

	Projekt :	ASU No. 9, Kosice	Seite 178 von 198
			Ber. Nr.: KO 01/02

Line 32 Point 339 n FLANSCH DN100
 Local Coordinate System :
 Xi= 0.000 0.000 -1.000 Yi= 0.000 1.000 0.000 Zi= 1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.12	0.00	-0.19	0.835	0.000	-0.052
	0.00	0.00	0.00	-0.010	0.093	0.001
Operation1H	-7.35	0.57	7.68	1.358	0.032	-0.186
	-0.03	-0.19	-0.03	-0.023	0.302	0.076
Operation2H	6.56	-0.01	13.01	0.111	0.029	0.346
	-0.08	0.04	0.04	-0.023	-0.468	-0.075
Operation6	-1.39	-0.31	19.33	0.682	0.147	0.185
	-0.07	-0.15	0.03	-0.136	-0.202	0.008
Operation1K	0.01	-0.04	0.36	0.765	-0.008	-0.010
	0.00	-0.01	0.00	0.000	0.040	-0.011
Operation2K	-0.04	0.05	0.07	0.897	-0.001	-0.078
	0.01	-0.01	0.00	-0.005	0.123	0.014
Wind1-X	5.05	0.05	-0.08	0.384	-0.012	-0.035
	0.00	0.09	0.00	0.011	0.300	-0.003
Wind1-Y	-0.01	1.86	0.05	0.000	-0.130	-0.005
	-0.09	0.00	-0.03	0.008	0.003	0.000

Extreme value	-12.41	2.43	19.41	1.743	0.277	0.382
	-0.17	-0.28	0.07	-0.146	-0.769	0.080

	Projekt :	ASU No. 9, Kosice				Seite 179 von 198
						Ber. Nr.: KO 01/02

L i n e	32	P o i n t	341	-v	FLANSCH DN100					
Local Coordinate System :										
Xi=	0.000	0.000	-1.000	Yi=	0.000	1.000	Zi=	1.000	0.000	0.000
LoadCase	WXa	WYa	WZa	N	QYi	QZi				
	PXa	PYa	PZa	MT	MYi	MZi				
	mm	mm	mm	kN	kN	kN				
	Grd	Grd	Grd	kNm	kNm	kNm				
Weight	0.14	0.00	-0.19	-0.641	0.000	0.052				
	0.00	0.00	0.00	0.010	-0.075	-0.001				
Operation1H	-6.22	0.37	6.82	-1.164	-0.032	0.186				
	-0.03	-0.18	-0.03	0.023	-0.237	-0.065				
Operation2H	6.34	-0.49	12.15	0.083	-0.029	-0.346				
	-0.08	0.03	0.04	0.023	0.347	0.085				
Operation6	-0.48	-0.72	18.47	-0.488	-0.147	-0.185				
	-0.07	-0.15	0.03	0.136	0.137	0.043				
Operation1K	0.08	-0.06	0.34	-0.571	0.008	0.010				
	0.00	-0.01	0.00	0.000	-0.036	0.009				
Operation2K	0.02	0.08	0.05	-0.703	0.001	0.078				
	0.01	-0.01	0.00	0.005	-0.096	-0.014				
Wind1-X	4.49	0.04	-0.08	-0.384	0.012	0.102				
	0.00	0.09	0.00	-0.011	-0.276	-0.001				
Wind1-Y	-0.02	1.33	0.05	0.000	0.197	0.005				
	-0.09	0.00	-0.03	-0.008	-0.001	-0.057				

Extreme value	10.84	-2.05	18.55	-1.549	-0.344	-0.448				
	-0.17	-0.28	0.07	0.146	0.623	0.142				

	Projekt :	ASU No. 9, Kosice	Seite 180 von 198
			Ber. Nr.: KO 01/02

Line 33 Point 391 n FLANSCH DN500
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.08	0.01	0.01	-0.015	0.002	2.821
	0.00	0.00	0.00	0.170	2.221	0.005

Operation1H	0.10	-0.03	0.11	6.275	-0.115	1.613
	0.09	-0.01	0.00	-0.253	5.349	3.637

Operation2H	0.11	-0.03	0.09	5.980	-1.172	1.941
	0.09	-0.01	0.00	-0.167	5.946	4.524

Operation6	0.27	-1.71	-0.05	5.673	-1.429	2.652
	0.08	0.00	0.04	-0.140	6.092	6.029

Operation1K	-0.02	-0.17	-0.04	-2.082	-1.668	3.564
	-0.01	0.00	0.00	0.037	2.513	1.591

Operation2K	-0.02	-0.16	-0.04	-2.105	-1.665	3.570
	-0.01	0.00	0.00	0.023	2.512	1.575

Wind1-X	1.29	-0.02	0.00	-0.454	0.121	0.280
	0.00	0.00	0.00	-0.367	0.022	-0.588

Wind1-Y	-0.01	0.00	0.01	0.033	2.175	-0.183
	0.00	0.00	0.00	-0.203	-0.311	-2.833

Extreme value	1.56	-1.73	0.12	6.728	-3.843	3.850
	0.09	-0.02	0.04	-0.620	6.402	8.862

	Projekt :	ASU No. 9, Kosice	Seite 181 von 198
			Ber. Nr.: KO 01/02

Line 33 Point 393 -v FLANSCH DN500
 Local Coordinate System :
 Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.08	0.00	0.01	0.015	-0.002	-6.724
	0.00	0.00	0.00	-0.170	-2.827	-0.005
Operation1H	0.08	-0.02	0.08	-6.275	0.115	-5.517
	0.09	-0.02	0.00	0.253	-5.802	-3.652
Operation2H	0.09	-0.03	0.06	-5.980	1.172	-5.844
	0.09	-0.01	0.00	0.167	-6.440	-4.673
Operation6	0.21	-1.79	-0.04	-5.673	1.429	-6.555
	0.08	0.00	0.04	0.140	-6.676	-6.211
Operation1K	-0.04	-0.18	-0.03	2.082	1.668	-7.468
	-0.01	0.00	0.00	-0.037	-3.213	-1.803
Operation2K	-0.04	-0.17	-0.03	2.105	1.665	-7.474
	-0.01	0.00	0.00	-0.023	-3.213	-1.787
Wind1-X	1.29	-0.02	0.00	0.454	-0.121	-0.280
	0.00	0.00	0.00	0.367	-0.057	0.604
Wind1-Y	-0.01	0.00	0.01	-0.033	-2.219	0.183
	0.00	0.00	0.00	0.203	0.334	3.112

Extreme value	1.50	-1.81	0.08	-6.728	3.887	-7.754
	0.09	-0.02	0.04	0.620	-7.010	-9.323

	Projekt :	ASU No. 9, Kosice	Seite 182 von 198
			Ber. Nr.: KO 01/02

Line 34 Point 401 n FLANSCH DN50
Local Coordinate System :
Xi= 0.000 0.000 1.000 Yi= 0.000 1.000 0.000 Zi= -1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.11	-0.07	0.02	-0.195	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.008

Operation1H	2.08	-0.52	4.39	-0.195	0.000	0.000
	0.00	0.04	-0.02	0.000	0.000	0.008

Operation2H	1.61	-0.94	4.39	-0.195	0.000	0.000
	0.00	0.05	0.01	0.000	0.000	0.008

Operation6	2.31	-1.58	4.20	-0.195	0.000	0.000
	0.02	0.05	0.01	0.000	0.000	0.008

Operation1K	-0.21	-0.20	0.12	-0.195	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.008

Operation2K	-0.21	-0.19	0.13	-0.195	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.008

Wind1-X	1.27	0.00	-0.02	0.000	0.000	-0.060
	0.00	0.02	-0.01	-0.006	0.016	0.000

Wind1-Y	0.07	0.43	-0.05	0.000	0.034	0.000
	-0.01	0.00	-0.01	0.000	0.000	0.006

Extreme value	3.58	-2.02	4.44	-0.195	-0.034	0.060
	0.03	0.07	-0.03	0.006	0.016	0.014

	Projekt :	ASU No. 9, Kosice	Seite 183 von 198
			Ber. Nr.: KO 01/02

Line 34 Point 403 -v FLANSCH DN50
 Local Coordinate System :
 Xi= 0.000 0.000 1.000 Yi= 0.000 1.000 0.000 Zi= -1.000 0.000 0.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.12	-0.06	0.02	0.094	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	-0.008

Operation1H	2.12	-0.52	4.49	0.094	0.000	0.000
	0.00	0.04	-0.02	0.000	0.000	-0.008

Operation2H	1.64	-0.94	4.50	0.094	0.000	0.000
	0.00	0.05	0.01	0.000	0.000	-0.008

Operation6	2.35	-1.59	4.31	0.094	0.000	0.000
	0.02	0.05	0.01	0.000	0.000	-0.008

Operation1K	-0.21	-0.20	0.13	0.094	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	-0.008

Operation2K	-0.21	-0.19	0.13	0.094	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	-0.008

Wind1-X	1.28	0.00	-0.02	0.000	0.000	0.056
	0.00	0.02	-0.01	0.006	-0.014	0.000

Wind1-Y	0.07	0.45	-0.05	0.000	-0.030	0.000
	-0.02	0.00	-0.01	0.000	0.000	-0.004

Extreme value	3.63	-2.04	4.55	0.094	0.030	0.056
	0.03	0.07	-0.03	0.006	0.014	-0.012

	Projekt :	ASU No. 9, Kosice	Seite 185 von 198
			Ber. Nr.: KO 01/02

Line 37 Point 533 -v FLANSCH DN200
 Local Coordinate System :
 Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.00	0.13	-0.38	0.021	0.184	0.438
	-0.01	-0.01	-0.01	-0.459	1.564	0.273
Operation1H	-0.22	0.71	-0.03	0.706	0.266	-0.081
	-0.02	0.00	-0.02	-0.856	1.846	0.927
Operation2H	-0.22	0.70	-0.04	0.659	0.285	-0.059
	-0.02	0.00	-0.02	-0.826	1.858	0.880
Operation6	-0.78	1.75	0.58	1.443	0.032	-0.700
	-0.03	0.02	-0.02	-1.325	2.215	0.642
Operation1K	-0.22	0.60	-0.03	0.664	0.111	-0.091
	-0.02	0.00	-0.01	-0.871	1.843	0.714
Operation2K	-0.22	0.60	-0.03	0.667	0.110	-0.092
	-0.02	0.00	-0.01	-0.872	1.842	0.717
Wind1-X	0.02	-0.02	0.03	0.639	-0.011	-0.057
	0.00	0.00	0.00	0.007	-0.057	-0.141
Wind1-Y	0.01	0.55	-0.09	-0.041	0.985	0.101
	-0.01	0.00	-0.03	-0.303	-0.111	0.838

Extreme value	-0.80	2.30	0.67	2.081	1.270	-0.801
	-0.04	0.02	-0.05	-1.627	2.326	1.765

	Projekt :	ASU No. 9, Kosice	Seite 187 von 198
			Ber. Nr.: KO 01/02

Line 43 Point 555 -v FLANSCH DN500
Local Coordinate System :
Xi= -0.708 -0.707 0.000 Yi= 0.707 -0.708 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.15	0.15	-5.93	4.257	-0.198	-8.016
	-0.22	0.27	0.01	-0.004	8.654	-0.198
Operation1H	0.30	-0.31	-6.20	5.002	0.028	-8.373
	-0.21	0.30	-0.03	-0.004	9.007	0.025
Operation2H	0.20	-0.40	-6.21	4.896	0.031	-8.344
	-0.21	0.30	-0.02	-0.004	8.978	0.029
Operation6	-0.64	-1.51	-6.08	7.666	-0.126	-9.210
	-0.21	0.28	-0.04	-0.005	9.833	-0.128
Operation1K	0.31	-0.31	-6.19	5.017	0.027	-8.378
	-0.21	0.30	-0.03	-0.004	9.011	0.024
Operation2K	0.31	-0.31	-6.19	5.018	0.027	-8.378
	-0.21	0.30	-0.03	-0.004	9.011	0.024
Wind1-X	0.37	-0.37	-0.28	-1.019	0.862	0.105
	0.02	0.04	-0.03	0.000	-0.104	0.937
Wind1-Y	-0.42	0.42	-0.18	-0.110	-0.931	-0.139
	-0.04	-0.03	0.03	0.000	0.137	-1.005

Extreme value	-1.07	-1.94	-6.49	8.685	-1.129	-9.349
	-0.26	0.34	-0.07	-0.005	9.970	-1.202

	Projekt :	ASU No. 9, Kosice	Seite 188 von 198
			Ber. Nr.: KO 01/02

Line 44 Point 485 -v FLANSCH DN100
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.38	-0.16	0.55	0.000	0.000	0.045
	0.00	0.03	0.02	0.000	0.000	0.000
Operation1H	0.79	0.11	0.23	0.000	0.000	0.045
	0.03	0.02	0.01	0.000	0.000	0.000
Operation2H	0.79	0.11	0.23	0.000	0.000	0.045
	0.03	0.02	0.01	0.000	0.000	0.000
Operation6	0.92	0.06	0.90	0.000	0.000	0.045
	0.06	0.06	0.03	0.000	0.000	0.000
Operation1K	0.79	0.11	0.23	0.000	0.000	0.045
	0.03	0.02	0.01	0.000	0.000	0.000
Operation2K	0.79	0.11	0.23	0.000	0.000	0.045
	0.03	0.02	0.01	0.000	0.000	0.000
Wind1-X	0.84	-0.26	1.09	0.000	0.000	0.000
	0.00	0.05	0.02	0.000	0.000	0.000
Wind1-Y	0.00	0.06	-0.16	0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000

Extreme value	1.76	-0.42	2.00	0.000	0.000	0.045
	0.06	0.11	0.05	0.000	0.000	0.000

	Projekt :	ASU No. 9, Kosice	Seite 189 von 198
			Ber. Nr.: KO 01/02

Line 45 Point 531 n FLANSCH DN150
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.28	0.55	-0.38	-0.015	-0.002	-0.176
	0.01	0.01	-0.01	0.000	-0.068	-0.001
Operation1H	-0.07	2.85	0.06	0.032	0.000	-0.172
	0.00	0.00	0.00	-0.002	-0.067	0.005
Operation2H	-0.07	2.85	0.06	0.032	0.000	-0.172
	0.00	0.00	0.00	-0.002	-0.067	0.005
Operation6	1.95	12.05	0.84	0.038	0.000	-0.170
	-0.05	0.01	0.02	-0.002	-0.066	0.005
Operation1K	-0.07	2.84	0.06	0.032	0.000	-0.172
	0.00	0.00	0.00	-0.002	-0.067	0.005
Operation2K	-0.07	2.84	0.06	0.032	0.000	-0.172
	0.00	0.00	0.00	-0.002	-0.067	0.005
Wind1-X	0.30	0.07	0.00	0.050	0.007	0.001
	0.00	0.00	0.01	0.000	0.000	0.000
Wind1-Y	-0.06	1.72	-0.08	0.015	-0.014	-0.007
	0.01	-0.01	0.00	0.002	-0.003	0.001

Extreme value	2.25	13.77	0.92	0.089	-0.015	-0.183
	-0.06	0.02	0.03	-0.004	-0.071	0.006

	Projekt :	ASU No. 9, Kosice	Seite 190 von 198
			Ber. Nr.: KO 01/02

Line 45 Point 551 -v FLANSCH DN150
 Local Coordinate System :
 Xi= 0.000 -1.000 0.000 Yi= 1.000 0.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.29	0.55	-0.40	0.015	0.002	-0.184
	0.01	0.01	-0.01	0.000	0.068	0.001

Operation1H	-0.07	2.84	0.07	-0.032	0.000	-0.188
	0.00	0.00	0.00	0.002	0.066	-0.005

Operation2H	-0.07	2.84	0.07	-0.032	0.000	-0.188
	0.00	0.00	0.00	0.002	0.066	-0.005

Operation6	1.97	12.00	0.89	-0.038	0.000	-0.190
	-0.05	0.01	0.02	0.002	0.065	-0.005

Operation1K	-0.07	2.83	0.07	-0.032	0.000	-0.188
	0.00	0.00	0.00	0.002	0.066	-0.005

Operation2K	-0.07	2.83	0.07	-0.032	0.000	-0.188
	0.00	0.00	0.00	0.002	0.066	-0.005

Wind1-X	0.32	0.07	0.00	-0.050	0.002	-0.001
	0.00	0.00	0.01	0.000	0.000	0.000

Wind1-Y	-0.07	1.72	-0.10	-0.015	0.014	0.007
	0.01	-0.01	0.00	-0.002	0.003	-0.002

Extreme value	2.29	13.72	0.99	-0.089	0.015	-0.197
	-0.06	0.02	0.03	0.004	0.071	-0.007

	Projekt :	ASU No. 9, Kosice	Seite 191 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 451 n FLANSCH DN500
Local Coordinate System :
Xi= -0.707 -0.708 0.000 Yi= 0.708 -0.707 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	-0.18	0.50	-0.49	-0.755	0.715	-5.424
	-0.01	-0.01	0.00	-0.077	2.006	0.595

Operation1H	0.23	2.30	-0.22	-0.961	1.330	-5.025
	0.00	-0.01	0.01	0.314	0.505	1.675

Operation2H	0.23	2.30	-0.22	-0.962	1.331	-5.024
	0.00	-0.01	0.01	0.315	0.504	1.679

Operation6	1.78	9.07	0.77	-1.307	3.109	-4.286
	-0.04	-0.01	0.02	2.203	-2.231	5.510

Operation1K	0.23	2.29	-0.21	-0.963	1.332	-5.024
	0.00	-0.01	0.01	0.316	0.506	1.680

Operation2K	0.23	2.29	-0.21	-0.963	1.332	-5.024
	0.00	-0.01	0.01	0.316	0.506	1.680

Wind1-X	0.27	-0.07	0.06	-0.294	0.669	-0.354
	0.00	0.01	0.00	1.040	1.002	0.545

Wind1-Y	-0.10	0.94	-0.06	-1.298	-1.469	0.008
	-0.03	-0.01	-0.02	0.483	-0.409	-3.254

Extreme value	2.05	10.01	0.84	-2.605	4.578	-5.778
	-0.07	-0.02	0.04	3.243	-3.233	8.764

	Projekt :	ASU No. 9, Kosice	Seite 192 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 453 -v FLANSCH DN500
Local Coordinate System :
Xi= -0.707 -0.708 0.000 Yi= 0.708 -0.707 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	-0.18	0.50	-0.50	0.755	-0.715	2.551
	-0.01	-0.01	0.00	0.077	-1.500	-0.504
Operation1H	0.23	2.27	-0.23	0.961	-1.330	2.151
	0.00	-0.01	0.01	-0.314	-0.050	-1.506
Operation2H	0.23	2.27	-0.23	0.962	-1.331	2.150
	0.00	-0.01	0.01	-0.315	-0.049	-1.510
Operation6	1.75	8.98	0.82	1.307	-3.109	1.412
	-0.04	-0.01	0.02	-2.203	2.593	-5.115
Operation1K	0.23	2.27	-0.23	0.963	-1.332	2.150
	0.00	-0.01	0.01	-0.316	-0.050	-1.510
Operation2K	0.23	2.27	-0.23	0.963	-1.332	2.150
	0.00	-0.01	0.01	-0.316	-0.050	-1.511
Wind1-X	0.27	-0.07	0.07	0.294	-0.633	0.354
	0.00	0.01	0.00	-1.040	-0.957	-0.462
Wind1-Y	-0.12	0.96	-0.01	1.298	1.433	-0.008
	-0.03	-0.01	-0.02	-0.483	0.408	3.069

Extreme value	2.03	9.94	0.89	2.605	-4.542	2.904
	-0.07	-0.02	0.04	-3.243	3.550	-8.185

	Projekt :	ASU No. 9, Kosice	Seite 193 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 471 -v N16007 FL. , DN500
 Local Coordinate System :
 Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.00	0.00	-0.02	-0.103	-0.353	-2.018
	0.00	0.00	0.00	0.214	-2.510	0.748
Operation1H	0.21	0.00	-0.04	0.541	0.282	-3.628
	0.00	0.01	0.00	-0.713	-5.421	-0.301
Operation2H	0.21	0.00	-0.04	0.541	0.282	-3.628
	0.00	0.01	0.00	-0.712	-5.421	-0.301
Operation6	0.88	-0.01	-0.05	2.318	2.435	-8.752
	0.00	0.03	0.00	-4.029	-15.214	-3.401
Operation1K	0.21	0.00	-0.04	0.541	0.282	-3.628
	0.00	0.01	0.00	-0.713	-5.421	-0.301
Operation2K	0.21	0.00	-0.04	0.541	0.282	-3.628
	0.00	0.01	0.00	-0.713	-5.421	-0.301
Wind1-X	0.01	0.00	-0.01	-0.243	-0.109	-0.057
	0.00	0.00	0.00	0.276	0.130	-0.145
Wind1-Y	0.00	0.01	-0.01	-0.153	-1.019	-0.059
	0.00	0.00	0.00	0.121	-0.161	1.542

Extreme value	0.88	-0.02	-0.06	2.561	3.454	-8.812
	0.00	0.03	0.00	-4.304	-15.375	-4.944

	Projekt :	ASU No. 9, Kosice	Seite 194 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 471 n FLANSCH DN500
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm
Weight	0.00	0.00	-0.02	0.103	0.353	2.765
	0.00	0.00	0.00	-0.214	2.510	-0.748
Operation1H	0.21	0.00	-0.04	-0.541	-0.282	4.375
	0.00	0.01	0.00	0.713	5.421	0.301
Operation2H	0.21	0.00	-0.04	-0.541	-0.282	4.375
	0.00	0.01	0.00	0.712	5.421	0.301
Operation6	0.88	-0.01	-0.05	-2.318	-2.435	9.500
	0.00	0.03	0.00	4.029	15.214	3.401
Operation1K	0.21	0.00	-0.04	-0.541	-0.282	4.375
	0.00	0.01	0.00	0.713	5.421	0.301
Operation2K	0.21	0.00	-0.04	-0.541	-0.282	4.375
	0.00	0.01	0.00	0.713	5.421	0.301
Wind1-X	0.01	0.00	-0.01	0.243	0.109	0.057
	0.00	0.00	0.00	-0.276	-0.130	0.145
Wind1-Y	0.00	0.01	-0.01	0.153	1.019	0.059
	0.00	0.00	0.00	-0.121	0.161	-1.542

Extreme value	0.88	-0.02	-0.06	-2.561	-3.454	9.559
	0.00	0.03	0.00	4.304	15.375	4.944

	Projekt :	ASU No. 9, Kosice	Seite 195 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 473 -v FLANSCH DN500
 Local Coordinate System :
 Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.00	0.00	-0.01	-0.001	0.000	3.208
	0.00	0.00	0.00	0.063	-2.184	0.000

Operation1H	-0.08	0.00	0.16	1.083	0.271	3.960
	0.00	0.00	0.00	0.015	-6.111	1.451

Operation2H	-0.08	0.00	0.16	1.083	0.271	3.960
	0.00	0.00	0.00	0.015	-6.111	1.451

Operation6	-0.34	0.01	0.74	0.680	0.994	6.000
	0.00	0.02	0.00	0.197	-17.295	5.139

Operation1K	-0.08	0.00	0.16	1.083	0.271	3.960
	0.00	0.00	0.00	0.015	-6.111	1.451

Operation2K	-0.08	0.00	0.16	1.083	0.271	3.960
	0.00	0.00	0.00	0.015	-6.111	1.451

Wind1-X	0.01	0.00	0.01	0.499	0.040	0.059
	0.00	0.00	0.00	-0.003	-0.313	0.128

Wind1-Y	0.00	0.01	0.01	-0.071	1.006	0.042
	0.00	0.00	0.00	-0.002	-0.225	1.282

Extreme value	-0.34	0.02	0.75	1.582	2.000	6.059
	0.00	0.02	0.00	0.201	-17.608	6.421

	Projekt :	ASU No. 9, Kosice	Seite 196 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 473 n N16007 FL. , DN500
Local Coordinate System :
Xi= -1.000 0.000 0.000 Yi= 0.000 -1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.00	0.00	-0.01	0.001	0.000	-2.461
	0.00	0.00	0.00	-0.063	2.184	0.000

Operation1H	-0.08	0.00	0.16	-1.083	-0.271	-3.212
	0.00	0.00	0.00	-0.015	6.111	-1.451

Operation2H	-0.08	0.00	0.16	-1.083	-0.271	-3.212
	0.00	0.00	0.00	-0.015	6.111	-1.451

Operation6	-0.34	0.01	0.74	-0.680	-0.994	-5.252
	0.00	0.02	0.00	-0.197	17.295	-5.139

Operation1K	-0.08	0.00	0.16	-1.083	-0.271	-3.212
	0.00	0.00	0.00	-0.015	6.111	-1.451

Operation2K	-0.08	0.00	0.16	-1.083	-0.271	-3.212
	0.00	0.00	0.00	-0.015	6.111	-1.451

Wind1-X	0.01	0.00	0.01	-0.499	-0.040	-0.059
	0.00	0.00	0.00	0.003	0.313	-0.128

Wind1-Y	0.00	0.01	0.01	0.071	-1.006	-0.042
	0.00	0.00	0.00	0.002	0.225	-1.282

Extreme value	-0.34	0.02	0.75	-1.582	-2.000	-5.311
	0.00	0.02	0.00	-0.201	17.608	-6.421

	Projekt :	ASU No. 9, Kosice	Seite 197 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 479 -v AIR COMPRESSOR ST. 1.01
 Local Coordinate System :
 Xi= 1.000 0.000 0.000 Yi= 0.000 1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.00	0.00	-0.01	0.001	0.000	-0.744
	0.00	0.00	0.00	-0.019	-0.249	-0.003

Operation1H	-0.87	-0.31	0.00	0.410	-0.417	-0.456
	0.00	0.00	0.00	0.047	-0.199	0.028

Operation2H	-0.87	-0.31	0.00	0.410	-0.417	-0.456
	0.00	0.00	0.00	0.047	-0.199	0.028

Operation6	-3.66	-1.52	-0.01	0.315	-0.907	-0.152
	0.00	0.00	0.02	0.270	-0.538	0.025

Operation1K	-0.87	-0.31	0.00	0.410	-0.417	-0.456
	0.00	0.00	0.00	0.047	-0.199	0.028

Operation2K	-0.87	-0.31	0.00	0.410	-0.417	-0.456
	0.00	0.00	0.00	0.047	-0.199	0.028

Wind1-X	0.00	0.00	0.00	0.496	-0.040	0.019
	0.00	0.00	0.00	0.004	0.003	-0.111

Wind1-Y	0.00	0.02	0.00	0.071	0.820	0.014
	0.00	0.00	0.00	0.003	0.002	-0.353

Extreme value	-3.66	-1.55	-0.01	0.906	-1.727	-0.764
	0.00	0.00	0.02	0.275	-0.541	0.381

	Projekt :	ASU No. 9, Kosice	Seite 198 von 198
			Ber. Nr.: KO 01/02

Line 49 Point 479 n FLANSCH DN500
Local Coordinate System :
Xi= 1.000 0.000 0.000 Yi= 0.000 1.000 0.000 Zi= 0.000 0.000 1.000

LoadCase	WXa	WYa	WZa	N	QYi	QZi
	PXa	PYa	PZa	MT	MYi	MZi
	mm	mm	mm	kN	kN	kN
	Grd	Grd	Grd	kNm	kNm	kNm

Weight	0.00	0.00	-0.01	-0.001	0.000	1.492
	0.00	0.00	0.00	0.019	0.249	0.003

Operation1H	-0.87	-0.31	0.00	-0.410	0.417	1.203
	0.00	0.00	0.00	-0.047	0.199	-0.028

Operation2H	-0.87	-0.31	0.00	-0.410	0.417	1.203
	0.00	0.00	0.00	-0.047	0.199	-0.028

Operation6	-3.66	-1.52	-0.01	-0.315	0.907	0.899
	0.00	0.00	0.02	-0.270	0.538	-0.025

Operation1K	-0.87	-0.31	0.00	-0.410	0.417	1.203
	0.00	0.00	0.00	-0.047	0.199	-0.028

Operation2K	-0.87	-0.31	0.00	-0.410	0.417	1.203
	0.00	0.00	0.00	-0.047	0.199	-0.028

Wind1-X	0.00	0.00	0.00	-0.496	0.040	-0.019
	0.00	0.00	0.00	-0.004	-0.003	0.111

Wind1-Y	0.00	0.02	0.00	-0.071	-0.820	-0.014
	0.00	0.00	0.00	-0.003	-0.002	0.353

Extreme value	-3.66	-1.55	-0.01	-0.906	1.727	1.511
	0.00	0.00	0.02	-0.275	0.541	-0.381
