RESULT SHEET FOR LOCATION HS SFT

FATIGUE DESIGN CHECK - ATTACHMENTS TO TP

Id	Elev	Can	OD	nom WT	Curve	SCF	Correction factors f_R, f_w, f_t, f_m	γ_m	SigEq	Damage	DLife
[-]	[m LAT]	[-]	[m]	[mm]	[-]	[-]	[-]	[-]	[MPa]	[-]	[a]
TP01	20.527	2	6.000	80+0	100	1.300	1.000—1.150—0.792—1.000	1.25	28.66	0.321	79.68
TP01	19.857	2	6.000	80+0	100	1.300	1.000—1.150—0.792—1.000	1.25	28.90	0.335	76.47
TP02	20.200	2	6.000	80+0	140	3.000	1.300—1.000—0.890—1.075	1.25	22.10	0.571	44.81
TP03	20.000	2	6.000	80+0	100	1.250	1.000—1.150—0.792—1.000	1.25	28.18	0.242	105.53
TP03	19.750	2	6.000	80+0	100	1.250	1.000—1.150—0.792—1.000	1.25	28.27	0.246	103.90
TP04	18.800	3	6.000	80+0	140	3.000	1.300—1.000—0.890—1.075	1.25	22.42	0.633	40.41
TP05	17.900	3	6.000	80+0	100	1.300	1.000—1.150—0.792—1.000	1.25	29.59	0.377	67.93
TP05	17.700	3	6.000	80+0	100	1.300	1.000—1.150—0.792—1.000	1.25	29.66	0.381	67.12
TP06	13.900	4	6.000	85+0	100	1.300	1.000—1.150—0.783—1.000	1.25	29.41	0.388	65.86
TP06	13.700	4	6.000	85+0	100	1.300	1.000—1.150—0.783—1.000	1.25	29.48	0.393	65.10
TP07	11.500	5	6.000	92+0	100	1.250	1.000—1.150—0.771—1.000	1.25	27.45	0.245	104.58
TP07	11.250	5	6.000	92+0	100	1.250	1.000—1.150—0.771—1.000	1.25	27.53	0.248	103.09
TP08	8.700	6	6.000	96+4	100	1.450	1.000—1.300—0.764—1.000	1.25	28.09	0.326	78.56
TP08	8.300	6	6.000	96+4	100	1.180	1.000—1.300—0.764—1.000	1.25	28.60	0.127	201.08
TP09	7.500	6	6.000	96+4	100	1.250	1.000—1.150—0.764—1.000	1.25	27.62	0.263	97.11
TP09	7.480	6	6.000	96+4	100	1.250	1.000—1.150—0.764—1.000	1.25	27.63	0.264	97.00
TP10	3.404	8	6.324	91+4	100	1.350	1.000—1.150—0.772—1.000	1.25	27.34	0.348	73.46
TP10	2.854	8	6.381	91+4	100	1.350	1.000—1.150—0.772—1.000	1.25	27.06	0.331	77.37
TP11	2.700	8	6.398	91+4	100	1.240	1.000—1.300—0.772—1.000	1.25	28.20	0.144	177.50
TP11	2.300	8	6.439	91+4	100	1.460	1.000—1.300—0.772—1.000	1.25	27.68	0.297	86.19
TP12	-0.835	9	6.768	86+4	100	1.330	1.000—1.150—0.781—1.000	1.25	27.41	0.309	82.69
TP12	-1.165	9	6.802	86+4	100	1.280	1.000—1.150—0.781—1.000	1.25	27.35	0.253	101.17
TP13	-5.350	11	7.241	76+4	100	1.300	1.000—1.150—0.801—1.000	1.25	28.60	0.302	84.77
TP13	-5.650	11	7.272	76+4	100	1.300	1.000—1.150—0.801—1.000	1.25	28.47	0.295	86.64

FATIGUE DESIGN CHECK - ATTACHMENTS TO MP

Id	Elev	Can	OD	nom WT	Curve	SCF	Correction factors f_R, f_w, f_t, f_m	γ_m	SigEq	Damage	DLife
[-]	[m LAT]	[-]	[m]	[mm]	[-]	[-]	[-]	[-]	[MPa]	[-]	[a]
MP01	-35.700	12	8.000	95+0	140	2.570	1.300—1.000—0.875—1.104	1.25	24.83	0.494	51.79
MP02	-32.970	11	8.000	85+0	100	1.210	1.000—1.300—0.783—1.000	1.25	33.81	0.295	86.79
MP02	-33.090	11	8.000	85+0	100	1.210	1.000—1.300—0.783—1.000	1.25	33.88	0.298	85.90
MP03	-18.200	7	8.000	77+0	140	3.000	1.300—1.000—0.894—1.075	1.25	22.09	0.554	46.17

LIST OF ATTACHMENTS

Id	Type	Description	Top	Centre	Bottom	Location	Ground top	Ground Centre	Ground Bottom
[-]	[-]	[-]	[m LAT]	[m LAT]	[m LAT]	[-]	[-]	[-]	[-]
TP01	ATTM	Service Platform Support Rear	20.527	20.192	19.857	outside	yes	yes	yes
TP02	OPEN	Preliminary!!! Cable hole for LV	20.275	20.200	20.125	both	no	no	no
TP03	ATTM	Preliminary!!! Flange access platform (Level 1)	20.000	19.875	19.750	inside	yes	yes	yes
TP04	OPEN	Preliminary!!! Ventilation hole	18.890	18.800	18.711	both	no	no	no
TP05	ATTM	External access ladder, upper support	17.900	17.800	17.700	outside	yes	yes	yes
TP06	ATTM	External access ladder, lower support	13.900	13.800	13.700	outside	yes	yes	yes
TP07	ATTM	Preliminary!!! Switchgear platform (Level 2)	11.500	11.375	11.250	inside	yes	yes	yes
TP08	ATTM	BL upper support	8.700	8.500	8.300	outside	yes	yes	yes
TP09	ATTM	Preliminary!!!Airtight platform (Level 3)	7.500	7.490	7.480	inside	yes	yes	yes
TP10	ATTM	SLG-unit	3.404	3.129	2.854	inside	yes	yes	yes
TP11	ATTM	BL mid support	2.700	2.500	2.300	outside	yes	yes	yes
TP12	ATTM	BL lower support	-0.835	-1.000	-1.165	outside	yes	yes	yes
TP13	ATTM	Annode support at TP bottom	-5.350	-5.500	-5.650	outside	yes	yes	yes
MP01	OPEN	Cable hole entry	-35.431	-35.700	-35.969	both	no	no	no
MP02	ATTM	Preliminay!!! Anode cage support	-32.970	-33.030	-33.090	outside	yes	yes	yes
MP03	OPEN	Replenishment holes	-18.175	-18.200	-18.225	both	no	no	no