

Pre-accepted Geotechnical Programme

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Program Reference	Program	Version	Valid Till	Remarks
G0001	OASYS FREW	5.14	1998-05-23	
G0002	FLAC		1998-05-23	
G0003	SIGMA/W	2.0	1998-05-24	
G0004	DIPS	3.12	1998-06-25	
G0005	PILED/G		1998-07-09	
G0006	SEEP/G		1998-09-24	
G0007	SLOPE/G	3.0	1998-09-25	
G0008	SWEDGE	1.0	2001-09-27	
G0009	SLOPE	8.23	2013-01-20	
G0010	UNWEDGE	2.01	1998-11-13	
G0011	FLAC	3.3	2010-08-06	
G0012	SLOPE/W	2.06	1998-11-30	
G0013	PCSTABL5M		1998-12-26	
G0014	SLOPE/W	3.03	1999-02-05	
G0015	GALENA	2.0	2003-03-27	
G0016	SPENN3.BAS	1.0	2011-06-04	
G0017	PLAXIS	5.0	1999-03-24	
G0018	JANBU.BAS	1.0	2011-06-04	
G0019	FNDUBC1.BAS	1.0	2011-06-04	
G0020	RWALL1.BAS	1.0	2011-06-04	
G0021	SEEP/W	3	1999-08-27	
G0022	OASYS STAWAL	2.11	1999-09-09	
G0023	OASYS SLOPE	3.9	1999-09-09	
G0024	STABL/G		2009-04-03	Slope Stability Analysis (for use of Simplified Bishop and Simplified Janbu Methods Only)
G0025	OASYS SEEP	2.6	1999-09-09	
G0026	OASYS VDISP	5.5	1999-09-09	
G0027	OASYS GRETA	4.29	1999-11-01	
G0028	OASYS FREW	7.4	1999-11-01	
G0029	OASYS FREW	5.7	1999-11-01	
G0030	OASYS WELL	0.1H	1999-11-12	
G0031	OASYS SAFE	8.66	2006-08-06	
G0032	WALLAP	4.05	1999-12-22	
G0033	SWEDGE	1.12	2000-01-27	
G0034	UNIBEAR	1.0	2000-03-24	
G0035	RIDO	4.0	2000-03-25	
G0036	DIPS	3.0	2000-04-02	
G0037	TALREN	2.3	2000-04-03	
G0038	FLAC	3.3	2000-05-01	
G0039	SEEP/W	4.0	2000-05-15	
G0040	KZERO	2	2009-09-19	
G0041	DIANA	5.0	2010-08-12	
G0042	STABL5	5.2	2003-08-08	
G0043	OASYS SLOPE	3.7	2006-09-18	
G0044	OASYS SEEP	2.2	2006-09-18	
G0045	DIPS	4.0	2000-06-16	
G0046	SWEDGE	1.1	2000-06-16	
G0047	STAWAL	9/91	2000-09-29	
G0048	OASYS SLOPE	3.5	2004-01-28	

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G0049	SLOPE/W	3.05	2005-02-07	
G0050	OASYS FREW	5.11	2006-09-18	
G0051	SLOPE/W	3	2006-09-18	
G0052	PMWIN (MODFLOW)		2000-09-29	
G0053	STED	6.54i	2000-11-19	
G0054	SEEP/W	4.02	2000-12-01	
G0055	WALLAP	4.07	2001-01-25	
G0056	ReWaRD	2.03	2001-02-26	
G0057	ReActiv	1.05	2001-02-26	
G0058	GWALL	2.41	2013-01-20	
G0059	OASYS SLOPE	4.12	2010-06-24	
G0060	OASYS STAWAL	3.5	2010-06-24	
G0061	OASYS SAFE	11.4	2010-06-24	
G0062	OASYS VDISP	6.5	2007-07-12	
G0063	OASYS SEEP	3.9	2013-01-20	
G0064	ROCKFAL3	1.0	2001-05-21	
G0065	OASYS SLOPE	4.9	2001-05-14	
G0066	OASYS FREW	8.8	2010-06-22	
G0067	OASYS VDISP	6.4	2001-05-21	
G0068	BMCOLPY/G		2001-09-11	
G0069	OASYS PILE	2.4	2010-12-05	
G0070	OASYS GRETA	5.4	2010-06-24	
G0071	OASYS PILSET	3.4	2010-06-24	
G0072	JANBU	1.0	2001-06-03	
G0073	JANBU	1.0	2001-06-03	
G0074	BEFON	1.0	2001-09-24	
G0075	SAGE CRISP	3.02	2001-06-18	
G0076	CWD	1.0	2001-07-07	
G0077	FEWAND	1.02	2001-07-07	
G0078	GWALL	2.4	2001-07-19	
G0079	DIPS	3.11	2001-07-21	
G0080	WALLAP	3.4	2001-08-10	
G0081	OASYS STAWAL	2.9	2001-08-13	
G0082	GOLDPIT	1.21D	2001-08-18	
G0083	COLOB	98.5	2004-11-14	
G0084	RWALL	98.5	2004-11-14	
G0085	JANBU		2010-11-14	
G0086	JANBU	1.0	2001-09-20	
G0087	SIGMA/W	3.0	2001-10-04	
G0088	WALLAP	4.10	2012-08-05	
G0089	TALREN	3.2	2001-10-08	
G0090	OASYS FREW	8.11	2008-02-03	
G0091	SLOPE/W	4.01	2001-11-24	
G0092	SEEP/W	4.2	2013-01-20	
G0093	OASYS VDISP	5.3	2001-11-26	
G0094	SABLE	98.5	2004-11-14	
G0095	FADSPABW		2008-11-10	
G0096	SHEETPILE/2	2.4	2002-01-14	
G0097	SLSTABBM	0.0	2002-06-10	
G0098	OASYS FREW	5.10	2000-11-23	
G0099	OASYS FREW	8.9	2005-12-19	
G0100	PAROI2	4.6 HK	2006-01-26	

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G0101	PCSTABL5M	1.87	2012-06-25	
G0102	OASYS CLOG	2.4	2002-12-08	
G0103	UNWEDGE	2.3	2006-07-03	
G0104	SLOPE/W	4.21	2010-08-19	The acceptance of the program is subject to the following restrictions: (a) The program is used only for slope stability analysis using the limit equilibrium method of Bishop's Simplified, Janbu's Simplified, or Morgenstern-Price; (b) Jambo's method should not be used for deep seated failure and tie-back loads analysis; and (c) Pseudo-static earthquake analysis, block slip analysis, bearing capacity analysis and probability analysis are excluded.
G0105	SOCKET	1.0	2012-05-06	
G0106	KaKp	1.0	2012-05-06	
G0107	SIGMA/W	4	2003-06-25	
G0108	Q_ALL	1.0	2012-05-06	
G0109	FLAC	3.4	2009-07-05	For the application in excavation & retaining structure only
G0110	CHANNEL	1.0	2012-05-06	
G0111	CESAR-LCPC	3.2.1	2003-08-29	
G0112	GSTABL7	1.14	2003-10-08	
G0113	RIDO	4.01	2010-04-16	
G0114	SLOPE/W	4.22	2010-07-30	- for analysis by Bishop Simplified and Morgenstern-Price method only - excluding applications in solving bearing capacity and seismic loading
G0115	SLOPE 2000	1.6	2007-08-16	
G0116	OASYS VDISP	17.7.2	2011-01-22	
G0117	OASYS SLOPE	17.7.2	2011-03-05	
G0119	SLOPE/W	4.24	2008-04-27	- excluding application in solving bearing capacity, seismic loading and block failure problem
G0120	DIPS	3.12	2012-03-12	
G0121	DIPS	5.0	2011-04-13	
G0122	TUNSET	3.7	2008-05-25	
G0123	SLOPE/W	5.0	2008-07-18	Only Janbu Simplified, Bishop, Spencer and Morgenstern-Price should be used. The use of the program in solving bearing capacity and seismic loading are excluded
G0124	PLAXIS	7.2	2005-09-01	
G0125	SLOPE-STABILITY	7.99	2005-10-20	
G0126	DEBRIFLO	1.02	2010-05-16	
G0127	SEEP/W	5	2009-04-09	
G0128	Oasys FREW	17.8	2012-10-29	

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G0129	CONSOLID	1.0	2012-05-06	
G0130	Oasys SEEP	3.10	2009-11-29	
G0131	TUNSET	17	2006-11-10	
G0132	Processing Modflow (PMWIN)	5.1.5	2007-04-29	
G0133	PLAXIS	8.2	2011-02-25	Only Mohr-Coulomb model should be used
G0134	OASYS FREW	18.1	2008-07-07	Refer to the "Notes for FREW users - for use with MODified C580 Approach"
G0135	SLOPE 2000	1.7	2009-03-09	The above acceptance is subject to the following restriction: 1. Pile anchorage simulation is not allowed. 2. Sarma's, Wedge, Lowe Karafiath analysis and 3D analysis options are not allowed. 3. Davis method on bond load calculation for soil nail is not allowed. 4. Combined bond load from soil friction and rock bond for soil nail is not allowed.
G0136	CRSP	4.0	2012-10-07	
G0137	UNWEDGE	3.0	2009-09-21	
G0138	SLOPE/W	6.20	2009-11-06	
G0139	DIPS	5.1	2009-11-23	
G0140	SWEDGE	4.0	2010-03-11	
G0141	OASYS TUNSET	18.1	2010-07-24	- For analysis of tunneling problem by Attewell, Boscardin and Mair et al methods only and - User specified i/h ratio not allowed.
G0142	SLOPE/W	6.21	2010-12-27	- The FOS of the cohesive and frictional component of strength are assumed equal for all soils involved. - The FOS is assumed to be same for all slices. - When excessively steep surface are used or when a strong material overlies a very weak material, SLOPE/W may have difficulties in obtaining a convergent solution.
G0143	SEEP/W	2007	2011-09-04	
G0144	OASYS SLOPE	18.2	2011-10-07	-The program uses the method of slices and variety of established methods for calculating interslice forces such as Fellenius or Swedish slip circle analysis, the Bishop horizontal or constant inclined inter-slice forces method and janbu method. - Each slice in the inclined interlice force methods is in equilibrium both vertically and horizontally

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G0145	SLOPE/W	5.20	2012-03-15	<p>1. Only Bishop Simplified, Janbu Simplified, and Morgenstern & Price method are allowed to use</p> <p>2. The following applications are excluded</p> <ul style="list-style-type: none"> - Use of partial factor for slope stability analysis - Bearing capacity analyses - Pseudo-static earthquake analyses - Active and passive pressures - Block failure - Analyses allowing passive mode - Probabilistic analyses - Hoek-Brown failure criterion for modeling shear strength of soil or rock - Unsaturated shear strength - Analyses using SLOPE/W finite element stress method - Auto-Locate (or Auto-Search) for critical slip surfaces will produce results for indication only - SHANSEP model for soft soils
G0146	SLOPE/W	2007	2012-03-15	<p>1. Only Bishop Simplified, Janbu Simplified, Morgenstern & Price and Spender methods are allowed to use</p> <p>2. The following applications are excluded</p> <ul style="list-style-type: none"> - Use of partial factor for slope stability analysis - Bearing capacity analyses - Pseudo-static earthquake analyses - Active and passive pressures - Block failure - Analyses allowing passive mode - Probabilistic analyses - Hoek-Brown failure criterion for modeling shear strength of soil or rock - Unsaturated shear strength - Analyses using SLOPE/W finite element stress method - Auto-Locate (or Auto-Search) for critical slip surface will produce results for indication only - SHANSEP model for soft soils
G0147	OASYS FREW	18.1	2012-06-16	<p>Global Factor Approach</p> <p>Restrictions: - Applied in the design of excavation and lateral support works by conventional approach, such as those described in GEO Publication 1/90</p> <ul style="list-style-type: none"> - Only SAFE model method can be in this version of program
G0148	DAN-W	Release 9	2012-06-25	Only Voellmy rheological model may be used
G0149	PAROI 2	4.9e	2012-08-20	Global Factor Approach

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G0150	UDEC	4.0	2012-12-15	Only ground excavation and rock reinforcement in tunnel and cavern works are allowed to use
S0151	DAN-W	Release 9	2012-12-17	Only frictional rheological model