

Product/Version or Task: Compos 8.0 build 2

Software Components Used In Test		
File	Description	Version
EXEs		
Compos	Main Compos program	8.0.9.0
Design DLLs		
Gsa_Des_BS5950	Steel design module - steel design to BS5950	8.1.4.0
Oasys DLLs		
OaBase	Oasys basic dialogs library	3.0.26.0
OaDes	Oasys design library	3.0.24.0
OaSect	Oasys section library	3.0.26.0
OaSteelDesUtil	Oasys steel design library	3.0.24.0
OaUtil	Oasys utility classes and functions	3.0.26.0
OaWin	Oasys Windows class library	3.0.26.0

Test Procedure ^{(1)/(2)}																					
Verification																					
1 Requirements																					
1.1	TL	1.2		1.3	TL	1.4															
2 Design																					
2.1		2.2		2.3		2.4	TL	2.5	TL												
3 Code																					
3.1	TL	3.2	TL	3.3		3.4															
4 Integration																					
4.1	TL																				
5 Documentation																					
5.1	TL	5.2	TL																		
6 Development Outputs																					
6.1		6.2	TL	6.3	TL	6.4.1		6.4.2	TL												
Validation																					
Comments:																					
4.1 See file < GF62 1 Test Report.doc>																					
6.4.2 Details of integration tests carried out:																					
6.4.3																					
<table border="1"> <thead> <tr> <th colspan="2">General User Interface Tests</th> </tr> </thead> <tbody> <tr> <td colspan="2">Graphics</td> </tr> <tr> <td colspan="2">Member tree view</td> </tr> <tr> <td colspan="2">Property wizard</td> </tr> <tr> <td colspan="2">Output view</td> </tr> <tr> <td>Comments :</td> <td>TL</td> </tr> </tbody> </table>										General User Interface Tests		Graphics		Member tree view		Property wizard		Output view		Comments :	TL
General User Interface Tests																					
Graphics																					
Member tree view																					
Property wizard																					
Output view																					
Comments :	TL																				
<table border="1"> <thead> <tr> <th colspan="2">Analysis and design Tests</th> </tr> </thead> <tbody> <tr> <td colspan="2">Analysis (Check whether Compos will analyse the member correctly)</td> </tr> </tbody> </table>										Analysis and design Tests		Analysis (Check whether Compos will analyse the member correctly)									
Analysis and design Tests																					
Analysis (Check whether Compos will analyse the member correctly)																					

Design (Check whether Compos will select the correct steel beam section to satisfy code requirement) Web opening analysis (Check Compos does web opening design correctly) Transverse shear analysis (Check Compos does transverse shear analysis correctly) Foot-fall induced floor vibration (check response factors calculated are correct)	
Interface Tests Read and write binary data file Read and write text data file COM interface (Check COM interface from Microsoft Excel VBA)	
Comments :	TL

Conclusions of Test All tests have been satisfied.
--

Report Prepared By	Thomas Li	Date	12/4/2006
Accepted For Release (Yes/No)	YES		
Product Director	Chris Kaethner	Date	12/4/2006

Notes

- (1) Identify procedures, data files and resulting reports, where appropriate. Identify testers and operating system(s).
- (2) For descriptions of verification sub-classifications see the corresponding items in Procedure GP36 (Software Verification and Validation). Those tests proposed in the Test Plan shall be initialled as completed.