

Prospective Software Validation

Software validation provides documented evidence that software performs as intended. QW 5.0 version 5.00.0744 has been validated per the protocol established by Busitech and agreed to by its primary customer representatives. Any discrepancies discovered in the validation process that could not be resolved by the product release date will clearly be identified in the validation report and corrected in future versions.

QW 5.0 is highly configurable to the customer's application. Some customers also develop custom installation programs (for example, with customer defined calculations). The customer may need to also validate their installation and application of QW 5.0 version 5.00.0744, particularly when QW 5.0 version 5.00.0744 is used directly in the control of regulated products. This additional validation, if needed, is the responsibility of the customer.

Busitech provides this validation so that customers can have confidence in Busitech products and comply with their needs to use validated software.

Busitech programming code is proprietary to Busitech and not available for customer review. All code is based on Visual Basic 6, a commercially released Microsoft language and fully compatible with Windows 95, 98, 2000, XP and NT.

Validation Process

The validation protocol (also known as a test plan) lays out the tests and success criteria required by the validation process. Validation testing is typically organized into 3 steps:

| | |
|---------------------------------|----------------------------|
| INSTALLATION QUALIFICATION (IQ) | - static checks |
| OPERATIONAL QUALIFICATION (OQ) | - dynamic testing |
| PERFORMANCE QUALIFICATION (PQ) | - application verification |

Busitech only does IQ and OQ. PQ if necessary is the responsibility of the customer.

The validation report presents the test data relative to success criteria and documents any discrepancies.

The validation process is repeated with each released version. Busitech maintains the right to shorten the validation process or reapply the previous validation when programming changes are known to have not changed specific areas of the program, as is the case with some maintenance releases.

Validation Protocol

Installation Qualification (IQ)

Objectives and Success Criteria

The installation program provided by Busitech will ensure that

- All the right programs (of the right version) are in the right folders.
- All the Busitech components (dll's and ocx's) are in the right folders.

Key risks

- Wrong file versions are installed.
- Necessary files are not successfully installed.
- Note: the customer may choose to not use the Busitech install program or the customer may tamper with the files after installation. These changes are the responsibility of the customer to validate.

Steps & Checks

1. The software will be installed onto a PC (which does not currently have QW 5.0 installed) using the Busitech install program.
2. All files will be verified (relative to a master file list) as to their presence, location, version number and compile date. Note that the user can choose to change the default location and name of the folders.
3. A listing of Busitech installed files will be included in the validation report, showing the version number and compile date of each program.

Validation Report

Installation Qualification (IQ)

Objectives and Success Criteria

The installation program provided by Busitech will ensure that

All the right programs (of the right version) are in the right folders.

All the Busitech components (dll and ocx) are in the right folders

Steps & Checks

- The software will be installed onto a PC (which does not currently have QW 5.0 installed) using the Busitech install program.
(Completed by Noel Windle July 8, 2009)
- All files will be verified as to their presence (relative to a master file list), location and compile date. (Completed by Noel Windle May21, 2009)

All programs and files will be verified (relative to a master file list) as to their presence, location, version number and compile date. A listing of Busitech installed programs and files is shown below, showing the version number and compile dates.

| File | MM/DD/YY | Version |
|--|----------|----------------|
| Files installed in C:\Busitech\QW 5.0 (default) | | |
| BUSITECH.GIF | 11/22/04 | Not Applicable |
| ENVIROVAR.GIF | 12/20/06 | Not Applicable |
| HEADER.GIF | 04/06/05 | Not Applicable |
| INSTALL.LOG (created at install time) | | Not Applicable |
| QW 5 Release Notes.HTM | 07/08/09 | Not Applicable |
| QW.EXE | 07/07/09 | 5.0.0.744 |
| QW50.CNT | 02/08/06 | Not Applicable |
| QW50.HLP | 02/08/06 | Not Applicable |
| QW.HTM | 06/19/06 | Not Applicable |
| QW50LIC.TXT | 02/26/04 | Not Applicable |
| QWADD.EXE | 10/18/07 | 5.0.0.24 |
| QWAPPL.EXE | 06/22/09 | 5.0.0.122 |
| QWBACKUP.EXE | 07/16/07 | 5.0.0.6 |
| QWCHECKFORUPDATES.EXE | 09/15/06 | 1.0.0.0 |
| QWCONCOM.EXE | 07/08/05 | 5.00.0020 |
| QWDATACLIENT.EXE | 06/26/09 | 5.0.0.29 |
| QWDATACLIENT.IQW | 04/02/09 | Not Applicable |
| QWDEBUG.EXE | 03/21/07 | 1.0.0.2 |
| QWFILELOCKSVC.DOC | 05/11/05 | Not Applicable |
| QWFILELOCKSVC.EXE | 05/08/07 | 1.0.0.6 |
| QWFILEPACK.EXE | 03/23/07 | 5.0.0.20 |
| QWFILESYNC.EXE | 05/17/07 | 5.0.0.2 |
| QWFILESYNC.IQW | 12/18/08 | Not Applicable |

| | | |
|---|-----------------|-----------------------|
| QWFILESYNCSETUP.EXE | 05/22/07 | 5.0.0.10 |
| QWGLOBAL.EXE | 06/22/09 | 5.0.0.122 |
| QWLAUNCH.CNT | 02/16/05 | Not Applicable |
| QWLAUNCHTRAY.EXE | 02/10/09 | 5.00.0038 |
| QWLAUNCH.HLP | 02/16/05 | Not Applicable |
| QWLAUNCH.IQW | 10/03/04 | Not Applicable |
| QWMERGE.CNT | 02/16/05 | Not Applicable |
| QWMERGE.EXE | 09/29/08 | 5.00.0050 |
| QWMERGE.HLP | 02/16/05 | Not Applicable |
| QWPOPUP.EXE | 06/22/09 | 5.0.0.122 |
| QWREPORT.EXE | 01/23/07 | 5.00.0034 |
| QWRS232.CHM | 02/02/06 | Not Applicable |
| QWRS232.EXE | 10/16/08 | 5.00.0018 |
| QWRS232SETUP.EXE | 11/03/08 | 5.00.0036 |
| QWSCHEDULE.EXE | 02/01/06 | 1.0.0.75 |
| QWSETUP.CNT | 02/16/05 | Not Applicable |
| QWSETUP.EXE | 06/22/09 | 5.0.0.122 |
| QWSETUP.HLP | 02/16/05 | Not Applicable |
| QWSQLWIZ.EXE | 06/22/09 | 5.0.0.0022 |
| QWSQLWIZ.TXT | 10/17/06 | Not Applicable |
| QWSUMSTAT.EXE | 07/02/09 | 5.0.0.0067 |
| QWSUMSTAT.QWX | 05/29/09 | Not Applicable |
| QWTEXT.CHM | 01/30/06 | Not Applicable |
| QWTRIGGER.EXE | 07/19/07 | 1.0.0.9 |
| QWUPDATE.DOC | 10/29/04 | Not Applicable |
| QWUTILITIES.CHM | 03/16/06 | Not Applicable |
| QWUTILITIES.EXE | 08/15/08 | 5.0.0.38 |
| QWVERSION.EXE | 02/01/06 | 5.0.0.6 |
| QWVERSION.IQW | 05/21/09 | Not Applicable |
| QWXLTOQW.CNT | 02/16/05 | Not Applicable |
| QWXLTOQW.EXE | 04/07/09 | 5.0.0.32 |
| QWXLTOQW.HLP | 02/16/05 | Not Applicable |
| QWXML.EXE | 09/30/08 | 5.0.0.20 |
| QWREG.BAT | 10/03/06 | Not Applicable |
| Files installed in C:\Busitech\QW 5.0\PocketQW (default) | | |
| MICROSOFTEVBRUNTIME.INI | 11/05/04 | Not Applicable |
| MSVBPPC.ARMV4.CAB | 10/25/04 | Not Applicable |
| POCKETQW.ARM 1100 (4K) V3.00.CAB | 12/07/05 | Not Applicable |
| POCKETQW.I486 (4K) V3.00.CAB | 12/07/05 | Not Applicable |
| POCKETQWSETUP.EXE | 11/12/04 | 1.0.0.0 |
| POCKETQWSYNC.AVI | 03/28/03 | Not Applicable |
| POCKETQWSYNC.EXE | 01/25/06 | 1.0.0.13 |
| POCKETQW.INI | 11/26/04 | Not Applicable |
| POCKETQW.CHM | 07/11/05 | Not Applicable |
| SETUP.INI | 08/19/04 | Not Applicable |

| Files installed in C:\Busitech\QW50\Sample QW Applications (default) | | |
|---|----------|----------------|
| 8433.GIF | 05/03/02 | Not Applicable |
| CHOCOLATE CHIP 16oz.QWD | 10/02/06 | Not Applicable |
| CHOCOLATE CHIP 16oz.QWI | 10/02/06 | Not Applicable |
| CHOCOLATE CHIP 16oz.QWT | 10/02/06 | Not Applicable |
| CHOCOLATE MINT.QWD | 10/02/06 | Not Applicable |
| CHOCOLATE MINT.QWD | 10/02/06 | Not Applicable |
| CHOCOLATE MINT.QWD | 10/02/06 | Not Applicable |
| COOKIE MONTHLY REPORT.SUM | 10/02/06 | Not Applicable |
| CRITICAL.QPD | 27/05/02 | Not Applicable |
| CRITICAL.QPI | 27/05/02 | Not Applicable |
| CRITICAL.QPT | 27/05/02 | Not Applicable |
| DTCAUSES.QPD | 06/07/05 | Not Applicable |
| DTCAUSES.QPI | 06/07/05 | Not Applicable |
| DTCAUSES.QPT | 06/07/05 | Not Applicable |
| DTREASON.QPD | 14/04/98 | Not Applicable |
| DTREASON.QPI | 14/04/98 | Not Applicable |
| DTREASON.QPT | 08/06/94 | Not Applicable |
| FAILURE.QVM | 06/23/02 | Not Applicable |
| FAILURE.QWA | 12/07/05 | Not Applicable |
| FAILURE.QWD | 12/07/05 | Not Applicable |
| FAILURE.QWI | 12/07/05 | Not Applicable |
| FAILURE.QWT | 03/09/05 | Not Applicable |
| FAILURE.QWX | 02/25/03 | Not Applicable |
| FAILURE.V1 | 06/06/02 | Not Applicable |
| FAILURE.V2 | 06/06/02 | Not Applicable |
| FAILURE.V3 | 02/25/03 | Not Applicable |
| FAILURE.V4 | 02/25/03 | Not Applicable |
| FAILURE.V5 | 02/25/03 | Not Applicable |
| FAILURE.V6 | 02/25/03 | Not Applicable |
| KEYWORDS.KEY | 12/18/03 | Not Applicable |
| MONITOR SQL.QWT | 09/19/06 | Not Applicable |
| MONITOR.COA | 07/25/03 | Not Applicable |
| MONITOR.JPG | 07/23/03 | Not Applicable |
| MONITOR.QVM | 12/08/05 | Not Applicable |
| MONITOR.QWD | 12/08/05 | Not Applicable |
| MONITOR.QWI | 12/08/05 | Not Applicable |
| MONITOR.QWT | 12/08/05 | Not Applicable |

| | | |
|--------------------|----------|----------------|
| MONITOR.QWX | 07/27/06 | Not Applicable |
| MONITOR.V5 | 12/08/05 | Not Applicable |
| MONITOR.V8 | 12/08/05 | Not Applicable |
| MONITOR.V9 | 12/08/05 | Not Applicable |
| MONITOR.V12 | 12/08/05 | Not Applicable |
| MONITOR.V13 | 12/08/05 | Not Applicable |
| MONITOR.V14 | 12/08/05 | Not Applicable |
| MONITOR.V16 | 09/24/06 | Not Applicable |
| MONITOR.V17 | 12/08/05 | Not Applicable |
| OATMEAL 16oz.QWD | 10/02/06 | Not Applicable |
| OATMEAL 16oz.QWI | 10/02/06 | Not Applicable |
| OATMEAL 16oz.QWT | 10/02/06 | Not Applicable |
| OATMEAL RAISIN.QWD | 10/02/06 | Not Applicable |
| OATMEAL RAISIN.QWI | 10/02/06 | Not Applicable |
| OATMEAL RAISIN.QWT | 10/02/06 | Not Applicable |
| OFFQUAL.QPD | 04/12/05 | Not Applicable |
| OFFQUAL.QPI | 04/12/05 | Not Applicable |
| OFFQUAL.QPT | 04/12/05 | Not Applicable |
| PM001.HTM | 05/03/02 | Not Applicable |
| PM 002.HTM | 05/03/02 | Not Applicable |
| PM 003.HTM | 05/03/02 | Not Applicable |
| PM 004.HTM | 05/03/02 | Not Applicable |
| PM 005.HTM | 05/03/02 | Not Applicable |
| PM 006.HTM | 05/03/02 | Not Applicable |
| PM 007.HTM | 05/03/02 | Not Applicable |
| PM 008.HTM | 05/03/02 | Not Applicable |
| PM 009.HTM | 05/03/02 | Not Applicable |
| PM 010.HTM | 05/03/02 | Not Applicable |
| PM 011.HTM | 05/03/02 | Not Applicable |
| PM 012.HTM | 05/03/02 | Not Applicable |
| PM 013.HTM | 05/03/02 | Not Applicable |
| PM 014.HTM | 05/03/02 | Not Applicable |
| PM 015.HTM | 05/03/02 | Not Applicable |
| PM 016.HTM | 05/03/02 | Not Applicable |
| PM 017.HTM | 05/03/02 | Not Applicable |
| PM 018.HTM | 05/03/02 | Not Applicable |
| PM 019.HTM | 05/03/02 | Not Applicable |
| PM 020.HTM | 05/03/02 | Not Applicable |

| | | |
|--|----------|----------------|
| PM 021.HTM | 05/03/02 | Not Applicable |
| PRODUCTION – SQL SERVER.QWT | 10/19/06 | Not Applicable |
| PRODUCTION – SQL SERVER.QWX | 10/03/06 | Not Applicable |
| PRODUCTION.MDB | 09/25/06 | Not Applicable |
| PRODUCTION.QWT | 10/03/06 | Not Applicable |
| PRODUCTION.QWX | 11/03/06 | Not Applicable |
| PRODUCTION.XLS | 10/03/06 | Not Applicable |
| PRODUCTS.QPD | 05/27/02 | Not Applicable |
| PRODUCTS.QPI | 05/27/02 | Not Applicable |
| PRODUCTS.QPT | 05/27/02 | Not Applicable |
| Quality Root Cause Tracking & Analysis.KEY | 12/18/03 | Not Applicable |
| Quality Root Cause Tracking & Analysis.QVM | 06/23/02 | Not Applicable |
| Quality Root Cause Tracking & Analysis.QWA | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.QWD | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.QWI | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.QWT | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V1 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V2 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V3 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V4 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V5 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V6 | 12/08/05 | Not Applicable |
| Quality Root Cause Tracking & Analysis.V7 | 12/08/05 | Not Applicable |
| QWWAVE.JPG | 05/03/02 | Not Applicable |
| Scale Interface Example.QWD | 02/08/06 | Not Applicable |
| Scale Interface Example.QWI | 02/08/06 | Not Applicable |
| Scale Interface Example.QWT | 02/08/06 | Not Applicable |
| ScoutPro.INI | 02/09/06 | Not Applicable |
| SHIFT.IO | 05/27/02 | Not Applicable |
| SHIFT.QPD | 05/27/02 | Not Applicable |
| SHIFT.QPI | 05/27/02 | Not Applicable |
| SHIFT.QPT | 05/27/02 | Not Applicable |
| TEAM.IO | 06/24/02 | Not Applicable |
| TEAM.QPD | 05/27/02 | Not Applicable |
| TEAM.QPI | 05/27/02 | Not Applicable |
| TEAM.QPT | 05/27/02 | Not Applicable |
| TEMPGAUGE.JPG | 05/03/02 | Not Applicable |
| VISCO.JPG | 05/03/02 | Not Applicable |

| | | |
|--|-----------|----------------|
| WHENWAS.QPD | 05/27/02 | Not Applicable |
| WHENWAS.QPI | 05/27/02 | Not Applicable |
| WHENWAS.QPT | 05/27/02 | Not Applicable |
| WHEREWAS.QPD | 05/27/02 | Not Applicable |
| WHEREWAS.QPI | 05/27/02 | Not Applicable |
| WHEREWAS.QPT | 05/27/02 | Not Applicable |
| Files installed in C:\Busitech\QW50\Sample QW Applications\Database Interface - Master Limits Example | | |
| Production - SQL Server.qwd | 04/07/09 | Not Applicable |
| Production - SQL Server.qwi | 04/07/09 | Not Applicable |
| Production - SQL Server.qwt | 05/01/07 | Not Applicable |
| Production - SQL Server.qwx | 05/01/07 | Not Applicable |
| Production database SQL Inquiry.qwd | 04/07/09 | Not Applicable |
| Production database SQL Inquiry.qwi | 04/07/09 | Not Applicable |
| Production database SQL Inquiry.qwt | 10/30/08 | Not Applicable |
| Production.mdb | 04/01/08 | Not Applicable |
| Production.qwd | 04/07/09 | Not Applicable |
| Production.qwi | 04/07/09 | Not Applicable |
| Production.qwt | 04/01/08 | Not Applicable |
| Production.xls | 02/22/07 | Not Applicable |
| Files installed in C:\Busitech\QW50\Sample QW Applications\Summary Statistics Reporting Example | | |
| Chocolate Chip 16oz.qwd | 05/01/07 | Not Applicable |
| Chocolate Chip 16oz.qwi | 05/01/07 | Not Applicable |
| Chocolate Chip 16oz.qwt | 05/01/07 | Not Applicable |
| Chocolate Mint.qwd | 05/01/07 | Not Applicable |
| Chocolate Mint.qwi | 05/01/07 | Not Applicable |
| Chocolate Mint.qwt | 05/01/07 | Not Applicable |
| Cookie Monthly Report.SUM | 004/02/09 | Not Applicable |
| Oatmeal 16oz.qwd | 05/01/07 | Not Applicable |
| Oatmeal 16oz.qwi | 05/01/07 | Not Applicable |
| Oatmeal 16oz.qwt | 05/01/07 | Not Applicable |
| Oatmeal Raisin 16oz.qwd | 05/01/07 | Not Applicable |
| Oatmeal Raisin 16oz.qwi | 05/01/07 | Not Applicable |
| Oatmeal Raisin 16oz.qwt | 05/01/07 | Not Applicable |
| Files installed in C:\Busitech\QW50\Sample QW Applications\Weight Scale Interface Example | | |
| Scale Interface Example.qwd | 04/01/08 | Not Applicable |

| | | |
|---|----------|----------------|
| Scale Interface Example.qwi | 04/01/08 | Not Applicable |
| Scale Interface Example.qwt | 10/29/08 | Not Applicable |
| ScoutPro.INI | 02/02/07 | Not Applicable |
| Weight.1 | 02/02/07 | Not Applicable |
| Weight.2 | 02/02/07 | Not Applicable |
| Weight.3 | 02/02/07 | Not Applicable |
| Files installed in C:\Windows\System | | |
| ASYCFILT.DLL | 06/19/03 | 2.40.4522 |
| CHILKATMHT.DLL | 07/07/03 | 2.9.6.1 |
| COMCAT.DLL (only if NOT Win/NT) | 06/19/03 | 5.0.2195.1 |
| COMCT332.OCX | 03/09/04 | 6.7.0.97.82 |
| COMDLG32.OCX | 03/09/04 | 6.1.97.82 |
| CTL3D32.DLL (only if Win/NT) | 12/07/99 | 2.31.000 |
| GDIPLUS.DLL | 05/04/04 | 5.1.3102.1360 |
| HDSECOMPRESSION.DLL | 10/21/05 | 2.3.0.8 |
| MSCOMCT2.OCX | 03/09/04 | 6.1.97.82 |
| MSCOMCTL.OCX | 03/09/04 | 6.1.97.82 |
| MSCOMM32.OCX | 06/24/98 | 6.0.81.69 |
| MSFLXGRD.OCX | 03/08/04 | 6.1.97.82 |
| MSMAPI32.OCX | 06/24/98 | 6.00.81.69 |
| MSMASK32.OCX | 05/22/00 | 6.00.84.18 |
| MSSCRIPT.OCX | 07/22/02 | 1.0.0.7615 |
| MSVBVM60.DLL | 02/22/04 | 6.0.97.82 |
| MSVCRT.DLL | 08/04/04 | 7.0.2600.2180 |
| MSVCRT40.DLL | 12/07/99 | 4.2000.6201 |
| MSWINSCK.OCX | 03/08/04 | 6.1.97.82 |
| OLEAUT32.DLL | 06/19/03 | 2.40.4522 |
| OLEPRO32.DLL | 06/19/03 | 5.0.4522 |
| OPCDAAUTO.DLL | 07/25/01 | 2.0.0.3 |
| PTXSCP.OCX | 06/21/00 | 1.0.0.58 |
| QWACCESS.DLL | 01/19/09 | 5.00.0409 |
| QWCHARTS.OCX | 01/20/09 | 5.00.1964 |
| QWCOMSRV.EXE | 04/06/06 | 5.00.0064 |
| QWDLG.DLL | 03/30/09 | 5.00.0169 |
| QWFILELOCKSVC.EXE | 05/08/07 | 1.0.0.6 |
| QWFILELOCKSVC.TLB | 05/08/07 | Not Applicable |
| QWLAUNCH.DLL | 11/09/04 | 5.00.0007 |
| QWLIB.DLL | 05/22/02 | 5.00.0032 |
| QWLICENSE.DLL | 03/09/09 | 5.00.0047 |
| QWLOGVIEW.DLL | 01/25/06 | 1.0.0.11 |
| QWMATH.DLL | 09/07/05 | 5.0.0.11 |
| QWPACIFIER.OCX | 07/08/05 | 5.0.0.5 |
| QWPOPUP.OCX | 05/14/09 | 5.0.0.111 |
| QWREP.DLL | 01/20/09 | 5.00.647 |

| | | |
|-----------------|----------|----------------|
| QWREPORT.OCX | 01/23/07 | 5.0.0.186 |
| QWRULES.SYS | 10/28/02 | Not Applicable |
| QWSCRIPT.QWX | 10/21/05 | Not Applicable |
| QWSCRIPTS.SYS | 06/28/02 | Not Applicable |
| QWSECURE.QWX | 05/03/02 | Not Applicable |
| QWSELECT.DLL | 02/24/09 | 5.00.0428 |
| QWSTATS.SYS | 02/09/06 | Not Applicable |
| QWSQL.DLL | 02/14/08 | 5.0.0.108 |
| QWTEXT.DLL | 01/27/06 | 5.0.0.24 |
| QWTOOL.DLL | 05/05/09 | 5.00.0249 |
| QWUNITS.SYS | 10/15/02 | Not Applicable |
| QWUNITS_NEW.SYS | 06/12/06 | Not Applicable |
| QWUPDATE.DOC | 10/29/04 | Not Applicable |
| QWUPDATE.OCX | 10/18/07 | 5.0.0.318 |
| QWVARINFO.OCX | 01/28/08 | 5.0.0.92 |
| SSSPLT30.OCX | 03/04/02 | 3.0.3..8 |
| STDOLE2.TLB | 06/19/03 | 2.40.4522 |
| TABCTL32.OCX | 03/08/04 | 6.1.97.82 |
| TDBG7.OCX | 12/15/00 | 7.0.0254 |
| VBSENDMAIL.DLL | 09/05/03 | 3.6.0.5 |
| VSFLEX7L.OCX | 03/22/02 | 7.0.1.151 |
| VSFLEX7U.OCX | 01/10/02 | 7.0.0.144 |

Existing files are overwritten only if Date, Time and internal version numbers of the files being installed are newer.

Registry Entries

HKEY_LOCAL_MACHINE

SOFTWARE

BUSITECH

PRODUCTS

QW50

InstallDir (default is C:\Busitech\QW50)

LicenseNo

ProductDesc

ProductDescLong

RegName1

RegName2

QWREP

LicenseNo

QWSETUP

Operational Qualification -OQ

Objectives and Success Criteria

- All key features of this software will perform as intended.
- All statistics will calculate as intended by Busitech, and be consistent between screens.
- All statistical control alarms on the Prioritize screen will be correct.
- All colors will be consistent throughout the program.
- Calculated Targets & Control Limits will be accurately calculated and drawn.

Key risks

- Customer receives false signals...wrong or missing alarms, wrong colors or wrong calculated control limits.
- Customer makes incorrect conclusions...inaccurate statistics, color zones or calculated control limits.
- Features do not work properly or as intended.

Steps & Checks

1. The software will be brought up using a standardized template, database and views designed for the purpose of validation. This is kept constant between QW 5.0 versions to make it easy to identify problems.
2. Busitech has a program called "BenchMark" specifically designed to automatically validate all statistical calculations using a test database. The output from this program will be attached to the validation report.
3. All key functions and features of the software will be checked on each screen manually. Successful completion of these checks (who and when checked) will be confirmed on the validation report.
4. The consistency of alarms and colors will be checked for at least 10 variables between all screens (control, prioritize, relate, compare, log). A view is used to test different combinations of calculated targets and limits on the same variables. The consistency of alarms, colors and control limit calculations is confirmed on the validation report (who and when checked).

Operational Qualification -IQ

Objectives and Success Criteria

- All features of this software will perform as intended.
- All statistics will calculate as intended, and be consistent between screens.
- All statistical control alarms on the Prioritize screen will be correct.
- All colors will be consistent throughout the program.
- Calculated Targets & Control Limits will be accurately calculated and drawn.

Steps & Checks

- The software will be brought up using a standardized template, database and views designed for the purpose of validation. This is kept constant between QW 5.0 versions to make it easy to identify problems. Busitech has a program specifically designed to automatically validate all statistical calculations using the standardized template and database. See QW 5.0 Statistics Validation Report below.
- All functions and features of the software will be checked on each screen manually. (Completed by Noel Windle July 8, 2009)
- The consistency of alarms and colors will be checked for at least 10 variables between all screens (control, prioritize, relate, compare, log). A view is used to test different combinations of calculated targets and limits on the same variable. The consistency of alarms, colors and control limit calculations is confirmed on the validation report. (Completed by Noel Windle July 8, 2009)

BenchMark Generated QW 5.0 Statistics Validation Report

QW 50744 07/08/2009 12:41:45

| | | | | |
|---------------|-----------|---------|---------|------|
| v3 - FFFFFFFF | N | 99 | 99 | PASS |
| v3 - FFFFFFFF | S-pop | 456.346 | 456.346 | PASS |
| v3 - FFFFFFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v3 - FFFFFFFF | Avg | 509.729 | 509.729 | PASS |
| v3 - FFFFFFFF | Min Value | -860.08 | -860.08 | PASS |
| v3 - FFFFFFFF | OppmOSL | 60606 | 60606 | PASS |
| v3 - FFFFFFFF | CppmOSL | 32900 | 32900 | PASS |
| v3 - FFFFFFFF | Cr | 1.4 | 1.4 | PASS |
| v3 - FFFFFFFF | Tz | 0.1 | 0.1 | PASS |
| v3 - FFFFFFFF | Cpk | 0.7 | 0.7 | PASS |
| v3 - FFFFFFFF | %CV | 89.527 | 89.527 | PASS |
| v3 - FFFFFFFF | Rule | | | PASS |
| v3 - FFFFFFFF | C%>TGT | 55.17 | 55.17 | PASS |
| v3 - FFFFFFFF | C%>UCL | 14.23 | 14.23 | PASS |
| v3 - FFFFFFFF | C%>USL | 1.5 | 1.5 | PASS |
| v3 - FFFFFFFF | C%>UWL | 31.92 | 31.92 | PASS |
| v3 - FFFFFFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v3 - FFFFFFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v3 - FFFFFFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v3 - FFFFFFFF | C%<TGT | 44.83 | 44.83 | PASS |
| v3 - FFFFFFFF | C%OSL | 3.29 | 3.29 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v3 - FFFFFFFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v3 - FFFFFFFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v3 - FFFFFFFF | Cn>USL | 1.485 | 1.485 | PASS |
| v3 - FFFFFFFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v3 - FFFFFFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v3 - FFFFFFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v3 - FFFFFFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v3 - FFFFFFFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v3 - FFFFFFFF | CnOSL | 3.257 | 3.257 | PASS |
| v3 - FFFFFFFF | Cppm>TGT | 551700 | 551700 | PASS |
| v3 - FFFFFFFF | Cppm>UCL | 142300 | 142300 | PASS |
| v3 - FFFFFFFF | Cppm>USL | 15000 | 15000 | PASS |
| v3 - FFFFFFFF | Cppm>UWL | 319200 | 319200 | PASS |
| v3 - FFFFFFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v3 - FFFFFFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v3 - FFFFFFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v3 - FFFFFFFF | Cppm<TGT | 448300 | 448300 | PASS |
| v3 - FFFFFFFF | CLWL | -174.79 | -174.79 | PASS |
| v3 - FFFFFFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v3 - FFFFFFFF | Cp | 0.71 | 0.71 | PASS |
| v3 - FFFFFFFF | Avg-current | 509.729 | 509.729 | PASS |
| v3 - FFFFFFFF | S-current | 306.926 | 306.926 | PASS |
| v3 - FFFFFFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v3 - FFFFFFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v3 - FFFFFFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v3 - FFFFFFFF | M | 473.71 | 473.71 | PASS |
| v3 - FFFFFFFF | O%>TGT | 50.505 | 50.505 | PASS |
| v3 - FFFFFFFF | O%>UCL | 5.051 | 5.051 | PASS |
| v3 - FFFFFFFF | O%>USL | 4.04 | 4.04 | PASS |
| v3 - FFFFFFFF | O%>UWL | 20.202 | 20.202 | PASS |
| v3 - FFFFFFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v3 - FFFFFFFF | O%LSL | 2.02 | 2.02 | PASS |
| v3 - FFFFFFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v3 - FFFFFFFF | O%<TGT | 49.495 | 49.495 | PASS |
| v3 - FFFFFFFF | O%=TGT | 0 | 0 | PASS |
| v3 - FFFFFFFF | O%OSL | 6.061 | 6.061 | PASS |
| v3 - FFFFFFFF | On>TGT | 50 | 50 | PASS |
| v3 - FFFFFFFF | On>UCL | 5 | 5 | PASS |
| v3 - FFFFFFFF | On>USL | 4 | 4 | PASS |
| v3 - FFFFFFFF | On>UWL | 20 | 20 | PASS |
| v3 - FFFFFFFF | On<LCL | 3 | 3 | PASS |
| v3 - FFFFFFFF | On<LSL | 2 | 2 | PASS |
| v3 - FFFFFFFF | On<LWL | 10 | 10 | PASS |
| v3 - FFFFFFFF | On<TGT | 49 | 49 | PASS |
| v3 - FFFFFFFF | On=TGT | 0 | 0 | PASS |
| v3 - FFFFFFFF | OnOSL | 6 | 6 | PASS |
| v3 - FFFFFFFF | Oppm>TGT | 505051 | 505051 | PASS |
| v3 - FFFFFFFF | Oppm>UCL | 50505 | 50505 | PASS |
| v3 - FFFFFFFF | Oppm>USL | 40404 | 40404 | PASS |
| v3 - FFFFFFFF | Oppm>UWL | 202020 | 202020 | PASS |
| v3 - FFFFFFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v3 - FFFFFFFF | Oppm<LSL | 20202 | 20202 | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v3 - FFFFFFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v3 - FFFFFFFF | Oppm<TGT | 494949 | 494949 | PASS |
| v3 - FFFFFFFF | Oppm=TGT | 0 | 0 | PASS |
| v3 - FFFFFFFF | R-AVG | 346.213 | 346.213 | PASS |
| v3 - FFFFFFFF | R-LWL | -46.219 | -46.219 | PASS |
| v3 - FFFFFFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v3 - FFFFFFFF | R-UWL | 738.646 | 738.646 | PASS |
| v3 - FFFFFFFF | Sigma | 4.3 | 4.3 | PASS |
| v3 - FFFFFFFF | S-mr | 261.622 | 261.622 | PASS |
| v3 - FFFFFFFF | Sum | 50463.17 | 50463.17 | PASS |
| v3 - FFFFFFFF | T-Dev | 59.729 | 59.729 | PASS |
| v3 - FFFFFFFF | CppmUCI | 67788 | 67788 | PASS |
| v3 - FFFFFFFF | OppmUCI | 121281 | 121281 | PASS |
| v3 - FFFFFFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v3 - FFFFFFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v4 - CCCCCCCC | N | 99 | 99 | PASS |
| v4 - CCCCCCCC | S-pop | 456.346 | 456.346 | PASS |
| v4 - CCCCCCCC | Max Value | 2304.83 | 2304.83 | PASS |
| v4 - CCCCCCCC | Avg | 509.729 | 509.729 | PASS |
| v4 - CCCCCCCC | Min Value | -860.08 | -860.08 | PASS |
| v4 - CCCCCCCC | OppmOSL | | | PASS |
| v4 - CCCCCCCC | CppmOSL | | | PASS |
| v4 - CCCCCCCC | Cr | | | PASS |
| v4 - CCCCCCCC | Tz | | | PASS |
| v4 - CCCCCCCC | Cpk | | | PASS |
| v4 - CCCCCCCC | %CV | 89.527 | 89.527 | PASS |
| v4 - CCCCCCCC | Rule | | | PASS |
| v4 - CCCCCCCC | C%>TGT | | | PASS |
| v4 - CCCCCCCC | C%>UCL | | | PASS |
| v4 - CCCCCCCC | C%>USL | | | PASS |
| v4 - CCCCCCCC | C%>UWL | | | PASS |
| v4 - CCCCCCCC | C%<LCL | | | PASS |
| v4 - CCCCCCCC | C%<LSL | | | PASS |
| v4 - CCCCCCCC | C%<LWL | | | PASS |
| v4 - CCCCCCCC | C%<TGT | | | PASS |
| v4 - CCCCCCCC | C%OSL | | | PASS |
| v4 - CCCCCCCC | Cn>TGT | | | PASS |
| v4 - CCCCCCCC | Cn<UCL | | | PASS |
| v4 - CCCCCCCC | Cn>USL | | | PASS |
| v4 - CCCCCCCC | Cn>UWL | | | PASS |
| v4 - CCCCCCCC | Cn<LCL | | | PASS |
| v4 - CCCCCCCC | Cn<LSL | | | PASS |
| v4 - CCCCCCCC | Cn<LWL | | | PASS |
| v4 - CCCCCCCC | Cn<TGT | | | PASS |
| v4 - CCCCCCCC | CnOSL | | | PASS |
| v4 - CCCCCCCC | Cppm>TGT | | | PASS |
| v4 - CCCCCCCC | Cppm>UCL | | | PASS |
| v4 - CCCCCCCC | Cppm>USL | | | PASS |
| v4 - CCCCCCCC | Cppm>UWL | | | PASS |
| v4 - CCCCCCCC | Cppm<LCL | | | PASS |
| v4 - CCCCCCCC | Cppm<LSL | | | PASS |
| v4 - CCCCCCCC | Cppm<LWL | | | PASS |

| | | | | |
|-------------|-------------|-----------|----------|------|
| v4 - CCCCCC | Cppm<TGT | | | PASS |
| v4 - CCCCCC | CLWL | -174.79 | -174.79 | PASS |
| v4 - CCCCCC | CUWL | 1194.248 | 1194.248 | PASS |
| v4 - CCCCCC | Cp | | | PASS |
| v4 - CCCCCC | Avg-current | 670.461 | 670.461 | PASS |
| v4 - CCCCCC | S-current | 204.69 | 204.69 | PASS |
| v4 - CCCCCC | Last Value | 2188.27 | 2188.27 | PASS |
| v4 - CCCCCC | Avg -3S | -859.31 | -859.31 | PASS |
| v4 - CCCCCC | Avg -4S | -1315.656 | -1315.66 | PASS |
| v4 - CCCCCC | M | 473.71 | 473.71 | PASS |
| v4 - CCCCCC | O%>TGT | | | PASS |
| v4 - CCCCCC | O%>UCL | | | PASS |
| v4 - CCCCCC | O%>USL | | | PASS |
| v4 - CCCCCC | O%>UWL | | | PASS |
| v4 - CCCCCC | O%<LCL | | | PASS |
| v4 - CCCCCC | O%LSL | | | PASS |
| v4 - CCCCCC | O%<LWL | | | PASS |
| v4 - CCCCCC | O%<TGT | | | PASS |
| v4 - CCCCCC | O%=TGT | | | PASS |
| v4 - CCCCCC | O%OSL | | | PASS |
| v4 - CCCCCC | On>TGT | | | PASS |
| v4 - CCCCCC | On>UCL | | | PASS |
| v4 - CCCCCC | On>USL | | | PASS |
| v4 - CCCCCC | On>UWL | | | PASS |
| v4 - CCCCCC | On<LCL | | | PASS |
| v4 - CCCCCC | On<LSL | | | PASS |
| v4 - CCCCCC | On<LWL | | | PASS |
| v4 - CCCCCC | On<TGT | | | PASS |
| v4 - CCCCCC | On=TGT | | | PASS |
| v4 - CCCCCC | OnOSL | | | PASS |
| v4 - CCCCCC | Oppm>TGT | | | PASS |
| v4 - CCCCCC | Oppm>UCL | | | PASS |
| v4 - CCCCCC | Oppm>USL | | | PASS |
| v4 - CCCCCC | Oppm>UWL | | | PASS |
| v4 - CCCCCC | Oppm<LCL | | | PASS |
| v4 - CCCCCC | Oppm<LSL | | | PASS |
| v4 - CCCCCC | Oppm<LWL | | | PASS |
| v4 - CCCCCC | Oppm<TGT | | | PASS |
| v4 - CCCCCC | Oppm=TGT | | | PASS |
| v4 - CCCCCC | R-AVG | 346.213 | 346.213 | PASS |
| v4 - CCCCCC | R-LWL | -46.219 | -46.219 | PASS |
| v4 - CCCCCC | R-UCL | 1131.078 | 1131.078 | PASS |
| v4 - CCCCCC | R-UWL | 738.646 | 738.646 | PASS |
| v4 - CCCCCC | Sigma | | | PASS |
| v4 - CCCCCC | S-mr | 261.622 | 261.622 | PASS |
| v4 - CCCCCC | Sum | 50463.17 | 50463.17 | PASS |
| v4 - CCCCCC | T-Dev | | | PASS |
| v4 - CCCCCC | CppmUCI | | | PASS |
| v4 - CCCCCC | OppmUCI | | | PASS |
| v4 - CCCCCC | Avg +3S | 1878.768 | 1878.768 | PASS |
| v4 - CCCCCC | Avg +4S | 2335.114 | 2335.114 | PASS |
| v5 - BBBB | N | 99 | 99 | PASS |

| | | | | |
|--------------|-------------|---------|---------|------|
| v5 - BBBBbbb | S-pop | | | PASS |
| v5 - BBBBbbb | Max Value | | | PASS |
| v5 - BBBBbbb | Avg | | | PASS |
| v5 - BBBBbbb | Min Value | | | PASS |
| v5 - BBBBbbb | OppmOSL | | | PASS |
| v5 - BBBBbbb | CppmOSL | | | PASS |
| v5 - BBBBbbb | Cr | | | PASS |
| v5 - BBBBbbb | Tz | | | PASS |
| v5 - BBBBbbb | Cpk | | | PASS |
| v5 - BBBBbbb | %CV | | | PASS |
| v5 - BBBBbbb | Rule | | | PASS |
| v5 - BBBBbbb | C%>TGT | | | PASS |
| v5 - BBBBbbb | C%>UCL | | | PASS |
| v5 - BBBBbbb | C%>USL | | | PASS |
| v5 - BBBBbbb | C%>UWL | | | PASS |
| v5 - BBBBbbb | C%<LCL | | | PASS |
| v5 - BBBBbbb | C%<LSL | | | PASS |
| v5 - BBBBbbb | C%<LWL | | | PASS |
| v5 - BBBBbbb | C%<TGT | | | PASS |
| v5 - BBBBbbb | C%OSL | | | PASS |
| v5 - BBBBbbb | Cn>TGT | | | PASS |
| v5 - BBBBbbb | Cn<UCL | | | PASS |
| v5 - BBBBbbb | Cn>USL | | | PASS |
| v5 - BBBBbbb | Cn>UWL | | | PASS |
| v5 - BBBBbbb | Cn<LCL | | | PASS |
| v5 - BBBBbbb | Cn<LSL | | | PASS |
| v5 - BBBBbbb | Cn<LWL | | | PASS |
| v5 - BBBBbbb | Cn<TGT | | | PASS |
| v5 - BBBBbbb | CnOSL | | | PASS |
| v5 - BBBBbbb | Cppm>TGT | | | PASS |
| v5 - BBBBbbb | Cppm>UCL | | | PASS |
| v5 - BBBBbbb | Cppm>USL | | | PASS |
| v5 - BBBBbbb | Cppm>UWL | | | PASS |
| v5 - BBBBbbb | Cppm<LCL | | | PASS |
| v5 - BBBBbbb | Cppm<LSL | | | PASS |
| v5 - BBBBbbb | Cppm<LWL | | | PASS |
| v5 - BBBBbbb | Cppm<TGT | | | PASS |
| v5 - BBBBbbb | CLWL | | | PASS |
| v5 - BBBBbbb | CUWL | | | PASS |
| v5 - BBBBbbb | Cp | | | PASS |
| v5 - BBBBbbb | Avg-current | | | PASS |
| v5 - BBBBbbb | S-current | | | PASS |
| v5 - BBBBbbb | Last Value | 2188.27 | 2188.27 | PASS |
| v5 - BBBBbbb | Avg -3S | | | PASS |
| v5 - BBBBbbb | Avg -4S | | | PASS |
| v5 - BBBBbbb | M | | | PASS |
| v5 - BBBBbbb | O%>TGT | | | PASS |
| v5 - BBBBbbb | O%>UCL | | | PASS |
| v5 - BBBBbbb | O%>USL | | | PASS |
| v5 - BBBBbbb | O%>UWL | | | PASS |
| v5 - BBBBbbb | O%<LCL | | | PASS |
| v5 - BBBBbbb | O%LSL | | | PASS |

| | | | | |
|--------------|-----------|---------|---------|------|
| v5 - BBBBbbb | O%<LWL | | | PASS |
| v5 - BBBBbbb | O%<TGT | | | PASS |
| v5 - BBBBbbb | O%=TGT | | | PASS |
| v5 - BBBBbbb | O%OSL | | | PASS |
| v5 - BBBBbbb | On>TGT | | | PASS |
| v5 - BBBBbbb | On>UCL | | | PASS |
| v5 - BBBBbbb | On>USL | | | PASS |
| v5 - BBBBbbb | On>UWL | | | PASS |
| v5 - BBBBbbb | On<LCL | | | PASS |
| v5 - BBBBbbb | On<LSL | | | PASS |
| v5 - BBBBbbb | On<LWL | | | PASS |
| v5 - BBBBbbb | On<TGT | | | PASS |
| v5 - BBBBbbb | On=TGT | | | PASS |
| v5 - BBBBbbb | OnOSL | | | PASS |
| v5 - BBBBbbb | Oppm>TGT | | | PASS |
| v5 - BBBBbbb | Oppm>UCL | | | PASS |
| v5 - BBBBbbb | Oppm>USL | | | PASS |
| v5 - BBBBbbb | Oppm>UWL | | | PASS |
| v5 - BBBBbbb | Oppm<LCL | | | PASS |
| v5 - BBBBbbb | Oppm<LSL | | | PASS |
| v5 - BBBBbbb | Oppm<LWL | | | PASS |
| v5 - BBBBbbb | Oppm<TGT | | | PASS |
| v5 - BBBBbbb | Oppm=TGT | | | PASS |
| v5 - BBBBbbb | R-AVG | | | PASS |
| v5 - BBBBbbb | R-LWL | | | PASS |
| v5 - BBBBbbb | R-UCL | | | PASS |
| v5 - BBBBbbb | R-UWL | | | PASS |
| v5 - BBBBbbb | Sigma | | | PASS |
| v5 - BBBBbbb | S-mr | | | PASS |
| v5 - BBBBbbb | Sum | | | PASS |
| v5 - BBBBbbb | T-Dev | | | PASS |
| v5 - BBBBbbb | CppmUCI | | | PASS |
| v5 - BBBBbbb | OppmUCI | | | PASS |
| v5 - BBBBbbb | Avg +3S | | | PASS |
| v5 - BBBBbbb | Avg +4S | | | PASS |
| v6 - FFCFCFF | N | 99 | 99 | PASS |
| v6 - FFCFCFF | S-pop | 456.346 | 456.346 | PASS |
| v6 - FFCFCFF | Max Value | 2304.83 | 2304.83 | PASS |
| v6 - FFCFCFF | Avg | 509.729 | 509.729 | PASS |
| v6 - FFCFCFF | Min Value | -860.08 | -860.08 | PASS |
| v6 - FFCFCFF | OppmOSL | 70707 | 70707 | PASS |
| v6 - FFCFCFF | CppmOSL | 146400 | 146400 | PASS |
| v6 - FFCFCFF | Cr | 1.83 | 1.83 | PASS |
| v6 - FFCFCFF | Tz | 0.1 | 0.1 | PASS |
| v6 - FFCFCFF | Cpk | 0.37 | 0.37 | PASS |
| v6 - FFCFCFF | %CV | 89.527 | 89.527 | PASS |
| v6 - FFCFCFF | Rule | | | PASS |
| v6 - FFCFCFF | C%>TGT | 55.17 | 55.17 | PASS |
| v6 - FFCFCFF | C%>UCL | 14.23 | 14.23 | PASS |
| v6 - FFCFCFF | C%>USL | 1.5 | 1.5 | PASS |
| v6 - FFCFCFF | C%>UWL | | | PASS |
| v6 - FFCFCFF | C%<LCL | 21.77 | 21.77 | PASS |

| | | | | |
|--------------|-------------|-----------|----------|------|
| v6 - FFCFCFF | C%<LSL | 13.14 | 13.14 | PASS |
| v6 - FFCFCFF | C%<LWL | | | PASS |
| v6 - FFCFCFF | C%<TGT | 44.83 | 44.83 | PASS |
| v6 - FFCFCFF | C%OSL | 14.64 | 14.64 | PASS |
| v6 - FFCFCFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v6 - FFCFCFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v6 - FFCFCFF | Cn>USL | 1.485 | 1.485 | PASS |
| v6 - FFCFCFF | Cn>UWL | | | PASS |
| v6 - FFCFCFF | Cn<LCL | 21.552 | 21.552 | PASS |
| v6 - FFCFCFF | Cn<LSL | 13.009 | 13.009 | PASS |
| v6 - FFCFCFF | Cn<LWL | | | PASS |
| v6 - FFCFCFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v6 - FFCFCFF | CnOSL | 14.494 | 14.494 | PASS |
| v6 - FFCFCFF | Cppm>TGT | 551700 | 551700 | PASS |
| v6 - FFCFCFF | Cppm>UCL | 142300 | 142300 | PASS |
| v6 - FFCFCFF | Cppm>USL | 15000 | 15000 | PASS |
| v6 - FFCFCFF | Cppm>UWL | | | PASS |
| v6 - FFCFCFF | Cppm<LCL | 217700 | 217700 | PASS |
| v6 - FFCFCFF | Cppm<LSL | 131400 | 131400 | PASS |
| v6 - FFCFCFF | Cppm<LWL | | | PASS |
| v6 - FFCFCFF | Cppm<TGT | 448300 | 448300 | PASS |
| v6 - FFCFCFF | CLWL | -174.79 | -174.79 | PASS |
| v6 - FFCFCFF | CUWL | 1194.248 | 1194.248 | PASS |
| v6 - FFCFCFF | Cp | 0.55 | 0.55 | PASS |
| v6 - FFCFCFF | Avg-current | 462.569 | 462.569 | PASS |
| v6 - FFCFCFF | S-current | 575.277 | 575.277 | PASS |
| v6 - FFCFCFF | Last Value | 2188.27 | 2188.27 | PASS |
| v6 - FFCFCFF | Avg -3S | -859.31 | -859.31 | PASS |
| v6 - FFCFCFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v6 - FFCFCFF | M | 473.71 | 473.71 | PASS |
| v6 - FFCFCFF | O%>TGT | 50.505 | 50.505 | PASS |
| v6 - FFCFCFF | O%>UCL | 5.051 | 5.051 | PASS |
| v6 - FFCFCFF | O%>USL | 4.04 | 4.04 | PASS |
| v6 - FFCFCFF | O%>UWL | | | PASS |
| v6 - FFCFCFF | O%<LCL | 10.101 | 10.101 | PASS |
| v6 - FFCFCFF | O%LSL | 3.03 | 3.03 | PASS |
| v6 - FFCFCFF | O%<LWL | | | PASS |
| v6 - FFCFCFF | O%<TGT | 49.495 | 49.495 | PASS |
| v6 - FFCFCFF | O%=TGT | 0 | 0 | PASS |
| v6 - FFCFCFF | O%OSL | 7.071 | 7.071 | PASS |
| v6 - FFCFCFF | On>TGT | 50 | 50 | PASS |
| v6 - FFCFCFF | On>UCL | 5 | 5 | PASS |
| v6 - FFCFCFF | On>USL | 4 | 4 | PASS |
| v6 - FFCFCFF | On>UWL | | | PASS |
| v6 - FFCFCFF | On<LCL | 10 | 10 | PASS |
| v6 - FFCFCFF | On<LSL | 3 | 3 | PASS |
| v6 - FFCFCFF | On<LWL | | | PASS |
| v6 - FFCFCFF | On<TGT | 49 | 49 | PASS |
| v6 - FFCFCFF | On=TGT | 0 | 0 | PASS |
| v6 - FFCFCFF | OnOSL | 7 | 7 | PASS |
| v6 - FFCFCFF | Oppm>TGT | 505051 | 505051 | PASS |
| v6 - FFCFCFF | Oppm>UCL | 50505 | 50505 | PASS |

| | | | | |
|--------------|-----------|----------|----------|------|
| v6 - FFCFCFF | Oppm>USL | 40404 | 40404 | PASS |
| v6 - FFCFCFF | Oppm>UWL | | | PASS |
| v6 - FFCFCFF | Oppm<LCL | 101010 | 101010 | PASS |
| v6 - FFCFCFF | Oppm<LSL | 30303 | 30303 | PASS |
| v6 - FFCFCFF | Oppm<LWL | | | PASS |
| v6 - FFCFCFF | Oppm<TGT | 494949 | 494949 | PASS |
| v6 - FFCFCFF | Oppm=TGT | 0 | 0 | PASS |
| v6 - FFCFCFF | R-AVG | 346.213 | 346.213 | PASS |
| v6 - FFCFCFF | R-LWL | -46.219 | -46.219 | PASS |
| v6 - FFCFCFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v6 - FFCFCFF | R-UWL | 738.646 | 738.646 | PASS |
| v6 - FFCFCFF | Sigma | 3.3 | 3.3 | PASS |
| v6 - FFCFCFF | S-mr | 261.622 | 261.622 | PASS |
| v6 - FFCFCFF | Sum | 50463.17 | 50463.17 | PASS |
| v6 - FFCFCFF | T-Dev | 59.729 | 59.729 | PASS |
| v6 - FFCFCFF | CppmUCI | 216632 | 216632 | PASS |
| v6 - FFCFCFF | OppmUCI | 132108 | 132108 | PASS |
| v6 - FFCFCFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v6 - FFCFCFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v7 - FFFFBBB | N | 99 | 99 | PASS |
| v7 - FFFFBBB | S-pop | 456.346 | 456.346 | PASS |
| v7 - FFFFBBB | Max Value | 2304.83 | 2304.83 | PASS |
| v7 - FFFFBBB | Avg | 509.729 | 509.729 | PASS |
| v7 - FFFFBBB | Min Value | -860.08 | -860.08 | PASS |
| v7 - FFFFBBB | OppmOSL | 40404 | 40404 | PASS |
| v7 - FFFFBBB | CppmOSL | 15000 | 15000 | PASS |
| v7 - FFFFBBB | Cr | 1.3 | 1.3 | PASS |
| v7 - FFFFBBB | Tz | 0.1 | 0.1 | PASS |
| v7 - FFFFBBB | Cpk | 0.72 | 0.72 | PASS |
| v7 - FFFFBBB | %CV | 89.527 | 89.527 | PASS |
| v7 - FFFFBBB | Rule | | | PASS |
| v7 - FFFFBBB | C%>TGT | 55.17 | 55.17 | PASS |
| v7 - FFFFBBB | C%>UCL | 14.23 | 14.23 | PASS |
| v7 - FFFFBBB | C%>USL | 1.5 | 1.5 | PASS |
| v7 - FFFFBBB | C%>UWL | 31.92 | 31.92 | PASS |
| v7 - FFFFBBB | C%<LCL | | | PASS |
| v7 - FFFFBBB | C%<LSL | | | PASS |
| v7 - FFFFBBB | C%<LWL | | | PASS |
| v7 - FFFFBBB | C%<TGT | 44.83 | 44.83 | PASS |
| v7 - FFFFBBB | C%OSL | 1.5 | 1.5 | PASS |
| v7 - FFFFBBB | Cn>TGT | 54.618 | 54.618 | PASS |
| v7 - FFFFBBB | Cn<UCL | 14.088 | 14.088 | PASS |
| v7 - FFFFBBB | Cn>USL | 1.485 | 1.485 | PASS |
| v7 - FFFFBBB | Cn>UWL | 31.601 | 31.601 | PASS |
| v7 - FFFFBBB | Cn<LCL | | | PASS |
| v7 - FFFFBBB | Cn<LSL | | | PASS |
| v7 - FFFFBBB | Cn<LWL | | | PASS |
| v7 - FFFFBBB | Cn<TGT | 44.382 | 44.382 | PASS |
| v7 - FFFFBBB | CnOSL | 1.485 | 1.485 | PASS |
| v7 - FFFFBBB | Cppm>TGT | 551700 | 551700 | PASS |
| v7 - FFFFBBB | Cppm>UCL | 142300 | 142300 | PASS |
| v7 - FFFFBBB | Cppm>USL | 15000 | 15000 | PASS |

| | | | | |
|--------------|-------------|-----------|----------|------|
| v7 - FFFFBBB | Cppm>UWL | 319200 | 319200 | PASS |
| v7 - FFFFBBB | Cppm<LCL | | | PASS |
| v7 - FFFFBBB | Cppm<LSL | | | PASS |
| v7 - FFFFBBB | Cppm<LWL | | | PASS |
| v7 - FFFFBBB | Cppm<TGT | 448300 | 448300 | PASS |
| v7 - FFFFBBB | CLWL | -174.79 | -174.79 | PASS |
| v7 - FFFFBBB | CUWL | 1194.248 | 1194.248 | PASS |
| v7 - FFFFBBB | Cp | 0.77 | 0.77 | PASS |
| v7 - FFFFBBB | Avg-current | 356.537 | 356.537 | PASS |
| v7 - FFFFBBB | S-current | 393.554 | 393.554 | PASS |
| v7 - FFFFBBB | Last Value | 2188.27 | 2188.27 | PASS |
| v7 - FFFFBBB | Avg -3S | -859.31 | -859.31 | PASS |
| v7 - FFFFBBB | Avg -4S | -1315.656 | -1315.66 | PASS |
| v7 - FFFFBBB | M | 473.71 | 473.71 | PASS |
| v7 - FFFFBBB | O%>TGT | 50.505 | 50.505 | PASS |
| v7 - FFFFBBB | O%>UCL | 5.051 | 5.051 | PASS |
| v7 - FFFFBBB | O%>USL | 4.04 | 4.04 | PASS |
| v7 - FFFFBBB | O%>UWL | 20.202 | 20.202 | PASS |
| v7 - FFFFBBB | O%<LCL | | | PASS |
| v7 - FFFFBBB | O%<LSL | | | PASS |
| v7 - FFFFBBB | O%<LWL | | | PASS |
| v7 - FFFFBBB | O%<TGT | 49.495 | 49.495 | PASS |
| v7 - FFFFBBB | O%=TGT | 0 | 0 | PASS |
| v7 - FFFFBBB | O%OSL | 4.04 | 4.04 | PASS |
| v7 - FFFFBBB | On>TGT | 50 | 50 | PASS |
| v7 - FFFFBBB | On>UCL | 5 | 5 | PASS |
| v7 - FFFFBBB | On>USL | 4 | 4 | PASS |
| v7 - FFFFBBB | On>UWL | 20 | 20 | PASS |
| v7 - FFFFBBB | On<LCL | | | PASS |
| v7 - FFFFBBB | On<LSL | | | PASS |
| v7 - FFFFBBB | On<LWL | | | PASS |
| v7 - FFFFBBB | On<TGT | 49 | 49 | PASS |
| v7 - FFFFBBB | On=TGT | 0 | 0 | PASS |
| v7 - FFFFBBB | OnOSL | 4 | 4 | PASS |
| v7 - FFFFBBB | Oppm>TGT | 505051 | 505051 | PASS |
| v7 - FFFFBBB | Oppm>UCL | 50505 | 50505 | PASS |
| v7 - FFFFBBB | Oppm>USL | 40404 | 40404 | PASS |
| v7 - FFFFBBB | Oppm>UWL | 202020 | 202020 | PASS |
| v7 - FFFFBBB | Oppm<LCL | | | PASS |
| v7 - FFFFBBB | Oppm<LSL | | | PASS |
| v7 - FFFFBBB | Oppm<LWL | | | PASS |
| v7 - FFFFBBB | Oppm<TGT | 494949 | 494949 | PASS |
| v7 - FFFFBBB | Oppm=TGT | 0 | 0 | PASS |
| v7 - FFFFBBB | R-AVG | 346.213 | 346.213 | PASS |
| v7 - FFFFBBB | R-LWL | -46.219 | -46.219 | PASS |
| v7 - FFFFBBB | R-UCL | 1131.078 | 1131.078 | PASS |
| v7 - FFFFBBB | R-UWL | 738.646 | 738.646 | PASS |
| v7 - FFFFBBB | Sigma | 4.6 | 4.6 | PASS |
| v7 - FFFFBBB | S-mr | 261.622 | 261.622 | PASS |
| v7 - FFFFBBB | Sum | 50463.17 | 50463.17 | PASS |
| v7 - FFFFBBB | T-Dev | 59.729 | 59.729 | PASS |
| v7 - FFFFBBB | CppmUCI | 31861 | 31861 | PASS |

| | | | | |
|--------------|-------------|-----------|----------|------|
| v7 - FFFFBBB | OppmUCI | 91364 | 91364 | PASS |
| v7 - FFFFBBB | Avg +3S | 1878.768 | 1878.768 | PASS |
| v7 - FFFFBBB | Avg +4S | 2335.114 | 2335.114 | PASS |
| v8 - BBBFFFF | N | 99 | 99 | PASS |
| v8 - BBBFFFF | S-pop | 456.346 | 456.346 | PASS |
| v8 - BBBFFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v8 - BBBFFFF | Avg | 509.729 | 509.729 | PASS |
| v8 - BBBFFFF | Min Value | -860.08 | -860.08 | PASS |
| v8 - BBBFFFF | OppmOSL | 20202 | 20202 | PASS |
| v8 - BBBFFFF | CppmOSL | 17900 | 17900 | PASS |
| v8 - BBBFFFF | Cr | 1.52 | 1.52 | PASS |
| v8 - BBBFFFF | Tz | 0.1 | 0.1 | PASS |
| v8 - BBBFFFF | Cpk | 0.7 | 0.7 | PASS |
| v8 - BBBFFFF | %CV | 89.527 | 89.527 | PASS |
| v8 - BBBFFFF | Rule | | | PASS |
| v8 - BBBFFFF | C%>TGT | 55.17 | 55.17 | PASS |
| v8 - BBBFFFF | C%>UCL | | | PASS |
| v8 - BBBFFFF | C%>USL | | | PASS |
| v8 - BBBFFFF | C%>UWL | | | PASS |
| v8 - BBBFFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v8 - BBBFFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v8 - BBBFFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v8 - BBBFFFF | C%<TGT | 44.83 | 44.83 | PASS |
| v8 - BBBFFFF | C%OSL | 1.79 | 1.79 | PASS |
| v8 - BBBFFFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v8 - BBBFFFF | Cn<UCL | | | PASS |
| v8 - BBBFFFF | Cn>USL | | | PASS |
| v8 - BBBFFFF | Cn>UWL | | | PASS |
| v8 - BBBFFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v8 - BBBFFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v8 - BBBFFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v8 - BBBFFFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v8 - BBBFFFF | CnOSL | 1.772 | 1.772 | PASS |
| v8 - BBBFFFF | Cppm>TGT | 551700 | 551700 | PASS |
| v8 - BBBFFFF | Cppm>UCL | | | PASS |
| v8 - BBBFFFF | Cppm>USL | | | PASS |
| v8 - BBBFFFF | Cppm>UWL | | | PASS |
| v8 - BBBFFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v8 - BBBFFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v8 - BBBFFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v8 - BBBFFFF | Cppm<TGT | 448300 | 448300 | PASS |
| v8 - BBBFFFF | CLWL | -174.79 | -174.79 | PASS |
| v8 - BBBFFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v8 - BBBFFFF | Cp | 0.66 | 0.66 | PASS |
| v8 - BBBFFFF | Avg-current | 686.472 | 686.472 | PASS |
| v8 - BBBFFFF | S-current | 208.54 | 208.54 | PASS |
| v8 - BBBFFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v8 - BBBFFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v8 - BBBFFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v8 - BBBFFFF | M | 473.71 | 473.71 | PASS |
| v8 - BBBFFFF | O%>TGT | 50.505 | 50.505 | PASS |
| v8 - BBBFFFF | O%>UCL | | | PASS |

| | | | | |
|--------------|-----------|----------|----------|------|
| v8 - BBBFFFF | O%>USL | | | PASS |
| v8 - BBBFFFF | O%>UWL | | | PASS |
| v8 - BBBFFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v8 - BBBFFFF | O%LSL | 2.02 | 2.02 | PASS |
| v8 - BBBFFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v8 - BBBFFFF | O%<TGT | 49.495 | 49.495 | PASS |
| v8 - BBBFFFF | O%=TGT | 0 | 0 | PASS |
| v8 - BBBFFFF | O%OSL | 2.02 | 2.02 | PASS |
| v8 - BBBFFFF | On>TGT | 50 | 50 | PASS |
| v8 - BBBFFFF | On>UCL | | | PASS |
| v8 - BBBFFFF | On>USL | | | PASS |
| v8 - BBBFFFF | On>UWL | | | PASS |
| v8 - BBBFFFF | On<LCL | 3 | 3 | PASS |
| v8 - BBBFFFF | On<LSL | 2 | 2 | PASS |
| v8 - BBBFFFF | On<LWL | 10 | 10 | PASS |
| v8 - BBBFFFF | On<TGT | 49 | 49 | PASS |
| v8 - BBBFFFF | On=TGT | 0 | 0 | PASS |
| v8 - BBBFFFF | OnOSL | 2 | 2 | PASS |
| v8 - BBBFFFF | Oppm>TGT | 505051 | 505051 | PASS |
| v8 - BBBFFFF | Oppm>UCL | | | PASS |
| v8 - BBBFFFF | Oppm>USL | | | PASS |
| v8 - BBBFFFF | Oppm>UWL | | | PASS |
| v8 - BBBFFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v8 - BBBFFFF | Oppm<LSL | 20202 | 20202 | PASS |
| v8 - BBBFFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v8 - BBBFFFF | Oppm<TGT | 494949 | 494949 | PASS |
| v8 - BBBFFFF | Oppm=TGT | 0 | 0 | PASS |
| v8 - BBBFFFF | R-AVG | 346.213 | 346.213 | PASS |
| v8 - BBBFFFF | R-LWL | -46.219 | -46.219 | PASS |
| v8 - BBBFFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v8 - BBBFFFF | R-UWL | 738.646 | 738.646 | PASS |
| v8 - BBBFFFF | Sigma | 3.9 | 3.9 | PASS |
| v8 - BBBFFFF | S-mr | 261.622 | 261.622 | PASS |
| v8 - BBBFFFF | Sum | 50463.17 | 50463.17 | PASS |
| v8 - BBBFFFF | T-Dev | 59.729 | 59.729 | PASS |
| v8 - BBBFFFF | CppmUCI | 35927 | 35927 | PASS |
| v8 - BBBFFFF | OppmUCI | 63028 | 63028 | PASS |
| v8 - BBBFFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v8 - BBBFFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v9 - CCCCBBB | N | 99 | 99 | PASS |
| v9 - CCCCBBB | S-pop | 456.346 | 456.346 | PASS |
| v9 - CCCCBBB | Max Value | 2304.83 | 2304.83 | PASS |
| v9 - CCCCBBB | Avg | 509.729 | 509.729 | PASS |
| v9 - CCCCBBB | Min Value | -860.08 | -860.08 | PASS |
| v9 - CCCCBBB | OppmOSL | | | PASS |
| v9 - CCCCBBB | CppmOSL | | | PASS |
| v9 - CCCCBBB | Cr | | | PASS |
| v9 - CCCCBBB | Tz | | | PASS |
| v9 - CCCCBBB | Cpk | | | PASS |
| v9 - CCCCBBB | %CV | 89.527 | 89.527 | PASS |
| v9 - CCCCBBB | Rule | | | PASS |
| v9 - CCCCBBB | C%>TGT | | | PASS |

| | | | | |
|--------------|-------------|-----------|----------|------|
| v9 - CCCCBBB | C%>UCL | | | PASS |
| v9 - CCCCBBB | C%>USL | | | PASS |
| v9 - CCCCBBB | C%>UWL | | | PASS |
| v9 - CCCCBBB | C%<LCL | | | PASS |
| v9 - CCCCBBB | C%<LSL | | | PASS |
| v9 - CCCCBBB | C%<LWL | | | PASS |
| v9 - CCCCBBB | C%<TGT | | | PASS |
| v9 - CCCCBBB | C%OSL | | | PASS |
| v9 - CCCCBBB | Cn>TGT | | | PASS |
| v9 - CCCCBBB | Cn<UCL | | | PASS |
| v9 - CCCCBBB | Cn>USL | | | PASS |
| v9 - CCCCBBB | Cn>UWL | | | PASS |
| v9 - CCCCBBB | Cn<LCL | | | PASS |
| v9 - CCCCBBB | Cn<LSL | | | PASS |
| v9 - CCCCBBB | Cn<LWL | | | PASS |
| v9 - CCCCBBB | Cn<TGT | | | PASS |
| v9 - CCCCBBB | CnOSL | | | PASS |
| v9 - CCCCBBB | Cppm>TGT | | | PASS |
| v9 - CCCCBBB | Cppm>UCL | | | PASS |
| v9 - CCCCBBB | Cppm>USL | | | PASS |
| v9 - CCCCBBB | Cppm>UWL | | | PASS |
| v9 - CCCCBBB | Cppm<LCL | | | PASS |
| v9 - CCCCBBB | Cppm<LSL | | | PASS |
| v9 - CCCCBBB | Cppm<LWL | | | PASS |
| v9 - CCCCBBB | Cppm<TGT | | | PASS |
| v9 - CCCCBBB | CLWL | -174.79 | -174.79 | PASS |
| v9 - CCCCBBB | CUWL | 1194.248 | 1194.248 | PASS |
| v9 - CCCCBBB | Cp | | | PASS |
| v9 - CCCCBBB | Avg-current | 509.729 | 509.729 | PASS |
| v9 - CCCCBBB | S-current | 456.346 | 456.346 | PASS |
| v9 - CCCCBBB | Last Value | 2188.27 | 2188.27 | PASS |
| v9 - CCCCBBB | Avg -3S | -859.31 | -859.31 | PASS |
| v9 - CCCCBBB | Avg -4S | -1315.656 | -1315.66 | PASS |
| v9 - CCCCBBB | M | 473.71 | 473.71 | PASS |
| v9 - CCCCBBB | O%>TGT | | | PASS |
| v9 - CCCCBBB | O%>UCL | | | PASS |
| v9 - CCCCBBB | O%>USL | | | PASS |
| v9 - CCCCBBB | O%>UWL | | | PASS |
| v9 - CCCCBBB | O%<LCL | | | PASS |
| v9 - CCCCBBB | O%LSL | | | PASS |
| v9 - CCCCBBB | O%<LWL | | | PASS |
| v9 - CCCCBBB | O%<TGT | | | PASS |
| v9 - CCCCBBB | O%=TGT | | | PASS |
| v9 - CCCCBBB | O%OSL | | | PASS |
| v9 - CCCCBBB | On>TGT | | | PASS |
| v9 - CCCCBBB | On>UCL | | | PASS |
| v9 - CCCCBBB | On>USL | | | PASS |
| v9 - CCCCBBB | On>UWL | | | PASS |
| v9 - CCCCBBB | On<LCL | | | PASS |
| v9 - CCCCBBB | On<LSL | | | PASS |
| v9 - CCCCBBB | On<LWL | | | PASS |
| v9 - CCCCBBB | On<TGT | | | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v9 - CCCCBBB | On=TGT | | | PASS |
| v9 - CCCCBBB | OnOSL | | | PASS |
| v9 - CCCCBBB | Oppm>TGT | | | PASS |
| v9 - CCCCBBB | Oppm>UCL | | | PASS |
| v9 - CCCCBBB | Oppm>USL | | | PASS |
| v9 - CCCCBBB | Oppm>UWL | | | PASS |
| v9 - CCCCBBB | Oppm<LCL | | | PASS |
| v9 - CCCCBBB | Oppm<LSL | | | PASS |
| v9 - CCCCBBB | Oppm<LWL | | | PASS |
| v9 - CCCCBBB | Oppm<TGT | | | PASS |
| v9 - CCCCBBB | Oppm=TGT | | | PASS |
| v9 - CCCCBBB | R-AVG | 346.213 | 346.213 | PASS |
| v9 - CCCCBBB | R-LWL | -46.219 | -46.219 | PASS |
| v9 - CCCCBBB | R-UCL | 1131.078 | 1131.078 | PASS |
| v9 - CCCCBBB | R-UWL | 738.646 | 738.646 | PASS |
| v9 - CCCCBBB | Sigma | | | PASS |
| v9 - CCCCBBB | S-mr | 261.622 | 261.622 | PASS |
| v9 - CCCCBBB | Sum | 50463.17 | 50463.17 | PASS |
| v9 - CCCCBBB | T-Dev | | | PASS |
| v9 - CCCCBBB | CppmUCI | | | PASS |
| v9 - CCCCBBB | OppmUCI | | | PASS |
| v9 - CCCCBBB | Avg +3S | 1878.768 | 1878.768 | PASS |
| v9 - CCCCBBB | Avg +4S | 2335.114 | 2335.114 | PASS |
| v10 - BBBCCCC | N | 99 | 99 | PASS |
| v10 - BBBCCCC | S-pop | 456.346 | 456.346 | PASS |
| v10 - BBBCCCC | Max Value | 2304.83 | 2304.83 | PASS |
| v10 - BBBCCCC | Avg | 509.729 | 509.729 | PASS |
| v10 - BBBCCCC | Min Value | -860.08 | -860.08 | PASS |
| v10 - BBBCCCC | OppmOSL | | | PASS |
| v10 - BBBCCCC | CppmOSL | | | PASS |
| v10 - BBBCCCC | Cr | | | PASS |
| v10 - BBBCCCC | Tz | | | PASS |
| v10 - BBBCCCC | Cpk | | | PASS |
| v10 - BBBCCCC | %CV | 89.527 | 89.527 | PASS |
| v10 - BBBCCCC | Rule | | | PASS |
| v10 - BBBCCCC | C%>TGT | | | PASS |
| v10 - BBBCCCC | C%>UCL | | | PASS |
| v10 - BBBCCCC | C%>USL | | | PASS |
| v10 - BBBCCCC | C%>UWL | | | PASS |
| v10 - BBBCCCC | C%<LCL | | | PASS |
| v10 - BBBCCCC | C%<LSL | | | PASS |
| v10 - BBBCCCC | C%<LWL | | | PASS |
| v10 - BBBCCCC | C%<TGT | | | PASS |
| v10 - BBBCCCC | C%OSL | | | PASS |
| v10 - BBBCCCC | Cn>TGT | | | PASS |
| v10 - BBBCCCC | Cn<UCL | | | PASS |
| v10 - BBBCCCC | Cn>USL | | | PASS |
| v10 - BBBCCCC | Cn>UWL | | | PASS |
| v10 - BBBCCCC | Cn<LCL | | | PASS |
| v10 - BBBCCCC | Cn<LSL | | | PASS |
| v10 - BBBCCCC | Cn<LWL | | | PASS |
| v10 - BBBCCCC | Cn<TGT | | | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v10 - BBBCCCC | CnOSL | | | PASS |
| v10 - BBBCCCC | Cppm>TGT | | | PASS |
| v10 - BBBCCCC | Cppm>UCL | | | PASS |
| v10 - BBBCCCC | Cppm>USL | | | PASS |
| v10 - BBBCCCC | Cppm>UWL | | | PASS |
| v10 - BBBCCCC | Cppm<LCL | | | PASS |
| v10 - BBBCCCC | Cppm<LSL | | | PASS |
| v10 - BBBCCCC | Cppm<LWL | | | PASS |
| v10 - BBBCCCC | Cppm<TGT | | | PASS |
| v10 - BBBCCCC | CLWL | -174.79 | -174.79 | PASS |
| v10 - BBBCCCC | CUWL | 1194.248 | 1194.248 | PASS |
| v10 - BBBCCCC | Cp | | | PASS |
| v10 - BBBCCCC | Avg-current | 509.729 | 509.729 | PASS |
| v10 - BBBCCCC | S-current | 456.346 | 456.346 | PASS |
| v10 - BBBCCCC | Last Value | 2188.27 | 2188.27 | PASS |
| v10 - BBBCCCC | Avg -3S | -859.31 | -859.31 | PASS |
| v10 - BBBCCCC | Avg -4S | -1315.656 | -1315.66 | PASS |
| v10 - BBBCCCC | M | 473.71 | 473.71 | PASS |
| v10 - BBBCCCC | O%>TGT | | | PASS |
| v10 - BBBCCCC | O%>UCL | | | PASS |
| v10 - BBBCCCC | O%>USL | | | PASS |
| v10 - BBBCCCC | O%>UWL | | | PASS |
| v10 - BBBCCCC | O%<LCL | | | PASS |
| v10 - BBBCCCC | O%LSL | | | PASS |
| v10 - BBBCCCC | O%<LWL | | | PASS |
| v10 - BBBCCCC | O%<TGT | | | PASS |
| v10 - BBBCCCC | O%=TGT | | | PASS |
| v10 - BBBCCCC | O%OSL | | | PASS |
| v10 - BBBCCCC | On>TGT | | | PASS |
| v10 - BBBCCCC | On>UCL | | | PASS |
| v10 - BBBCCCC | On>USL | | | PASS |
| v10 - BBBCCCC | On>UWL | | | PASS |
| v10 - BBBCCCC | On<LCL | | | PASS |
| v10 - BBBCCCC | On<LSL | | | PASS |
| v10 - BBBCCCC | On<LWL | | | PASS |
| v10 - BBBCCCC | On<TGT | | | PASS |
| v10 - BBBCCCC | On=TGT | | | PASS |
| v10 - BBBCCCC | OnOSL | | | PASS |
| v10 - BBBCCCC | Oppm>TGT | | | PASS |
| v10 - BBBCCCC | Oppm>UCL | | | PASS |
| v10 - BBBCCCC | Oppm>USL | | | PASS |
| v10 - BBBCCCC | Oppm>UWL | | | PASS |
| v10 - BBBCCCC | Oppm<LCL | | | PASS |
| v10 - BBBCCCC | Oppm<LSL | | | PASS |
| v10 - BBBCCCC | Oppm<LWL | | | PASS |
| v10 - BBBCCCC | Oppm<TGT | | | PASS |
| v10 - BBBCCCC | Oppm=TGT | | | PASS |
| v10 - BBBCCCC | R-AVG | 346.213 | 346.213 | PASS |
| v10 - BBBCCCC | R-LWL | -46.219 | -46.219 | PASS |
| v10 - BBBCCCC | R-UCL | 1131.078 | 1131.078 | PASS |
| v10 - BBBCCCC | R-UWL | 738.646 | 738.646 | PASS |
| v10 - BBBCCCC | Sigma | | | PASS |

| | | | | |
|---------------|-------------|----------|----------|------|
| v10 - BBBCCCC | S-mr | 261.622 | 261.622 | PASS |
| v10 - BBBCCCC | Sum | 50463.17 | 50463.17 | PASS |
| v10 - BBBCCCC | T-Dev | | | PASS |
| v10 - BBBCCCC | CppmUCI | | | PASS |
| v10 - BBBCCCC | OppmUCI | | | PASS |
| v10 - BBBCCCC | Avg +3S | 1878.768 | 1878.768 | PASS |
| v10 - BBBCCCC | Avg +4S | 2335.114 | 2335.114 | PASS |
| v11 - FFFCFFF | N | 99 | 99 | PASS |
| v11 - FFFCFFF | S-pop | 456.346 | 456.346 | PASS |
| v11 - FFFCFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v11 - FFFCFFF | Avg | 509.729 | 509.729 | PASS |
| v11 - FFFCFFF | Min Value | -860.08 | -860.08 | PASS |
| v11 - FFFCFFF | OppmOSL | 60606 | 60606 | PASS |
| v11 - FFFCFFF | CppmOSL | 32900 | 32900 | PASS |
| v11 - FFFCFFF | Cr | 1.4 | 1.4 | PASS |
| v11 - FFFCFFF | Tz | | | PASS |
| v11 - FFFCFFF | Cpk | 0.7 | 0.7 | PASS |
| v11 - FFFCFFF | %CV | 89.527 | 89.527 | PASS |
| v11 - FFFCFFF | Rule | | | PASS |
| v11 - FFFCFFF | C%>TGT | | | PASS |
| v11 - FFFCFFF | C%>UCL | 14.23 | 14.23 | PASS |
| v11 - FFFCFFF | C%>USL | 1.5 | 1.5 | PASS |
| v11 - FFFCFFF | C%>UWL | 31.92 | 31.92 | PASS |
| v11 - FFFCFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v11 - FFFCFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v11 - FFFCFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v11 - FFFCFFF | C%<TGT | | | PASS |
| v11 - FFFCFFF | C%OSL | 3.29 | 3.29 | PASS |
| v11 - FFFCFFF | Cn>TGT | | | PASS |
| v11 - FFFCFFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v11 - FFFCFFF | Cn>USL | 1.485 | 1.485 | PASS |
| v11 - FFFCFFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v11 - FFFCFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v11 - FFFCFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v11 - FFFCFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v11 - FFFCFFF | Cn<TGT | | | PASS |
| v11 - FFFCFFF | CnOSL | 3.257 | 3.257 | PASS |
| v11 - FFFCFFF | Cppm>TGT | | | PASS |
| v11 - FFFCFFF | Cppm>UCL | 142300 | 142300 | PASS |
| v11 - FFFCFFF | Cppm>USL | 15000 | 15000 | PASS |
| v11 - FFFCFFF | Cppm>UWL | 319200 | 319200 | PASS |
| v11 - FFFCFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v11 - FFFCFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v11 - FFFCFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v11 - FFFCFFF | Cppm<TGT | | | PASS |
| v11 - FFFCFFF | CLWL | -174.79 | -174.79 | PASS |
| v11 - FFFCFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v11 - FFFCFFF | Cp | 0.71 | 0.71 | PASS |
| v11 - FFFCFFF | Avg-current | 509.729 | 509.729 | PASS |
| v11 - FFFCFFF | S-current | 456.346 | 456.346 | PASS |
| v11 - FFFCFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v11 - FFFCFFF | Avg -3S | -859.31 | -859.31 | PASS |

| | | | | |
|---------------|-----------|-----------|----------|------|
| v11 - FFFCFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v11 - FFFCFFF | M | 473.71 | 473.71 | PASS |
| v11 - FFFCFFF | O%>TGT | | | PASS |
| v11 - FFFCFFF | O%>UCL | 5.051 | 5.051 | PASS |
| v11 - FFFCFFF | O%>USL | 4.04 | 4.04 | PASS |
| v11 - FFFCFFF | O%>UWL | 20.202 | 20.202 | PASS |
| v11 - FFFCFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v11 - FFFCFFF | O%LSL | 2.02 | 2.02 | PASS |
| v11 - FFFCFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v11 - FFFCFFF | O%<TGT | | | PASS |
| v11 - FFFCFFF | O%=TGT | | | PASS |
| v11 - FFFCFFF | O%OSL | 6.061 | 6.061 | PASS |
| v11 - FFFCFFF | On>TGT | | | PASS |
| v11 - FFFCFFF | On>UCL | 5 | 5 | PASS |
| v11 - FFFCFFF | On>USL | 4 | 4 | PASS |
| v11 - FFFCFFF | On>UWL | 20 | 20 | PASS |
| v11 - FFFCFFF | On<LCL | 3 | 3 | PASS |
| v11 - FFFCFFF | On<LSL | 2 | 2 | PASS |
| v11 - FFFCFFF | On<LWL | 10 | 10 | PASS |
| v11 - FFFCFFF | On<TGT | | | PASS |
| v11 - FFFCFFF | On=TGT | | | PASS |
| v11 - FFFCFFF | OnOSL | 6 | 6 | PASS |
| v11 - FFFCFFF | Oppm>TGT | | | PASS |
| v11 - FFFCFFF | Oppm>UCL | 50505 | 50505 | PASS |
| v11 - FFFCFFF | Oppm>USL | 40404 | 40404 | PASS |
| v11 - FFFCFFF | Oppm>UWL | 202020 | 202020 | PASS |
| v11 - FFFCFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v11 - FFFCFFF | Oppm<LSL | 20202 | 20202 | PASS |
| v11 - FFFCFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v11 - FFFCFFF | Oppm<TGT | | | PASS |
| v11 - FFFCFFF | Oppm=TGT | | | PASS |
| v11 - FFFCFFF | R-AVG | 346.213 | 346.213 | PASS |
| v11 - FFFCFFF | R-LWL | -46.219 | -46.219 | PASS |
| v11 - FFFCFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v11 - FFFCFFF | R-UWL | 738.646 | 738.646 | PASS |
| v11 - FFFCFFF | Sigma | 4.3 | 4.3 | PASS |
| v11 - FFFCFFF | S-mr | 261.622 | 261.622 | PASS |
| v11 - FFFCFFF | Sum | 50463.17 | 50463.17 | PASS |
| v11 - FFFCFFF | T-Dev | | | PASS |
| v11 - FFFCFFF | CppmUCI | 67788 | 67788 | PASS |
| v11 - FFFCFFF | OppmUCI | 121281 | 121281 | PASS |
| v11 - FFFCFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v11 - FFFCFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v12 - CCCFCCC | N | 99 | 99 | PASS |
| v12 - CCCFCCC | S-pop | 456.346 | 456.346 | PASS |
| v12 - CCCFCCC | Max Value | 2304.83 | 2304.83 | PASS |
| v12 - CCCFCCC | Avg | 509.729 | 509.729 | PASS |
| v12 - CCCFCCC | Min Value | -860.08 | -860.08 | PASS |
| v12 - CCCFCCC | OppmOSL | | | PASS |
| v12 - CCCFCCC | CppmOSL | | | PASS |
| v12 - CCCFCCC | Cr | | | PASS |
| v12 - CCCFCCC | Tz | 0.1 | 0.1 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v12 - CCCFCCC | Cpk | | | PASS |
| v12 - CCCFCCC | %CV | 89.527 | 89.527 | PASS |
| v12 - CCCFCCC | Rule | | | PASS |
| v12 - CCCFCCC | C%>TGT | 55.17 | 55.17 | PASS |
| v12 - CCCFCCC | C%>UCL | | | PASS |
| v12 - CCCFCCC | C%>USL | | | PASS |
| v12 - CCCFCCC | C%>UWL | | | PASS |
| v12 - CCCFCCC | C%<LCL | | | PASS |
| v12 - CCCFCCC | C%<LSL | | | PASS |
| v12 - CCCFCCC | C%<LWL | | | PASS |
| v12 - CCCFCCC | C%<TGT | 44.83 | 44.83 | PASS |
| v12 - CCCFCCC | C%OSL | | | PASS |
| v12 - CCCFCCC | Cn>TGT | 54.618 | 54.618 | PASS |
| v12 - CCCFCCC | Cn<UCL | | | PASS |
| v12 - CCCFCCC | Cn>USL | | | PASS |
| v12 - CCCFCCC | Cn>UWL | | | PASS |
| v12 - CCCFCCC | Cn<LCL | | | PASS |
| v12 - CCCFCCC | Cn<LSL | | | PASS |
| v12 - CCCFCCC | Cn<LWL | | | PASS |
| v12 - CCCFCCC | Cn<TGT | 44.382 | 44.382 | PASS |
| v12 - CCCFCCC | CnOSL | | | PASS |
| v12 - CCCFCCC | Cppm>TGT | 551700 | 551700 | PASS |
| v12 - CCCFCCC | Cppm>UCL | | | PASS |
| v12 - CCCFCCC | Cppm>USL | | | PASS |
| v12 - CCCFCCC | Cppm>UWL | | | PASS |
| v12 - CCCFCCC | Cppm<LCL | | | PASS |
| v12 - CCCFCCC | Cppm<LSL | | | PASS |
| v12 - CCCFCCC | Cppm<LWL | | | PASS |
| v12 - CCCFCCC | Cppm<TGT | 448300 | 448300 | PASS |
| v12 - CCCFCCC | CLWL | -174.79 | -174.79 | PASS |
| v12 - CCCFCCC | CUWL | 1194.248 | 1194.248 | PASS |
| v12 - CCCFCCC | Cp | | | PASS |
| v12 - CCCFCCC | Avg-current | 509.729 | 509.729 | PASS |
| v12 - CCCFCCC | S-current | 456.346 | 456.346 | PASS |
| v12 - CCCFCCC | Last Value | 2188.27 | 2188.27 | PASS |
| v12 - CCCFCCC | Avg -3S | -859.31 | -859.31 | PASS |
| v12 - CCCFCCC | Avg -4S | -1315.656 | -1315.66 | PASS |
| v12 - CCCFCCC | M | 473.71 | 473.71 | PASS |
| v12 - CCCFCCC | O%>TGT | 50.505 | 50.505 | PASS |
| v12 - CCCFCCC | O%>UCL | | | PASS |
| v12 - CCCFCCC | O%>USL | | | PASS |
| v12 - CCCFCCC | O%>UWL | | | PASS |
| v12 - CCCFCCC | O%<LCL | | | PASS |
| v12 - CCCFCCC | O%LSL | | | PASS |
| v12 - CCCFCCC | O%<LWL | | | PASS |
| v12 - CCCFCCC | O%<TGT | 49.495 | 49.495 | PASS |
| v12 - CCCFCCC | O%=TGT | 0 | 0 | PASS |
| v12 - CCCFCCC | O%OSL | | | PASS |
| v12 - CCCFCCC | On>TGT | 50 | 50 | PASS |
| v12 - CCCFCCC | On>UCL | | | PASS |
| v12 - CCCFCCC | On>USL | | | PASS |
| v12 - CCCFCCC | On>UWL | | | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v12 - CCCFCCC | On<LCL | | | PASS |
| v12 - CCCFCCC | On<LSL | | | PASS |
| v12 - CCCFCCC | On<LWL | | | PASS |
| v12 - CCCFCCC | On<TGT | 49 | 49 | PASS |
| v12 - CCCFCCC | On=TGT | 0 | 0 | PASS |
| v12 - CCCFCCC | OnOSL | | | PASS |
| v12 - CCCFCCC | Oppm>TGT | 505051 | 505051 | PASS |
| v12 - CCCFCCC | Oppm>UCL | | | PASS |
| v12 - CCCFCCC | Oppm>USL | | | PASS |
| v12 - CCCFCCC | Oppm>UWL | | | PASS |
| v12 - CCCFCCC | Oppm<LCL | | | PASS |
| v12 - CCCFCCC | Oppm<LSL | | | PASS |
| v12 - CCCFCCC | Oppm<LWL | | | PASS |
| v12 - CCCFCCC | Oppm<TGT | 494949 | 494949 | PASS |
| v12 - CCCFCCC | Oppm=TGT | 0 | 0 | PASS |
| v12 - CCCFCCC | R-AVG | 346.213 | 346.213 | PASS |
| v12 - CCCFCCC | R-LWL | -46.219 | -46.219 | PASS |
| v12 - CCCFCCC | R-UCL | 1131.078 | 1131.078 | PASS |
| v12 - CCCFCCC | R-UWL | 738.646 | 738.646 | PASS |
| v12 - CCCFCCC | Sigma | | | PASS |
| v12 - CCCFCCC | S-mr | 261.622 | 261.622 | PASS |
| v12 - CCCFCCC | Sum | 50463.17 | 50463.17 | PASS |
| v12 - CCCFCCC | T-Dev | 59.729 | 59.729 | PASS |
| v12 - CCCFCCC | CppmUCI | | | PASS |
| v12 - CCCFCCC | OppmUCI | | | PASS |
| v12 - CCCFCCC | Avg +3S | 1878.768 | 1878.768 | PASS |
| v12 - CCCFCCC | Avg +4S | 2335.114 | 2335.114 | PASS |
| v13 - FCFCFCF | N | 99 | 99 | PASS |
| v13 - FCFCFCF | S-pop | 456.346 | 456.346 | PASS |
| v13 - FCFCFCF | Max Value | 2304.83 | 2304.83 | PASS |
| v13 - FCFCFCF | Avg | 509.729 | 509.729 | PASS |
| v13 - FCFCFCF | Min Value | -860.08 | -860.08 | PASS |
| v13 - FCFCFCF | OppmOSL | 60606 | 60606 | PASS |
| v13 - FCFCFCF | CppmOSL | 32900 | 32900 | PASS |
| v13 - FCFCFCF | Cr | 1.4 | 1.4 | PASS |
| v13 - FCFCFCF | Tz | | | PASS |
| v13 - FCFCFCF | Cpk | 0.7 | 0.7 | PASS |
| v13 - FCFCFCF | %CV | 89.527 | 89.527 | PASS |
| v13 - FCFCFCF | Rule | | | PASS |
| v13 - FCFCFCF | C%>TGT | | | PASS |
| v13 - FCFCFCF | C%>UCL | | | PASS |
| v13 - FCFCFCF | C%>USL | 1.5 | 1.5 | PASS |
| v13 - FCFCFCF | C%>UWL | 31.92 | 31.92 | PASS |
| v13 - FCFCFCF | C%<LCL | | | PASS |
| v13 - FCFCFCF | C%<LSL | 1.79 | 1.79 | PASS |
| v13 - FCFCFCF | C%<LWL | 21.77 | 21.77 | PASS |
| v13 - FCFCFCF | C%<TGT | | | PASS |
| v13 - FCFCFCF | C%OSL | 3.29 | 3.29 | PASS |
| v13 - FCFCFCF | Cn>TGT | | | PASS |
| v13 - FCFCFCF | Cn<UCL | | | PASS |
| v13 - FCFCFCF | Cn>USL | 1.485 | 1.485 | PASS |
| v13 - FCFCFCF | Cn>UWL | 31.601 | 31.601 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v13 - FCFCFCF | Cn<LCL | | | PASS |
| v13 - FCFCFCF | Cn<LSL | 1.772 | 1.772 | PASS |
| v13 - FCFCFCF | Cn<LWL | 21.552 | 21.552 | PASS |
| v13 - FCFCFCF | Cn<TGT | | | PASS |
| v13 - FCFCFCF | CnOSL | 3.257 | 3.257 | PASS |
| v13 - FCFCFCF | Cppm>TGT | | | PASS |
| v13 - FCFCFCF | Cppm>UCL | | | PASS |
| v13 - FCFCFCF | Cppm>USL | 15000 | 15000 | PASS |
| v13 - FCFCFCF | Cppm>UWL | 319200 | 319200 | PASS |
| v13 - FCFCFCF | Cppm<LCL | | | PASS |
| v13 - FCFCFCF | Cppm<LSL | 17900 | 17900 | PASS |
| v13 - FCFCFCF | Cppm<LWL | 217700 | 217700 | PASS |
| v13 - FCFCFCF | Cppm<TGT | | | PASS |
| v13 - FCFCFCF | CLWL | -174.79 | -174.79 | PASS |
| v13 - FCFCFCF | CUWL | 1194.248 | 1194.248 | PASS |
| v13 - FCFCFCF | Cp | 0.71 | 0.71 | PASS |
| v13 - FCFCFCF | Avg-current | 509.729 | 509.729 | PASS |
| v13 - FCFCFCF | S-current | 456.346 | 456.346 | PASS |
| v13 - FCFCFCF | Last Value | 2188.27 | 2188.27 | PASS |
| v13 - FCFCFCF | Avg -3S | -859.31 | -859.31 | PASS |
| v13 - FCFCFCF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v13 - FCFCFCF | M | 473.71 | 473.71 | PASS |
| v13 - FCFCFCF | O%>TGT | | | PASS |
| v13 - FCFCFCF | O%>UCL | | | PASS |
| v13 - FCFCFCF | O%>USL | 4.04 | 4.04 | PASS |
| v13 - FCFCFCF | O%>UWL | 20.202 | 20.202 | PASS |
| v13 - FCFCFCF | O%<LCL | | | PASS |
| v13 - FCFCFCF | O%LSL | 2.02 | 2.02 | PASS |
| v13 - FCFCFCF | O%<LWL | 10.101 | 10.101 | PASS |
| v13 - FCFCFCF | O%<TGT | | | PASS |
| v13 - FCFCFCF | O%=TGT | | | PASS |
| v13 - FCFCFCF | O%OSL | 6.061 | 6.061 | PASS |
| v13 - FCFCFCF | On>TGT | | | PASS |
| v13 - FCFCFCF | On>UCL | | | PASS |
| v13 - FCFCFCF | On>USL | 4 | 4 | PASS |
| v13 - FCFCFCF | On>UWL | 20 | 20 | PASS |
| v13 - FCFCFCF | On<LCL | | | PASS |
| v13 - FCFCFCF | On<LSL | 2 | 2 | PASS |
| v13 - FCFCFCF | On<LWL | 10 | 10 | PASS |
| v13 - FCFCFCF | On<TGT | | | PASS |
| v13 - FCFCFCF | On=TGT | | | PASS |
| v13 - FCFCFCF | OnOSL | 6 | 6 | PASS |
| v13 - FCFCFCF | Oppm>TGT | | | PASS |
| v13 - FCFCFCF | Oppm>UCL | | | PASS |
| v13 - FCFCFCF | Oppm>USL | 40404 | 40404 | PASS |
| v13 - FCFCFCF | Oppm>UWL | 202020 | 202020 | PASS |
| v13 - FCFCFCF | Oppm<LCL | | | PASS |
| v13 - FCFCFCF | Oppm<LSL | 20202 | 20202 | PASS |
| v13 - FCFCFCF | Oppm<LWL | 101010 | 101010 | PASS |
| v13 - FCFCFCF | Oppm<TGT | | | PASS |
| v13 - FCFCFCF | Oppm=TGT | | | PASS |
| v13 - FCFCFCF | R-AVG | 346.213 | 346.213 | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v13 - FCFCFCF | R-LWL | -46.219 | -46.219 | PASS |
| v13 - FCFCFCF | R-UCL | 1131.078 | 1131.078 | PASS |
| v13 - FCFCFCF | R-UWL | 738.646 | 738.646 | PASS |
| v13 - FCFCFCF | Sigma | 4.3 | 4.3 | PASS |
| v13 - FCFCFCF | S-mr | 261.622 | 261.622 | PASS |
| v13 - FCFCFCF | Sum | 50463.17 | 50463.17 | PASS |
| v13 - FCFCFCF | T-Dev | | | PASS |
| v13 - FCFCFCF | CppmUCI | 67788 | 67788 | PASS |
| v13 - FCFCFCF | OppmUCI | 121281 | 121281 | PASS |
| v13 - FCFCFCF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v13 - FCFCFCF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v14 - CFCFCFC | N | 99 | 99 | PASS |
| v14 - CFCFCFC | S-pop | 456.346 | 456.346 | PASS |
| v14 - CFCFCFC | Max Value | 2304.83 | 2304.83 | PASS |
| v14 - CFCFCFC | Avg | 509.729 | 509.729 | PASS |
| v14 - CFCFCFC | Min Value | -860.08 | -860.08 | PASS |
| v14 - CFCFCFC | OppmOSL | | | PASS |
| v14 - CFCFCFC | CppmOSL | | | PASS |
| v14 - CFCFCFC | Cr | | | PASS |
| v14 - CFCFCFC | Tz | 0.1 | 0.1 | PASS |
| v14 - CFCFCFC | Cpk | | | PASS |
| v14 - CFCFCFC | %CV | 89.527 | 89.527 | PASS |
| v14 - CFCFCFC | Rule | | | PASS |
| v14 - CFCFCFC | C%>TGT | 55.17 | 55.17 | PASS |
| v14 - CFCFCFC | C%>UCL | 14.23 | 14.23 | PASS |
| v14 - CFCFCFC | C%>USL | | | PASS |
| v14 - CFCFCFC | C%>UWL | | | PASS |
| v14 - CFCFCFC | C%<LCL | 13.14 | 13.14 | PASS |
| v14 - CFCFCFC | C%<LSL | | | PASS |
| v14 - CFCFCFC | C%<LWL | | | PASS |
| v14 - CFCFCFC | C%<TGT | 44.83 | 44.83 | PASS |
| v14 - CFCFCFC | C%OSL | | | PASS |
| v14 - CFCFCFC | Cn>TGT | 54.618 | 54.618 | PASS |
| v14 - CFCFCFC | Cn<UCL | 14.088 | 14.088 | PASS |
| v14 - CFCFCFC | Cn>USL | | | PASS |
| v14 - CFCFCFC | Cn>UWL | | | PASS |
| v14 - CFCFCFC | Cn<LCL | 13.009 | 13.009 | PASS |
| v14 - CFCFCFC | Cn<LSL | | | PASS |
| v14 - CFCFCFC | Cn<LWL | | | PASS |
| v14 - CFCFCFC | Cn<TGT | 44.382 | 44.382 | PASS |
| v14 - CFCFCFC | CnOSL | | | PASS |
| v14 - CFCFCFC | Cppm>TGT | 551700 | 551700 | PASS |
| v14 - CFCFCFC | Cppm>UCL | 142300 | 142300 | PASS |
| v14 - CFCFCFC | Cppm>USL | | | PASS |
| v14 - CFCFCFC | Cppm>UWL | | | PASS |
| v14 - CFCFCFC | Cppm<LCL | 131400 | 131400 | PASS |
| v14 - CFCFCFC | Cppm<LSL | | | PASS |
| v14 - CFCFCFC | Cppm<LWL | | | PASS |
| v14 - CFCFCFC | Cppm<TGT | 448300 | 448300 | PASS |
| v14 - CFCFCFC | CLWL | -174.79 | -174.79 | PASS |
| v14 - CFCFCFC | CUWL | 1194.248 | 1194.248 | PASS |
| v14 - CFCFCFC | Cp | | | PASS |

| | | | | |
|----------------|-------------|-----------|----------|------|
| v14 - CFCFCFC | Avg-current | 509.729 | 509.729 | PASS |
| v14 - CFCFCFC | S-current | 456.346 | 456.346 | PASS |
| v14 - CFCFCFC | Last Value | 2188.27 | 2188.27 | PASS |
| v14 - CFCFCFC | Avg -3S | -859.31 | -859.31 | PASS |
| v14 - CFCFCFC | Avg -4S | -1315.656 | -1315.66 | PASS |
| v14 - CFCFCFC | M | 473.71 | 473.71 | PASS |
| v14 - CFCFCFC | O%>TGT | 50.505 | 50.505 | PASS |
| v14 - CFCFCFC | O%>UCL | 5.051 | 5.051 | PASS |
| v14 - CFCFCFC | O%>USL | | | PASS |
| v14 - CFCFCFC | O%>UWL | | | PASS |
| v14 - CFCFCFC | O%<LCL | 3.03 | 3.03 | PASS |
| v14 - CFCFCFC | O%LSL | | | PASS |
| v14 - CFCFCFC | O%<LWL | | | PASS |
| v14 - CFCFCFC | O%<TGT | 49.495 | 49.495 | PASS |
| v14 - CFCFCFC | O%=TGT | 0 | 0 | PASS |
| v14 - CFCFCFC | O%OSL | | | PASS |
| v14 - CFCFCFC | On>TGT | 50 | 50 | PASS |
| v14 - CFCFCFC | On>UCL | 5 | 5 | PASS |
| v14 - CFCFCFC | On>USL | | | PASS |
| v14 - CFCFCFC | On>UWL | | | PASS |
| v14 - CFCFCFC | On<LCL | 3 | 3 | PASS |
| v14 - CFCFCFC | On<LSL | | | PASS |
| v14 - CFCFCFC | On<LWL | | | PASS |
| v14 - CFCFCFC | On<TGT | 49 | 49 | PASS |
| v14 - CFCFCFC | On=TGT | 0 | 0 | PASS |
| v14 - CFCFCFC | OnOSL | | | PASS |
| v14 - CFCFCFC | Oppm>TGT | 505051 | 505051 | PASS |
| v14 - CFCFCFC | Oppm>UCL | 50505 | 50505 | PASS |
| v14 - CFCFCFC | Oppm>USL | | | PASS |
| v14 - CFCFCFC | Oppm>UWL | | | PASS |
| v14 - CFCFCFC | Oppm<LCL | 30303 | 30303 | PASS |
| v14 - CFCFCFC | Oppm<LSL | | | PASS |
| v14 - CFCFCFC | Oppm<LWL | | | PASS |
| v14 - CFCFCFC | Oppm<TGT | 494949 | 494949 | PASS |
| v14 - CFCFCFC | Oppm=TGT | 0 | 0 | PASS |
| v14 - CFCFCFC | R-AVG | 346.213 | 346.213 | PASS |
| v14 - CFCFCFC | R-LWL | -46.219 | -46.219 | PASS |
| v14 - CFCFCFC | R-UCL | 1131.078 | 1131.078 | PASS |
| v14 - CFCFCFC | R-UWL | 738.646 | 738.646 | PASS |
| v14 - CFCFCFC | Sigma | | | PASS |
| v14 - CFCFCFC | S-mr | 261.622 | 261.622 | PASS |
| v14 - CFCFCFC | Sum | 50463.17 | 50463.17 | PASS |
| v14 - CFCFCFC | T-Dev | 59.729 | 59.729 | PASS |
| v14 - CFCFCFC | CppmUCI | | | PASS |
| v14 - CFCFCFC | OppmUCI | | | PASS |
| v14 - CFCFCFC | Avg +3S | 1878.768 | 1878.768 | PASS |
| v14 - CFCFCFC | Avg +4S | 2335.114 | 2335.114 | PASS |
| v15 - BFFFFFFF | N | 99 | 99 | PASS |
| v15 - BFFFFFFF | S-pop | 456.346 | 456.346 | PASS |
| v15 - BFFFFFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v15 - BFFFFFFF | Avg | 509.729 | 509.729 | PASS |
| v15 - BFFFFFFF | Min Value | -860.08 | -860.08 | PASS |

| | | | | |
|----------------|-------------|-----------|----------|------|
| v15 - BFFFFFFF | OppmOSL | 20202 | 20202 | PASS |
| v15 - BFFFFFFF | CppmOSL | 17900 | 17900 | PASS |
| v15 - BFFFFFFF | Cr | 1.52 | 1.52 | PASS |
| v15 - BFFFFFFF | Tz | 0.1 | 0.1 | PASS |
| v15 - BFFFFFFF | Cpk | 0.7 | 0.7 | PASS |
| v15 - BFFFFFFF | %CV | 89.527 | 89.527 | PASS |
| v15 - BFFFFFFF | Rule | | | PASS |
| v15 - BFFFFFFF | C%>TGT | 55.17 | 55.17 | PASS |
| v15 - BFFFFFFF | C%>UCL | 14.23 | 14.23 | PASS |
| v15 - BFFFFFFF | C%>USL | | | PASS |
| v15 - BFFFFFFF | C%>UWL | 31.92 | 31.92 | PASS |
| v15 - BFFFFFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v15 - BFFFFFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v15 - BFFFFFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v15 - BFFFFFFF | C%<TGT | 44.83 | 44.83 | PASS |
| v15 - BFFFFFFF | C%OSL | 1.79 | 1.79 | PASS |
| v15 - BFFFFFFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v15 - BFFFFFFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v15 - BFFFFFFF | Cn>USL | | | PASS |
| v15 - BFFFFFFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v15 - BFFFFFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v15 - BFFFFFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v15 - BFFFFFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v15 - BFFFFFFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v15 - BFFFFFFF | CnOSL | 1.772 | 1.772 | PASS |
| v15 - BFFFFFFF | Cppm>TGT | 551700 | 551700 | PASS |
| v15 - BFFFFFFF | Cppm>UCL | 142300 | 142300 | PASS |
| v15 - BFFFFFFF | Cppm>USL | | | PASS |
| v15 - BFFFFFFF | Cppm>UWL | 319200 | 319200 | PASS |
| v15 - BFFFFFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v15 - BFFFFFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v15 - BFFFFFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v15 - BFFFFFFF | Cppm<TGT | 448300 | 448300 | PASS |
| v15 - BFFFFFFF | CLWL | -174.79 | -174.79 | PASS |
| v15 - BFFFFFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v15 - BFFFFFFF | Cp | 0.66 | 0.66 | PASS |
| v15 - BFFFFFFF | Avg-current | 509.729 | 509.729 | PASS |
| v15 - BFFFFFFF | S-current | 456.346 | 456.346 | PASS |
| v15 - BFFFFFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v15 - BFFFFFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v15 - BFFFFFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v15 - BFFFFFFF | M | 473.71 | 473.71 | PASS |
| v15 - BFFFFFFF | O%>TGT | 50.505 | 50.505 | PASS |
| v15 - BFFFFFFF | O%>UCL | 5.051 | 5.051 | PASS |
| v15 - BFFFFFFF | O%>USL | | | PASS |
| v15 - BFFFFFFF | O%>UWL | 20.202 | 20.202 | PASS |
| v15 - BFFFFFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v15 - BFFFFFFF | O%<LSL | 2.02 | 2.02 | PASS |
| v15 - BFFFFFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v15 - BFFFFFFF | O%<TGT | 49.495 | 49.495 | PASS |
| v15 - BFFFFFFF | O%=TGT | 0 | 0 | PASS |
| v15 - BFFFFFFF | O%OSL | 2.02 | 2.02 | PASS |

| | | | | |
|----------------|-----------|----------|----------|------|
| v15 - BFFFFFFF | On>TGT | 50 | 50 | PASS |
| v15 - BFFFFFFF | On>UCL | 5 | 5 | PASS |
| v15 - BFFFFFFF | On>USL | | | PASS |
| v15 - BFFFFFFF | On>UWL | 20 | 20 | PASS |
| v15 - BFFFFFFF | On<LCL | 3 | 3 | PASS |
| v15 - BFFFFFFF | On<LSL | 2 | 2 | PASS |
| v15 - BFFFFFFF | On<LWL | 10 | 10 | PASS |
| v15 - BFFFFFFF | On<TGT | 49 | 49 | PASS |
| v15 - BFFFFFFF | On=TGT | 0 | 0 | PASS |
| v15 - BFFFFFFF | OnOSL | 2 | 2 | PASS |
| v15 - BFFFFFFF | Oppm>TGT | 505051 | 505051 | PASS |
| v15 - BFFFFFFF | Oppm>UCL | 50505 | 50505 | PASS |
| v15 - BFFFFFFF | Oppm>USL | | | PASS |
| v15 - BFFFFFFF | Oppm>UWL | 202020 | 202020 | PASS |
| v15 - BFFFFFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v15 - BFFFFFFF | Oppm<LSL | 20202 | 20202 | PASS |
| v15 - BFFFFFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v15 - BFFFFFFF | Oppm<TGT | 494949 | 494949 | PASS |
| v15 - BFFFFFFF | Oppm=TGT | 0 | 0 | PASS |
| v15 - BFFFFFFF | R-AVG | 346.213 | 346.213 | PASS |
| v15 - BFFFFFFF | R-LWL | -46.219 | -46.219 | PASS |
| v15 - BFFFFFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v15 - BFFFFFFF | R-UWL | 738.646 | 738.646 | PASS |
| v15 - BFFFFFFF | Sigma | 3.9 | 3.9 | PASS |
| v15 - BFFFFFFF | S-mr | 261.622 | 261.622 | PASS |
| v15 - BFFFFFFF | Sum | 50463.17 | 50463.17 | PASS |
| v15 - BFFFFFFF | T-Dev | 59.729 | 59.729 | PASS |
| v15 - BFFFFFFF | CppmUCI | 35927 | 35927 | PASS |
| v15 - BFFFFFFF | OppmUCI | 63028 | 63028 | PASS |
| v15 - BFFFFFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v15 - BFFFFFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v16 - FBFFFFFF | N | 99 | 99 | PASS |
| v16 - FBFFFFFF | S-pop | 456.346 | 456.346 | PASS |
| v16 - FBFFFFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v16 - FBFFFFFF | Avg | 509.729 | 509.729 | PASS |
| v16 - FBFFFFFF | Min Value | -860.08 | -860.08 | PASS |
| v16 - FBFFFFFF | OppmOSL | 60606 | 60606 | PASS |
| v16 - FBFFFFFF | CppmOSL | 32900 | 32900 | PASS |
| v16 - FBFFFFFF | Cr | 1.4 | 1.4 | PASS |
| v16 - FBFFFFFF | Tz | 0.1 | 0.1 | PASS |
| v16 - FBFFFFFF | Cpk | 0.7 | 0.7 | PASS |
| v16 - FBFFFFFF | %CV | 89.527 | 89.527 | PASS |
| v16 - FBFFFFFF | Rule | | | PASS |
| v16 - FBFFFFFF | C%>TGT | 55.17 | 55.17 | PASS |
| v16 - FBFFFFFF | C%>UCL | | | PASS |
| v16 - FBFFFFFF | C%>USL | 1.5 | 1.5 | PASS |
| v16 - FBFFFFFF | C%>UWL | 31.92 | 31.92 | PASS |
| v16 - FBFFFFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v16 - FBFFFFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v16 - FBFFFFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v16 - FBFFFFFF | C%<TGT | 44.83 | 44.83 | PASS |
| v16 - FBFFFFFF | C%OSL | 3.29 | 3.29 | PASS |

| | | | | |
|----------------|-------------|-----------|----------|------|
| v16 - FBFFFFFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v16 - FBFFFFFF | Cn<UCL | | | PASS |
| v16 - FBFFFFFF | Cn>USL | 1.485 | 1.485 | PASS |
| v16 - FBFFFFFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v16 - FBFFFFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v16 - FBFFFFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v16 - FBFFFFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v16 - FBFFFFFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v16 - FBFFFFFF | CnOSL | 3.257 | 3.257 | PASS |
| v16 - FBFFFFFF | Cppm>TGT | 551700 | 551700 | PASS |
| v16 - FBFFFFFF | Cppm>UCL | | | PASS |
| v16 - FBFFFFFF | Cppm>USL | 15000 | 15000 | PASS |
| v16 - FBFFFFFF | Cppm>UWL | 319200 | 319200 | PASS |
| v16 - FBFFFFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v16 - FBFFFFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v16 - FBFFFFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v16 - FBFFFFFF | Cppm<TGT | 448300 | 448300 | PASS |
| v16 - FBFFFFFF | CLWL | -174.79 | -174.79 | PASS |
| v16 - FBFFFFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v16 - FBFFFFFF | Cp | 0.71 | 0.71 | PASS |
| v16 - FBFFFFFF | Avg-current | 509.729 | 509.729 | PASS |
| v16 - FBFFFFFF | S-current | 456.346 | 456.346 | PASS |
| v16 - FBFFFFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v16 - FBFFFFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v16 - FBFFFFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v16 - FBFFFFFF | M | 473.71 | 473.71 | PASS |
| v16 - FBFFFFFF | O%>TGT | 50.505 | 50.505 | PASS |
| v16 - FBFFFFFF | O%>UCL | | | PASS |
| v16 - FBFFFFFF | O%>USL | 4.04 | 4.04 | PASS |
| v16 - FBFFFFFF | O%>UWL | 20.202 | 20.202 | PASS |
| v16 - FBFFFFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v16 - FBFFFFFF | O%LSL | 2.02 | 2.02 | PASS |
| v16 - FBFFFFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v16 - FBFFFFFF | O%<TGT | 49.495 | 49.495 | PASS |
| v16 - FBFFFFFF | O%=TGT | 0 | 0 | PASS |
| v16 - FBFFFFFF | O%OSL | 6.061 | 6.061 | PASS |
| v16 - FBFFFFFF | On>TGT | 50 | 50 | PASS |
| v16 - FBFFFFFF | On>UCL | | | PASS |
| v16 - FBFFFFFF | On>USL | 4 | 4 | PASS |
| v16 - FBFFFFFF | On>UWL | 20 | 20 | PASS |
| v16 - FBFFFFFF | On<LCL | 3 | 3 | PASS |
| v16 - FBFFFFFF | On<LSL | 2 | 2 | PASS |
| v16 - FBFFFFFF | On<LWL | 10 | 10 | PASS |
| v16 - FBFFFFFF | On<TGT | 49 | 49 | PASS |
| v16 - FBFFFFFF | On=TGT | 0 | 0 | PASS |
| v16 - FBFFFFFF | OnOSL | 6 | 6 | PASS |
| v16 - FBFFFFFF | Oppm>TGT | 505051 | 505051 | PASS |
| v16 - FBFFFFFF | Oppm>UCL | | | PASS |
| v16 - FBFFFFFF | Oppm>USL | 40404 | 40404 | PASS |
| v16 - FBFFFFFF | Oppm>UWL | 202020 | 202020 | PASS |
| v16 - FBFFFFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v16 - FBFFFFFF | Oppm<LSL | 20202 | 20202 | PASS |

| | | | | |
|----------------|-----------|----------|----------|------|
| v16 - FBFFFFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v16 - FBFFFFFF | Oppm<TGT | 494949 | 494949 | PASS |
| v16 - FBFFFFFF | Oppm=TGT | 0 | 0 | PASS |
| v16 - FBFFFFFF | R-AVG | 346.213 | 346.213 | PASS |
| v16 - FBFFFFFF | R-LWL | -46.219 | -46.219 | PASS |
| v16 - FBFFFFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v16 - FBFFFFFF | R-UWL | 738.646 | 738.646 | PASS |
| v16 - FBFFFFFF | Sigma | 4.3 | 4.3 | PASS |
| v16 - FBFFFFFF | S-mr | 261.622 | 261.622 | PASS |
| v16 - FBFFFFFF | Sum | 50463.17 | 50463.17 | PASS |
| v16 - FBFFFFFF | T-Dev | 59.729 | 59.729 | PASS |
| v16 - FBFFFFFF | CppmUCI | 67788 | 67788 | PASS |
| v16 - FBFFFFFF | OppmUCI | 121281 | 121281 | PASS |
| v16 - FBFFFFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v16 - FBFFFFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v17 - FFBFFFFF | N | 99 | 99 | PASS |
| v17 - FFBFFFFF | S-pop | 456.346 | 456.346 | PASS |
| v17 - FFBFFFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v17 - FFBFFFFF | Avg | 509.729 | 509.729 | PASS |
| v17 - FFBFFFFF | Min Value | -860.08 | -860.08 | PASS |
| v17 - FFBFFFFF | OppmOSL | 60606 | 60606 | PASS |
| v17 - FFBFFFFF | CppmOSL | 32900 | 32900 | PASS |
| v17 - FFBFFFFF | Cr | 1.4 | 1.4 | PASS |
| v17 - FFBFFFFF | Tz | 0.1 | 0.1 | PASS |
| v17 - FFBFFFFF | Cpk | 0.7 | 0.7 | PASS |
| v17 - FFBFFFFF | %CV | 89.527 | 89.527 | PASS |
| v17 - FFBFFFFF | Rule | | | PASS |
| v17 - FFBFFFFF | C%>TGT | 55.17 | 55.17 | PASS |
| v17 - FFBFFFFF | C%>UCL | 14.23 | 14.23 | PASS |
| v17 - FFBFFFFF | C%>USL | 1.5 | 1.5 | PASS |
| v17 - FFBFFFFF | C%>UWL | | | PASS |
| v17 - FFBFFFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v17 - FFBFFFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v17 - FFBFFFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v17 - FFBFFFFF | C%<TGT | 44.83 | 44.83 | PASS |
| v17 - FFBFFFFF | C%OSL | 3.29 | 3.29 | PASS |
| v17 - FFBFFFFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v17 - FFBFFFFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v17 - FFBFFFFF | Cn>USL | 1.485 | 1.485 | PASS |
| v17 - FFBFFFFF | Cn>UWL | | | PASS |
| v17 - FFBFFFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v17 - FFBFFFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v17 - FFBFFFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v17 - FFBFFFFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v17 - FFBFFFFF | CnOSL | 3.257 | 3.257 | PASS |
| v17 - FFBFFFFF | Cppm>TGT | 551700 | 551700 | PASS |
| v17 - FFBFFFFF | Cppm>UCL | 142300 | 142300 | PASS |
| v17 - FFBFFFFF | Cppm>USL | 15000 | 15000 | PASS |
| v17 - FFBFFFFF | Cppm>UWL | | | PASS |
| v17 - FFBFFFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v17 - FFBFFFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v17 - FFBFFFFF | Cppm<LWL | 217700 | 217700 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v17 - FFBFFFF | Cppm<TGT | 448300 | 448300 | PASS |
| v17 - FFBFFFF | CLWL | -174.79 | -174.79 | PASS |
| v17 - FFBFFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v17 - FFBFFFF | Cp | 0.71 | 0.71 | PASS |
| v17 - FFBFFFF | Avg-current | 509.729 | 509.729 | PASS |
| v17 - FFBFFFF | S-current | 456.346 | 456.346 | PASS |
| v17 - FFBFFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v17 - FFBFFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v17 - FFBFFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v17 - FFBFFFF | M | 473.71 | 473.71 | PASS |
| v17 - FFBFFFF | O%>TGT | 50.505 | 50.505 | PASS |
| v17 - FFBFFFF | O%>UCL | 5.051 | 5.051 | PASS |
| v17 - FFBFFFF | O%>USL | 4.04 | 4.04 | PASS |
| v17 - FFBFFFF | O%>UWL | | | PASS |
| v17 - FFBFFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v17 - FFBFFFF | O%LSL | 2.02 | 2.02 | PASS |
| v17 - FFBFFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v17 - FFBFFFF | O%<TGT | 49.495 | 49.495 | PASS |
| v17 - FFBFFFF | O%=TGT | 0 | 0 | PASS |
| v17 - FFBFFFF | O%OSL | 6.061 | 6.061 | PASS |
| v17 - FFBFFFF | On>TGT | 50 | 50 | PASS |
| v17 - FFBFFFF | On>UCL | 5 | 5 | PASS |
| v17 - FFBFFFF | On>USL | 4 | 4 | PASS |
| v17 - FFBFFFF | On>UWL | | | PASS |
| v17 - FFBFFFF | On<LCL | 3 | 3 | PASS |
| v17 - FFBFFFF | On<LSL | 2 | 2 | PASS |
| v17 - FFBFFFF | On<LWL | 10 | 10 | PASS |
| v17 - FFBFFFF | On<TGT | 49 | 49 | PASS |
| v17 - FFBFFFF | On=TGT | 0 | 0 | PASS |
| v17 - FFBFFFF | OnOSL | 6 | 6 | PASS |
| v17 - FFBFFFF | Oppm>TGT | 505051 | 505051 | PASS |
| v17 - FFBFFFF | Oppm>UCL | 50505 | 50505 | PASS |
| v17 - FFBFFFF | Oppm>USL | 40404 | 40404 | PASS |
| v17 - FFBFFFF | Oppm>UWL | | | PASS |
| v17 - FFBFFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v17 - FFBFFFF | Oppm<LSL | 20202 | 20202 | PASS |
| v17 - FFBFFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v17 - FFBFFFF | Oppm<TGT | 494949 | 494949 | PASS |
| v17 - FFBFFFF | Oppm=TGT | 0 | 0 | PASS |
| v17 - FFBFFFF | R-AVG | 346.213 | 346.213 | PASS |
| v17 - FFBFFFF | R-LWL | -46.219 | -46.219 | PASS |
| v17 - FFBFFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v17 - FFBFFFF | R-UWL | 738.646 | 738.646 | PASS |
| v17 - FFBFFFF | Sigma | 4.3 | 4.3 | PASS |
| v17 - FFBFFFF | S-mr | 261.622 | 261.622 | PASS |
| v17 - FFBFFFF | Sum | 50463.17 | 50463.17 | PASS |
| v17 - FFBFFFF | T-Dev | 59.729 | 59.729 | PASS |
| v17 - FFBFFFF | CppmUCI | 67788 | 67788 | PASS |
| v17 - FFBFFFF | OppmUCI | 121281 | 121281 | PASS |
| v17 - FFBFFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v17 - FFBFFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v18 - FFBFFFF | N | 99 | 99 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v18 - FFFBFFF | S-pop | 456.346 | 456.346 | PASS |
| v18 - FFFBFFF | Max Value | 2304.83 | 2304.83 | PASS |
| v18 - FFFBFFF | Avg | 509.729 | 509.729 | PASS |
| v18 - FFFBFFF | Min Value | -860.08 | -860.08 | PASS |
| v18 - FFFBFFF | OppmOSL | 60606 | 60606 | PASS |
| v18 - FFFBFFF | CppmOSL | 32900 | 32900 | PASS |
| v18 - FFFBFFF | Cr | 1.4 | 1.4 | PASS |
| v18 - FFFBFFF | Tz | | | PASS |
| v18 - FFFBFFF | Cpk | 0.7 | 0.7 | PASS |
| v18 - FFFBFFF | %CV | 89.527 | 89.527 | PASS |
| v18 - FFFBFFF | Rule | | | PASS |
| v18 - FFFBFFF | C%>TGT | | | PASS |
| v18 - FFFBFFF | C%>UCL | 14.23 | 14.23 | PASS |
| v18 - FFFBFFF | C%>USL | 1.5 | 1.5 | PASS |
| v18 - FFFBFFF | C%>UWL | 31.92 | 31.92 | PASS |
| v18 - FFFBFFF | C%<LCL | 13.14 | 13.14 | PASS |
| v18 - FFFBFFF | C%<LSL | 1.79 | 1.79 | PASS |
| v18 - FFFBFFF | C%<LWL | 21.77 | 21.77 | PASS |
| v18 - FFFBFFF | C%<TGT | | | PASS |
| v18 - FFFBFFF | C%OSL | 3.29 | 3.29 | PASS |
| v18 - FFFBFFF | Cn>TGT | | | PASS |
| v18 - FFFBFFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v18 - FFFBFFF | Cn>USL | 1.485 | 1.485 | PASS |
| v18 - FFFBFFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v18 - FFFBFFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v18 - FFFBFFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v18 - FFFBFFF | Cn<LWL | 21.552 | 21.552 | PASS |
| v18 - FFFBFFF | Cn<TGT | | | PASS |
| v18 - FFFBFFF | CnOSL | 3.257 | 3.257 | PASS |
| v18 - FFFBFFF | Cppm>TGT | | | PASS |
| v18 - FFFBFFF | Cppm>UCL | 142300 | 142300 | PASS |
| v18 - FFFBFFF | Cppm>USL | 15000 | 15000 | PASS |
| v18 - FFFBFFF | Cppm>UWL | 319200 | 319200 | PASS |
| v18 - FFFBFFF | Cppm<LCL | 131400 | 131400 | PASS |
| v18 - FFFBFFF | Cppm<LSL | 17900 | 17900 | PASS |
| v18 - FFFBFFF | Cppm<LWL | 217700 | 217700 | PASS |
| v18 - FFFBFFF | Cppm<TGT | | | PASS |
| v18 - FFFBFFF | CLWL | -174.79 | -174.79 | PASS |
| v18 - FFFBFFF | CUWL | 1194.248 | 1194.248 | PASS |
| v18 - FFFBFFF | Cp | 0.71 | 0.71 | PASS |
| v18 - FFFBFFF | Avg-current | 509.729 | 509.729 | PASS |
| v18 - FFFBFFF | S-current | 456.346 | 456.346 | PASS |
| v18 - FFFBFFF | Last Value | 2188.27 | 2188.27 | PASS |
| v18 - FFFBFFF | Avg -3S | -859.31 | -859.31 | PASS |
| v18 - FFFBFFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v18 - FFFBFFF | M | 473.71 | 473.71 | PASS |
| v18 - FFFBFFF | O%>TGT | | | PASS |
| v18 - FFFBFFF | O%>UCL | 5.051 | 5.051 | PASS |
| v18 - FFFBFFF | O%>USL | 4.04 | 4.04 | PASS |
| v18 - FFFBFFF | O%>UWL | 20.202 | 20.202 | PASS |
| v18 - FFFBFFF | O%<LCL | 3.03 | 3.03 | PASS |
| v18 - FFFBFFF | O%LSL | 2.02 | 2.02 | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v18 - FFFBFFF | O%<LWL | 10.101 | 10.101 | PASS |
| v18 - FFFBFFF | O%<TGT | | | PASS |
| v18 - FFFBFFF | O%=TGT | | | PASS |
| v18 - FFFBFFF | O%OSL | 6.061 | 6.061 | PASS |
| v18 - FFFBFFF | On>TGT | | | PASS |
| v18 - FFFBFFF | On>UCL | 5 | 5 | PASS |
| v18 - FFFBFFF | On>USL | 4 | 4 | PASS |
| v18 - FFFBFFF | On>UWL | 20 | 20 | PASS |
| v18 - FFFBFFF | On<LCL | 3 | 3 | PASS |
| v18 - FFFBFFF | On<LSL | 2 | 2 | PASS |
| v18 - FFFBFFF | On<LWL | 10 | 10 | PASS |
| v18 - FFFBFFF | On<TGT | | | PASS |
| v18 - FFFBFFF | On=TGT | | | PASS |
| v18 - FFFBFFF | OnOSL | 6 | 6 | PASS |
| v18 - FFFBFFF | Oppm>TGT | | | PASS |
| v18 - FFFBFFF | Oppm>UCL | 50505 | 50505 | PASS |
| v18 - FFFBFFF | Oppm>USL | 40404 | 40404 | PASS |
| v18 - FFFBFFF | Oppm>UWL | 202020 | 202020 | PASS |
| v18 - FFFBFFF | Oppm<LCL | 30303 | 30303 | PASS |
| v18 - FFFBFFF | Oppm<LSL | 20202 | 20202 | PASS |
| v18 - FFFBFFF | Oppm<LWL | 101010 | 101010 | PASS |
| v18 - FFFBFFF | Oppm<TGT | | | PASS |
| v18 - FFFBFFF | Oppm=TGT | | | PASS |
| v18 - FFFBFFF | R-AVG | 346.213 | 346.213 | PASS |
| v18 - FFFBFFF | R-LWL | -46.219 | -46.219 | PASS |
| v18 - FFFBFFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v18 - FFFBFFF | R-UWL | 738.646 | 738.646 | PASS |
| v18 - FFFBFFF | Sigma | 4.3 | 4.3 | PASS |
| v18 - FFFBFFF | S-mr | 261.622 | 261.622 | PASS |
| v18 - FFFBFFF | Sum | 50463.17 | 50463.17 | PASS |
| v18 - FFFBFFF | T-Dev | | | PASS |
| v18 - FFFBFFF | CppmUCI | 67788 | 67788 | PASS |
| v18 - FFFBFFF | OppmUCI | 121281 | 121281 | PASS |
| v18 - FFFBFFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v18 - FFFBFFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v19 - FFFFBFF | N | 99 | 99 | PASS |
| v19 - FFFFBFF | S-pop | 456.346 | 456.346 | PASS |
| v19 - FFFFBFF | Max Value | 2304.83 | 2304.83 | PASS |
| v19 - FFFFBFF | Avg | 509.729 | 509.729 | PASS |
| v19 - FFFFBFF | Min Value | -860.08 | -860.08 | PASS |
| v19 - FFFFBFF | OppmOSL | 60606 | 60606 | PASS |
| v19 - FFFFBFF | CppmOSL | 32900 | 32900 | PASS |
| v19 - FFFFBFF | Cr | 1.4 | 1.4 | PASS |
| v19 - FFFFBFF | Tz | 0.1 | 0.1 | PASS |
| v19 - FFFFBFF | Cpk | 0.7 | 0.7 | PASS |
| v19 - FFFFBFF | %CV | 89.527 | 89.527 | PASS |
| v19 - FFFFBFF | Rule | | | PASS |
| v19 - FFFFBFF | C%>TGT | 55.17 | 55.17 | PASS |
| v19 - FFFFBFF | C%>UCL | 14.23 | 14.23 | PASS |
| v19 - FFFFBFF | C%>USL | 1.5 | 1.5 | PASS |
| v19 - FFFFBFF | C%>UWL | 31.92 | 31.92 | PASS |
| v19 - FFFFBFF | C%<LCL | 13.14 | 13.14 | PASS |

| | | | | |
|---------------|-------------|-----------|----------|------|
| v19 - FFFFBFF | C%<LSL | 1.79 | 1.79 | PASS |
| v19 - FFFFBFF | C%<LWL | | | PASS |
| v19 - FFFFBFF | C%<TGT | 44.83 | 44.83 | PASS |
| v19 - FFFFBFF | C%OSL | 3.29 | 3.29 | PASS |
| v19 - FFFFBFF | Cn>TGT | 54.618 | 54.618 | PASS |
| v19 - FFFFBFF | Cn<UCL | 14.088 | 14.088 | PASS |
| v19 - FFFFBFF | Cn>USL | 1.485 | 1.485 | PASS |
| v19 - FFFFBFF | Cn>UWL | 31.601 | 31.601 | PASS |
| v19 - FFFFBFF | Cn<LCL | 13.009 | 13.009 | PASS |
| v19 - FFFFBFF | Cn<LSL | 1.772 | 1.772 | PASS |
| v19 - FFFFBFF | Cn<LWL | | | PASS |
| v19 - FFFFBFF | Cn<TGT | 44.382 | 44.382 | PASS |
| v19 - FFFFBFF | CnOSL | 3.257 | 3.257 | PASS |
| v19 - FFFFBFF | Cppm>TGT | 551700 | 551700 | PASS |
| v19 - FFFFBFF | Cppm>UCL | 142300 | 142300 | PASS |
| v19 - FFFFBFF | Cppm>USL | 15000 | 15000 | PASS |
| v19 - FFFFBFF | Cppm>UWL | 319200 | 319200 | PASS |
| v19 - FFFFBFF | Cppm<LCL | 131400 | 131400 | PASS |
| v19 - FFFFBFF | Cppm<LSL | 17900 | 17900 | PASS |
| v19 - FFFFBFF | Cppm<LWL | | | PASS |
| v19 - FFFFBFF | Cppm<TGT | 448300 | 448300 | PASS |
| v19 - FFFFBFF | CLWL | -174.79 | -174.79 | PASS |
| v19 - FFFFBFF | CUWL | 1194.248 | 1194.248 | PASS |
| v19 - FFFFBFF | Cp | 0.71 | 0.71 | PASS |
| v19 - FFFFBFF | Avg-current | 509.729 | 509.729 | PASS |
| v19 - FFFFBFF | S-current | 456.346 | 456.346 | PASS |
| v19 - FFFFBFF | Last Value | 2188.27 | 2188.27 | PASS |
| v19 - FFFFBFF | Avg -3S | -859.31 | -859.31 | PASS |
| v19 - FFFFBFF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v19 - FFFFBFF | M | 473.71 | 473.71 | PASS |
| v19 - FFFFBFF | O%>TGT | 50.505 | 50.505 | PASS |
| v19 - FFFFBFF | O%>UCL | 5.051 | 5.051 | PASS |
| v19 - FFFFBFF | O%>USL | 4.04 | 4.04 | PASS |
| v19 - FFFFBFF | O%>UWL | 20.202 | 20.202 | PASS |
| v19 - FFFFBFF | O%<LCL | 3.03 | 3.03 | PASS |
| v19 - FFFFBFF | O%LSL | 2.02 | 2.02 | PASS |
| v19 - FFFFBFF | O%<LWL | | | PASS |
| v19 - FFFFBFF | O%<TGT | 49.495 | 49.495 | PASS |
| v19 - FFFFBFF | O%=TGT | 0 | 0 | PASS |
| v19 - FFFFBFF | O%OSL | 6.061 | 6.061 | PASS |
| v19 - FFFFBFF | On>TGT | 50 | 50 | PASS |
| v19 - FFFFBFF | On>UCL | 5 | 5 | PASS |
| v19 - FFFFBFF | On>USL | 4 | 4 | PASS |
| v19 - FFFFBFF | On>UWL | 20 | 20 | PASS |
| v19 - FFFFBFF | On<LCL | 3 | 3 | PASS |
| v19 - FFFFBFF | On<LSL | 2 | 2 | PASS |
| v19 - FFFFBFF | On<LWL | | | PASS |
| v19 - FFFFBFF | On<TGT | 49 | 49 | PASS |
| v19 - FFFFBFF | On=TGT | 0 | 0 | PASS |
| v19 - FFFFBFF | OnOSL | 6 | 6 | PASS |
| v19 - FFFFBFF | Oppm>TGT | 505051 | 505051 | PASS |
| v19 - FFFFBFF | Oppm>UCL | 50505 | 50505 | PASS |

| | | | | |
|---------------|-----------|----------|----------|------|
| v19 - FFFFBFF | Oppm>USL | 40404 | 40404 | PASS |
| v19 - FFFFBFF | Oppm>UWL | 202020 | 202020 | PASS |
| v19 - FFFFBFF | Oppm<LCL | 30303 | 30303 | PASS |
| v19 - FFFFBFF | Oppm<LSL | 20202 | 20202 | PASS |
| v19 - FFFFBFF | Oppm<LWL | | | PASS |
| v19 - FFFFBFF | Oppm<TGT | 494949 | 494949 | PASS |
| v19 - FFFFBFF | Oppm=TGT | 0 | 0 | PASS |
| v19 - FFFFBFF | R-AVG | 346.213 | 346.213 | PASS |
| v19 - FFFFBFF | R-LWL | -46.219 | -46.219 | PASS |
| v19 - FFFFBFF | R-UCL | 1131.078 | 1131.078 | PASS |
| v19 - FFFFBFF | R-UWL | 738.646 | 738.646 | PASS |
| v19 - FFFFBFF | Sigma | 4.3 | 4.3 | PASS |
| v19 - FFFFBFF | S-mr | 261.622 | 261.622 | PASS |
| v19 - FFFFBFF | Sum | 50463.17 | 50463.17 | PASS |
| v19 - FFFFBFF | T-Dev | 59.729 | 59.729 | PASS |
| v19 - FFFFBFF | CppmUCI | 67788 | 67788 | PASS |
| v19 - FFFFBFF | OppmUCI | 121281 | 121281 | PASS |
| v19 - FFFFBFF | Avg +3S | 1878.768 | 1878.768 | PASS |
| v19 - FFFFBFF | Avg +4S | 2335.114 | 2335.114 | PASS |
| v20 - FFFFFBF | N | 99 | 99 | PASS |
| v20 - FFFFFBF | S-pop | 456.346 | 456.346 | PASS |
| v20 - FFFFFBF | Max Value | 2304.83 | 2304.83 | PASS |
| v20 - FFFFFBF | Avg | 509.729 | 509.729 | PASS |
| v20 - FFFFFBF | Min Value | -860.08 | -860.08 | PASS |
| v20 - FFFFFBF | OppmOSL | 60606 | 60606 | PASS |
| v20 - FFFFFBF | CppmOSL | 32900 | 32900 | PASS |
| v20 - FFFFFBF | Cr | 1.4 | 1.4 | PASS |
| v20 - FFFFFBF | Tz | 0.1 | 0.1 | PASS |
| v20 - FFFFFBF | Cpk | 0.7 | 0.7 | PASS |
| v20 - FFFFFBF | %CV | 89.527 | 89.527 | PASS |
| v20 - FFFFFBF | Rule | | | PASS |
| v20 - FFFFFBF | C%>TGT | 55.17 | 55.17 | PASS |
| v20 - FFFFFBF | C%>UCL | 14.23 | 14.23 | PASS |
| v20 - FFFFFBF | C%>USL | 1.5 | 1.5 | PASS |
| v20 - FFFFFBF | C%>UWL | 31.92 | 31.92 | PASS |
| v20 - FFFFFBF | C%<LCL | | | PASS |
| v20 - FFFFFBF | C%<LSL | 1.79 | 1.79 | PASS |
| v20 - FFFFFBF | C%<LWL | 21.77 | 21.77 | PASS |
| v20 - FFFFFBF | C%<TGT | 44.83 | 44.83 | PASS |
| v20 - FFFFFBF | C%OSL | 3.29 | 3.29 | PASS |
| v20 - FFFFFBF | Cn>TGT | 54.618 | 54.618 | PASS |
| v20 - FFFFFBF | Cn<UCL | 14.088 | 14.088 | PASS |
| v20 - FFFFFBF | Cn>USL | 1.485 | 1.485 | PASS |
| v20 - FFFFFBF | Cn>UWL | 31.601 | 31.601 | PASS |
| v20 - FFFFFBF | Cn<LCL | | | PASS |
| v20 - FFFFFBF | Cn<LSL | 1.772 | 1.772 | PASS |
| v20 - FFFFFBF | Cn<LWL | 21.552 | 21.552 | PASS |
| v20 - FFFFFBF | Cn<TGT | 44.382 | 44.382 | PASS |
| v20 - FFFFFBF | CnOSL | 3.257 | 3.257 | PASS |
| v20 - FFFFFBF | Cppm>TGT | 551700 | 551700 | PASS |
| v20 - FFFFFBF | Cppm>UCL | 142300 | 142300 | PASS |
| v20 - FFFFFBF | Cppm>USL | 15000 | 15000 | PASS |

| | | | | |
|-----------------|-------------|-----------|----------|------|
| v20 - FFFFFFFBF | Cppm>UWL | 319200 | 319200 | PASS |
| v20 - FFFFFFFBF | Cppm<LCL | | | PASS |
| v20 - FFFFFFFBF | Cppm<LSL | 17900 | 17900 | PASS |
| v20 - FFFFFFFBF | Cppm<LWL | 217700 | 217700 | PASS |
| v20 - FFFFFFFBF | Cppm<TGT | 448300 | 448300 | PASS |
| v20 - FFFFFFFBF | CLWL | -174.79 | -174.79 | PASS |
| v20 - FFFFFFFBF | CUWL | 1194.248 | 1194.248 | PASS |
| v20 - FFFFFFFBF | Cp | 0.71 | 0.71 | PASS |
| v20 - FFFFFFFBF | Avg-current | 509.729 | 509.729 | PASS |
| v20 - FFFFFFFBF | S-current | 456.346 | 456.346 | PASS |
| v20 - FFFFFFFBF | Last Value | 2188.27 | 2188.27 | PASS |
| v20 - FFFFFFFBF | Avg -3S | -859.31 | -859.31 | PASS |
| v20 - FFFFFFFBF | Avg -4S | -1315.656 | -1315.66 | PASS |
| v20 - FFFFFFFBF | M | 473.71 | 473.71 | PASS |
| v20 - FFFFFFFBF | O%>TGT | 50.505 | 50.505 | PASS |
| v20 - FFFFFFFBF | O%>UCL | 5.051 | 5.051 | PASS |
| v20 - FFFFFFFBF | O%>USL | 4.04 | 4.04 | PASS |
| v20 - FFFFFFFBF | O%>UWL | 20.202 | 20.202 | PASS |
| v20 - FFFFFFFBF | O%<LCL | | | PASS |
| v20 - FFFFFFFBF | O%LSL | 2.02 | 2.02 | PASS |
| v20 - FFFFFFFBF | O%<LWL | 10.101 | 10.101 | PASS |
| v20 - FFFFFFFBF | O%<TGT | 49.495 | 49.495 | PASS |
| v20 - FFFFFFFBF | O%=TGT | 0 | 0 | PASS |
| v20 - FFFFFFFBF | O%OSL | 6.061 | 6.061 | PASS |
| v20 - FFFFFFFBF | On>TGT | 50 | 50 | PASS |
| v20 - FFFFFFFBF | On>UCL | 5 | 5 | PASS |
| v20 - FFFFFFFBF | On>USL | 4 | 4 | PASS |
| v20 - FFFFFFFBF | On>UWL | 20 | 20 | PASS |
| v20 - FFFFFFFBF | On<LCL | | | PASS |
| v20 - FFFFFFFBF | On<LSL | 2 | 2 | PASS |
| v20 - FFFFFFFBF | On<LWL | 10 | 10 | PASS |
| v20 - FFFFFFFBF | On<TGT | 49 | 49 | PASS |
| v20 - FFFFFFFBF | On=TGT | 0 | 0 | PASS |
| v20 - FFFFFFFBF | OnOSL | 6 | 6 | PASS |
| v20 - FFFFFFFBF | Oppm>TGT | 505051 | 505051 | PASS |
| v20 - FFFFFFFBF | Oppm>UCL | 50505 | 50505 | PASS |
| v20 - FFFFFFFBF | Oppm>USL | 40404 | 40404 | PASS |
| v20 - FFFFFFFBF | Oppm>UWL | 202020 | 202020 | PASS |
| v20 - FFFFFFFBF | Oppm<LCL | | | PASS |
| v20 - FFFFFFFBF | Oppm<LSL | 20202 | 20202 | PASS |
| v20 - FFFFFFFBF | Oppm<LWL | 101010 | 101010 | PASS |
| v20 - FFFFFFFBF | Oppm<TGT | 494949 | 494949 | PASS |
| v20 - FFFFFFFBF | Oppm=TGT | 0 | 0 | PASS |
| v20 - FFFFFFFBF | R-AVG | 346.213 | 346.213 | PASS |
| v20 - FFFFFFFBF | R-LWL | -46.219 | -46.219 | PASS |
| v20 - FFFFFFFBF | R-UCL | 1131.078 | 1131.078 | PASS |
| v20 - FFFFFFFBF | R-UWL | 738.646 | 738.646 | PASS |
| v20 - FFFFFFFBF | Sigma | 4.3 | 4.3 | PASS |
| v20 - FFFFFFFBF | S-mr | 261.622 | 261.622 | PASS |
| v20 - FFFFFFFBF | Sum | 50463.17 | 50463.17 | PASS |
| v20 - FFFFFFFBF | T-Dev | 59.729 | 59.729 | PASS |
| v20 - FFFFFFFBF | CppmUCI | 67788 | 67788 | PASS |

| | | | | |
|----------------|-------------|-----------|----------|------|
| v20 - FFFFFFFB | OppmUCI | 121281 | 121281 | PASS |
| v20 - FFFFFFFB | Avg +3S | 1878.768 | 1878.768 | PASS |
| v20 - FFFFFFFB | Avg +4S | 2335.114 | 2335.114 | PASS |
| v21 - FFFFFFFB | N | 99 | 99 | PASS |
| v21 - FFFFFFFB | S-pop | 456.346 | 456.346 | PASS |
| v21 - FFFFFFFB | Max Value | 2304.83 | 2304.83 | PASS |
| v21 - FFFFFFFB | Avg | 509.729 | 509.729 | PASS |
| v21 - FFFFFFFB | Min Value | -860.08 | -860.08 | PASS |
| v21 - FFFFFFFB | OppmOSL | 40404 | 40404 | PASS |
| v21 - FFFFFFFB | CppmOSL | 15000 | 15000 | PASS |
| v21 - FFFFFFFB | Cr | 1.3 | 1.3 | PASS |
| v21 - FFFFFFFB | Tz | 0.1 | 0.1 | PASS |
| v21 - FFFFFFFB | Cpk | 0.72 | 0.72 | PASS |
| v21 - FFFFFFFB | %CV | 89.527 | 89.527 | PASS |
| v21 - FFFFFFFB | Rule | | | PASS |
| v21 - FFFFFFFB | C%>TGT | 55.17 | 55.17 | PASS |
| v21 - FFFFFFFB | C%>UCL | 14.23 | 14.23 | PASS |
| v21 - FFFFFFFB | C%>USL | 1.5 | 1.5 | PASS |
| v21 - FFFFFFFB | C%>UWL | 31.92 | 31.92 | PASS |
| v21 - FFFFFFFB | C%<LCL | 13.14 | 13.14 | PASS |
| v21 - FFFFFFFB | C%<LSL | | | PASS |
| v21 - FFFFFFFB | C%<LWL | 21.77 | 21.77 | PASS |
| v21 - FFFFFFFB | C%<TGT | 44.83 | 44.83 | PASS |
| v21 - FFFFFFFB | C%OSL | 1.5 | 1.5 | PASS |
| v21 - FFFFFFFB | Cn>TGT | 54.618 | 54.618 | PASS |
| v21 - FFFFFFFB | Cn<UCL | 14.088 | 14.088 | PASS |
| v21 - FFFFFFFB | Cn>USL | 1.485 | 1.485 | PASS |
| v21 - FFFFFFFB | Cn>UWL | 31.601 | 31.601 | PASS |
| v21 - FFFFFFFB | Cn<LCL | 13.009 | 13.009 | PASS |
| v21 - FFFFFFFB | Cn<LSL | | | PASS |
| v21 - FFFFFFFB | Cn<LWL | 21.552 | 21.552 | PASS |
| v21 - FFFFFFFB | Cn<TGT | 44.382 | 44.382 | PASS |
| v21 - FFFFFFFB | CnOSL | 1.485 | 1.485 | PASS |
| v21 - FFFFFFFB | Cppm>TGT | 551700 | 551700 | PASS |
| v21 - FFFFFFFB | Cppm>UCL | 142300 | 142300 | PASS |
| v21 - FFFFFFFB | Cppm>USL | 15000 | 15000 | PASS |
| v21 - FFFFFFFB | Cppm>UWL | 319200 | 319200 | PASS |
| v21 - FFFFFFFB | Cppm<LCL | 131400 | 131400 | PASS |
| v21 - FFFFFFFB | Cppm<LSL | | | PASS |
| v21 - FFFFFFFB | Cppm<LWL | 217700 | 217700 | PASS |
| v21 - FFFFFFFB | Cppm<TGT | 448300 | 448300 | PASS |
| v21 - FFFFFFFB | CLWL | -174.79 | -174.79 | PASS |
| v21 - FFFFFFFB | CUWL | 1194.248 | 1194.248 | PASS |
| v21 - FFFFFFFB | Cp | 0.77 | 0.77 | PASS |
| v21 - FFFFFFFB | Avg-current | 509.729 | 509.729 | PASS |
| v21 - FFFFFFFB | S-current | 456.346 | 456.346 | PASS |
| v21 - FFFFFFFB | Last Value | 2188.27 | 2188.27 | PASS |
| v21 - FFFFFFFB | Avg -3S | -859.31 | -859.31 | PASS |
| v21 - FFFFFFFB | Avg -4S | -1315.656 | -1315.66 | PASS |
| v21 - FFFFFFFB | M | 473.71 | 473.71 | PASS |
| v21 - FFFFFFFB | O%>TGT | 50.505 | 50.505 | PASS |
| v21 - FFFFFFFB | O%>UCL | 5.051 | 5.051 | PASS |

| | | | | |
|----------------------|-----------|----------|----------|------|
| v21 - FFFFFFFB | O%>USL | 4.04 | 4.04 | PASS |
| v21 - FFFFFFFB | O%>UWL | 20.202 | 20.202 | PASS |
| v21 - FFFFFFFB | O%<LCL | 3.03 | 3.03 | PASS |
| v21 - FFFFFFFB | O%LSL | | | PASS |
| v21 - FFFFFFFB | O%<LWL | 10.101 | 10.101 | PASS |
| v21 - FFFFFFFB | O%<TGT | 49.495 | 49.495 | PASS |
| v21 - FFFFFFFB | O%=TGT | 0 | 0 | PASS |
| v21 - FFFFFFFB | O%OSL | 4.04 | 4.04 | PASS |
| v21 - FFFFFFFB | On>TGT | 50 | 50 | PASS |
| v21 - FFFFFFFB | On>UCL | 5 | 5 | PASS |
| v21 - FFFFFFFB | On>USL | 4 | 4 | PASS |
| v21 - FFFFFFFB | On>UWL | 20 | 20 | PASS |
| v21 - FFFFFFFB | On<LCL | 3 | 3 | PASS |
| v21 - FFFFFFFB | On<LSL | | | PASS |
| v21 - FFFFFFFB | On<LWL | 10 | 10 | PASS |
| v21 - FFFFFFFB | On<TGT | 49 | 49 | PASS |
| v21 - FFFFFFFB | On=TGT | 0 | 0 | PASS |
| v21 - FFFFFFFB | OnOSL | 4 | 4 | PASS |
| v21 - FFFFFFFB | Oppm>TGT | 505051 | 505051 | PASS |
| v21 - FFFFFFFB | Oppm>UCL | 50505 | 50505 | PASS |
| v21 - FFFFFFFB | Oppm>USL | 40404 | 40404 | PASS |
| v21 - FFFFFFFB | Oppm>UWL | 202020 | 202020 | PASS |
| v21 - FFFFFFFB | Oppm<LCL | 30303 | 30303 | PASS |
| v21 - FFFFFFFB | Oppm<LSL | | | PASS |
| v21 - FFFFFFFB | Oppm<LWL | 101010 | 101010 | PASS |
| v21 - FFFFFFFB | Oppm<TGT | 494949 | 494949 | PASS |
| v21 - FFFFFFFB | Oppm=TGT | 0 | 0 | PASS |
| v21 - FFFFFFFB | R-AVG | 346.213 | 346.213 | PASS |
| v21 - FFFFFFFB | R-LWL | -46.219 | -46.219 | PASS |
| v21 - FFFFFFFB | R-UCL | 1131.078 | 1131.078 | PASS |
| v21 - FFFFFFFB | R-UWL | 738.646 | 738.646 | PASS |
| v21 - FFFFFFFB | Sigma | 4.6 | 4.6 | PASS |
| v21 - FFFFFFFB | S-mr | 261.622 | 261.622 | PASS |
| v21 - FFFFFFFB | Sum | 50463.17 | 50463.17 | PASS |
| v21 - FFFFFFFB | T-Dev | 59.729 | 59.729 | PASS |
| v21 - FFFFFFFB | CppmUCI | 31861 | 31861 | PASS |
| v21 - FFFFFFFB | OppmUCI | 91364 | 91364 | PASS |
| v21 - FFFFFFFB | Avg +3S | 1878.768 | 1878.768 | PASS |
| v21 - FFFFFFFB | Avg +4S | 2335.114 | 2335.114 | PASS |
| v22 - SD 0 Equal USL | N | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | S-pop | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Max Value | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Avg | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Min Value | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | OppmOSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | CppmOSL | | | PASS |
| v22 - SD 0 Equal USL | Cr | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Tz | 1 | 1 | PASS |
| v22 - SD 0 Equal USL | Cpk | | | PASS |
| v22 - SD 0 Equal USL | %CV | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Rule | | | PASS |
| v22 - SD 0 Equal USL | C%>TGT | | | PASS |

| | | | | |
|----------------------|-------------|------|------|------|
| v22 - SD 0 Equal USL | C%>UCL | | | PASS |
| v22 - SD 0 Equal USL | C%>USL | | | PASS |
| v22 - SD 0 Equal USL | C%>UWL | | | PASS |
| v22 - SD 0 Equal USL | C%<LCL | | | PASS |
| v22 - SD 0 Equal USL | C%<LSL | | | PASS |
| v22 - SD 0 Equal USL | C%<LWL | | | PASS |
| v22 - SD 0 Equal USL | C%<TGT | | | PASS |
| v22 - SD 0 Equal USL | C%OSL | | | PASS |
| v22 - SD 0 Equal USL | Cn>TGT | | | PASS |
| v22 - SD 0 Equal USL | Cn<UCL | | | PASS |
| v22 - SD 0 Equal USL | Cn>USL | | | PASS |
| v22 - SD 0 Equal USL | Cn>UWL | | | PASS |
| v22 - SD 0 Equal USL | Cn<LCL | | | PASS |
| v22 - SD 0 Equal USL | Cn<LSL | | | PASS |
| v22 - SD 0 Equal USL | Cn<LWL | | | PASS |
| v22 - SD 0 Equal USL | Cn<TGT | | | PASS |
| v22 - SD 0 Equal USL | CnOSL | | | PASS |
| v22 - SD 0 Equal USL | Cppm>TGT | | | PASS |
| v22 - SD 0 Equal USL | Cppm>UCL | | | PASS |
| v22 - SD 0 Equal USL | Cppm>USL | | | PASS |
| v22 - SD 0 Equal USL | Cppm>UWL | | | PASS |
| v22 - SD 0 Equal USL | Cppm<LCL | | | PASS |
| v22 - SD 0 Equal USL | Cppm<LSL | | | PASS |
| v22 - SD 0 Equal USL | Cppm<LWL | | | PASS |
| v22 - SD 0 Equal USL | Cppm<TGT | | | PASS |
| v22 - SD 0 Equal USL | CLWL | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | CUWL | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Cp | | | PASS |
| v22 - SD 0 Equal USL | Avg-current | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | S-current | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Last Value | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Avg -3S | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Avg -4S | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | M | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | O%>TGT | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | O%>UCL | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | O%>USL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%>UWL | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | O%<LCL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%<LSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%<LWL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%<TGT | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%=TGT | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | O%OSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | On>TGT | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | On>UCL | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | On>USL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | On>UWL | 100 | 100 | PASS |
| v22 - SD 0 Equal USL | On<LCL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | On<LSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | On<LWL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | On<TGT | 0 | 0 | PASS |

| | | | | |
|----------------------|-----------|---------|---------|------|
| v22 - SD 0 Equal USL | On=TGT | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | OnOSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm>TGT | 1000000 | 1000000 | PASS |
| v22 - SD 0 Equal USL | Oppm>UCL | 1000000 | 1000000 | PASS |
| v22 - SD 0 Equal USL | Oppm>USL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm>UWL | 1000000 | 1000000 | PASS |
| v22 - SD 0 Equal USL | Oppm<LCL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm<LSL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm<LWL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm<TGT | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Oppm=TGT | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | R-AVG | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | R-LWL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | R-UCL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | R-UWL | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Sigma | | | PASS |
| v22 - SD 0 Equal USL | S-mr | 0 | 0 | PASS |
| v22 - SD 0 Equal USL | Sum | 150000 | 150000 | PASS |
| v22 - SD 0 Equal USL | T-Dev | 1050 | 1050 | PASS |
| v22 - SD 0 Equal USL | CppmUCI | | | PASS |
| v22 - SD 0 Equal USL | OppmUCI | 29802 | 29802 | PASS |
| v22 - SD 0 Equal USL | Avg +3S | 1500 | 1500 | PASS |
| v22 - SD 0 Equal USL | Avg +4S | 1500 | 1500 | PASS |
| v23 - SD 0 Equal UCL | N | 100 | 100 | PASS |
| v23 - SD 0 Equal UCL | S-pop | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Max Value | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Avg | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Min Value | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | OppmOSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | CppmOSL | | | PASS |
| v23 - SD 0 Equal UCL | Cr | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Tz | 1 | 1 | PASS |
| v23 - SD 0 Equal UCL | Cpk | | | PASS |
| v23 - SD 0 Equal UCL | %CV | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Rule | | | PASS |
| v23 - SD 0 Equal UCL | C%>TGT | | | PASS |
| v23 - SD 0 Equal UCL | C%>UCL | | | PASS |
| v23 - SD 0 Equal UCL | C%>USL | | | PASS |
| v23 - SD 0 Equal UCL | C%>UWL | | | PASS |
| v23 - SD 0 Equal UCL | C%<LCL | | | PASS |
| v23 - SD 0 Equal UCL | C%<LSL | | | PASS |
| v23 - SD 0 Equal UCL | C%<LWL | | | PASS |
| v23 - SD 0 Equal UCL | C%<TGT | | | PASS |
| v23 - SD 0 Equal UCL | C%OSL | | | PASS |
| v23 - SD 0 Equal UCL | Cn>TGT | | | PASS |
| v23 - SD 0 Equal UCL | Cn<UCL | | | PASS |
| v23 - SD 0 Equal UCL | Cn>USL | | | PASS |
| v23 - SD 0 Equal UCL | Cn>UWL | | | PASS |
| v23 - SD 0 Equal UCL | Cn<LCL | | | PASS |
| v23 - SD 0 Equal UCL | Cn<LSL | | | PASS |
| v23 - SD 0 Equal UCL | Cn<LWL | | | PASS |
| v23 - SD 0 Equal UCL | Cn<TGT | | | PASS |

| | | | | |
|----------------------|-------------|---------|---------|------|
| v23 - SD 0 Equal UCL | CnOSL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm>TGT | | | PASS |
| v23 - SD 0 Equal UCL | Cppm>UCL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm>USL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm>UWL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm<LCL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm<LSL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm<LWL | | | PASS |
| v23 - SD 0 Equal UCL | Cppm<TGT | | | PASS |
| v23 - SD 0 Equal UCL | CLWL | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | CUWL | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Cp | | | PASS |
| v23 - SD 0 Equal UCL | Avg-current | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | S-current | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Last Value | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Avg -3S | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Avg -4S | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | M | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | O%>TGT | 100 | 100 | PASS |
| v23 - SD 0 Equal UCL | O%>UCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%>USL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%>UWL | 100 | 100 | PASS |
| v23 - SD 0 Equal UCL | O%<LCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%<LSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%<LWL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%<TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%=TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | O%OSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On>TGT | 100 | 100 | PASS |
| v23 - SD 0 Equal UCL | On>UCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On>USL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On>UWL | 100 | 100 | PASS |
| v23 - SD 0 Equal UCL | On<LCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On<LSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On<LWL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On<TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | On=TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | OnOSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm>TGT | 1000000 | 1000000 | PASS |
| v23 - SD 0 Equal UCL | Oppm>UCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm>USL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm>UWL | 1000000 | 1000000 | PASS |
| v23 - SD 0 Equal UCL | Oppm<LCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm<LSL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm<LWL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm<TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Oppm=TGT | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | R-AVG | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | R-LWL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | R-UCL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | R-UWL | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Sigma | | | PASS |

| | | | | |
|----------------------|-------------|--------|--------|------|
| v23 - SD 0 Equal UCL | S-mr | 0 | 0 | PASS |
| v23 - SD 0 Equal UCL | Sum | 99900 | 99900 | PASS |
| v23 - SD 0 Equal UCL | T-Dev | 549 | 549 | PASS |
| v23 - SD 0 Equal UCL | CppmUCI | | | PASS |
| v23 - SD 0 Equal UCL | OppmUCI | 29802 | 29802 | PASS |
| v23 - SD 0 Equal UCL | Avg +3S | 999 | 999 | PASS |
| v23 - SD 0 Equal UCL | Avg +4S | 999 | 999 | PASS |
| v24 - SD 0 Above TGT | N | 100 | 100 | PASS |
| v24 - SD 0 Above TGT | S-pop | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Max Value | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | Avg | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | Min Value | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | OppmOSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | CppmOSL | | | PASS |
| v24 - SD 0 Above TGT | Cr | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Tz | 1 | 1 | PASS |
| v24 - SD 0 Above TGT | Cpk | | | PASS |
| v24 - SD 0 Above TGT | %CV | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Rule | | | PASS |
| v24 - SD 0 Above TGT | C%>TGT | | | PASS |
| v24 - SD 0 Above TGT | C%>UCL | | | PASS |
| v24 - SD 0 Above TGT | C%>USL | | | PASS |
| v24 - SD 0 Above TGT | C%>UWL | | | PASS |
| v24 - SD 0 Above TGT | C%<LCL | | | PASS |
| v24 - SD 0 Above TGT | C%<LSL | | | PASS |
| v24 - SD 0 Above TGT | C%<LWL | | | PASS |
| v24 - SD 0 Above TGT | C%<TGT | | | PASS |
| v24 - SD 0 Above TGT | C%OSL | | | PASS |
| v24 - SD 0 Above TGT | Cn>TGT | | | PASS |
| v24 - SD 0 Above TGT | Cn<UCL | | | PASS |
| v24 - SD 0 Above TGT | Cn>USL | | | PASS |
| v24 - SD 0 Above TGT | Cn>UWL | | | PASS |
| v24 - SD 0 Above TGT | Cn<LCL | | | PASS |
| v24 - SD 0 Above TGT | Cn<LSL | | | PASS |
| v24 - SD 0 Above TGT | Cn<LWL | | | PASS |
| v24 - SD 0 Above TGT | Cn<TGT | | | PASS |
| v24 - SD 0 Above TGT | CnOSL | | | PASS |
| v24 - SD 0 Above TGT | Cppm>TGT | | | PASS |
| v24 - SD 0 Above TGT | Cppm>UCL | | | PASS |
| v24 - SD 0 Above TGT | Cppm>USL | | | PASS |
| v24 - SD 0 Above TGT | Cppm>UWL | | | PASS |
| v24 - SD 0 Above TGT | Cppm<LCL | | | PASS |
| v24 - SD 0 Above TGT | Cppm<LSL | | | PASS |
| v24 - SD 0 Above TGT | Cppm<LWL | | | PASS |
| v24 - SD 0 Above TGT | Cppm<TGT | | | PASS |
| v24 - SD 0 Above TGT | CLWL | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | CUWL | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | Cp | | | PASS |
| v24 - SD 0 Above TGT | Avg-current | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | S-current | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Last Value | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | Avg -3S | 700.09 | 700.09 | PASS |

| | | | | |
|----------------------|-----------|---------|---------|------|
| v24 - SD 0 Above TGT | Avg -4S | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | M | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | O%>TGT | 100 | 100 | PASS |
| v24 - SD 0 Above TGT | O%>UCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%>USL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%>UWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%<LCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%LSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%<LWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%<TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%=TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | O%OSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On>TGT | 100 | 100 | PASS |
| v24 - SD 0 Above TGT | On>UCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On>USL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On>UWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On<LCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On<LSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On<LWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On<TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | On=TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | OnOSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm>TGT | 1000000 | 1000000 | PASS |
| v24 - SD 0 Above TGT | Oppm>UCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm>USL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm>UWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm<LCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm<LSL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm<LWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm<TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Oppm=TGT | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | R-AVG | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | R-LWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | R-UCL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | R-UWL | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Sigma | | | PASS |
| v24 - SD 0 Above TGT | S-mr | 0 | 0 | PASS |
| v24 - SD 0 Above TGT | Sum | 70009 | 70009 | PASS |
| v24 - SD 0 Above TGT | T-Dev | 250.09 | 250.09 | PASS |
| v24 - SD 0 Above TGT | CppmUCI | | | PASS |
| v24 - SD 0 Above TGT | OppmUCI | 29802 | 29802 | PASS |
| v24 - SD 0 Above TGT | Avg +3S | 700.09 | 700.09 | PASS |
| v24 - SD 0 Above TGT | Avg +4S | 700.09 | 700.09 | PASS |
| v25 - SD 0 Equal TGT | N | 100 | 100 | PASS |
| v25 - SD 0 Equal TGT | S-pop | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Max Value | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Avg | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Min Value | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | OppmOSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | CppmOSL | | | PASS |
| v25 - SD 0 Equal TGT | Cr | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Tz | 0 | 0 | PASS |

| | | | | |
|----------------------|-------------|-----|-----|------|
| v25 - SD 0 Equal TGT | Cpk | | | PASS |
| v25 - SD 0 Equal TGT | %CV | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Rule | | | PASS |
| v25 - SD 0 Equal TGT | C%>TGT | | | PASS |
| v25 - SD 0 Equal TGT | C%>UCL | | | PASS |
| v25 - SD 0 Equal TGT | C%>USL | | | PASS |
| v25 - SD 0 Equal TGT | C%>UWL | | | PASS |
| v25 - SD 0 Equal TGT | C%<LCL | | | PASS |
| v25 - SD 0 Equal TGT | C%<LSL | | | PASS |
| v25 - SD 0 Equal TGT | C%<LWL | | | PASS |
| v25 - SD 0 Equal TGT | C%<TGT | | | PASS |
| v25 - SD 0 Equal TGT | C%OSL | | | PASS |
| v25 - SD 0 Equal TGT | Cn>TGT | | | PASS |
| v25 - SD 0 Equal TGT | Cn<UCL | | | PASS |
| v25 - SD 0 Equal TGT | Cn>USL | | | PASS |
| v25 - SD 0 Equal TGT | Cn>UWL | | | PASS |
| v25 - SD 0 Equal TGT | Cn<LCL | | | PASS |
| v25 - SD 0 Equal TGT | Cn<LSL | | | PASS |
| v25 - SD 0 Equal TGT | Cn<LWL | | | PASS |
| v25 - SD 0 Equal TGT | Cn<TGT | | | PASS |
| v25 - SD 0 Equal TGT | CnOSL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm>TGT | | | PASS |
| v25 - SD 0 Equal TGT | Cppm>UCL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm>USL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm>UWL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm<LCL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm<LSL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm<LWL | | | PASS |
| v25 - SD 0 Equal TGT | Cppm<TGT | | | PASS |
| v25 - SD 0 Equal TGT | CLWL | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | CUWL | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Cp | | | PASS |
| v25 - SD 0 Equal TGT | Avg-current | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | S-current | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Last Value | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Avg -3S | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Avg -4S | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | M | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | O%>TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%>UCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%>USL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%>UWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%<LCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%<LSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%<LWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%<TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | O%=TGT | 100 | 100 | PASS |
| v25 - SD 0 Equal TGT | O%OSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On>TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On>UCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On>USL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On>UWL | 0 | 0 | PASS |

| | | | | |
|----------------------|-----------|---------|---------|------|
| v25 - SD 0 Equal TGT | On<LCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On<LSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On<LWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On<TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | On=TGT | 100 | 100 | PASS |
| v25 - SD 0 Equal TGT | OnOSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm>TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm>UCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm>USL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm>UWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm<LCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm<LSL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm<LWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm<TGT | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Oppm=TGT | 1000000 | 1000000 | PASS |
| v25 - SD 0 Equal TGT | R-AVG | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | R-LWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | R-UCL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | R-UWL | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Sigma | | | PASS |
| v25 - SD 0 Equal TGT | S-mr | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | Sum | 45000 | 45000 | PASS |
| v25 - SD 0 Equal TGT | T-Dev | 0 | 0 | PASS |
| v25 - SD 0 Equal TGT | CppmUCI | | | PASS |
| v25 - SD 0 Equal TGT | OppmUCI | 29802 | 29802 | PASS |
| v25 - SD 0 Equal TGT | Avg +3S | 450 | 450 | PASS |
| v25 - SD 0 Equal TGT | Avg +4S | 450 | 450 | PASS |
| v26 - SD 0 Below TGT | N | 100 | 100 | PASS |
| v26 - SD 0 Below TGT | S-pop | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Max Value | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Avg | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Min Value | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | OppmOSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | CppmOSL | | | PASS |
| v26 - SD 0 Below TGT | Cr | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Tz | -1 | -1 | PASS |
| v26 - SD 0 Below TGT | Cpk | | | PASS |
| v26 - SD 0 Below TGT | %CV | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Rule | | | PASS |
| v26 - SD 0 Below TGT | C%>TGT | | | PASS |
| v26 - SD 0 Below TGT | C%>UCL | | | PASS |
| v26 - SD 0 Below TGT | C%>USL | | | PASS |
| v26 - SD 0 Below TGT | C%>UWL | | | PASS |
| v26 - SD 0 Below TGT | C%<LCL | | | PASS |
| v26 - SD 0 Below TGT | C%<LSL | | | PASS |
| v26 - SD 0 Below TGT | C%<LWL | | | PASS |
| v26 - SD 0 Below TGT | C%<TGT | | | PASS |
| v26 - SD 0 Below TGT | C%OSL | | | PASS |
| v26 - SD 0 Below TGT | Cn>TGT | | | PASS |
| v26 - SD 0 Below TGT | Cn<UCL | | | PASS |
| v26 - SD 0 Below TGT | Cn>USL | | | PASS |
| v26 - SD 0 Below TGT | Cn>UWL | | | PASS |

| | | | | |
|----------------------|-------------|---------|---------|------|
| v26 - SD 0 Below TGT | Cn<LCL | | | PASS |
| v26 - SD 0 Below TGT | Cn<LSL | | | PASS |
| v26 - SD 0 Below TGT | Cn<LWL | | | PASS |
| v26 - SD 0 Below TGT | Cn<TGT | | | PASS |
| v26 - SD 0 Below TGT | CnOSL | | | PASS |
| v26 - SD 0 Below TGT | Cppm>TGT | | | PASS |
| v26 - SD 0 Below TGT | Cppm>UCL | | | PASS |
| v26 - SD 0 Below TGT | Cppm>USL | | | PASS |
| v26 - SD 0 Below TGT | Cppm>UWL | | | PASS |
| v26 - SD 0 Below TGT | Cppm<LCL | | | PASS |
| v26 - SD 0 Below TGT | Cppm<LSL | | | PASS |
| v26 - SD 0 Below TGT | Cppm<LWL | | | PASS |
| v26 - SD 0 Below TGT | Cppm<TGT | | | PASS |
| v26 - SD 0 Below TGT | CLWL | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | CUWL | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Cp | | | PASS |
| v26 - SD 0 Below TGT | Avg-current | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | S-current | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Last Value | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Avg -3S | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Avg -4S | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | M | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | O%>TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%>UCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%>USL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%>UWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%<LCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%<LSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%<LWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%<TGT | 100 | 100 | PASS |
| v26 - SD 0 Below TGT | O%=TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | O%OSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On>TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On>UCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On>USL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On>UWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On<LCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On<LSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On<LWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | On<TGT | 100 | 100 | PASS |
| v26 - SD 0 Below TGT | On=TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | OnOSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm>TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm>UCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm>USL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm>UWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm<LCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm<LSL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm<LWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Oppm<TGT | 1000000 | 1000000 | PASS |
| v26 - SD 0 Below TGT | Oppm=TGT | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | R-AVG | 0 | 0 | PASS |

| | | | | |
|----------------------|-----------|---------|---------|------|
| v26 - SD 0 Below TGT | R-LWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | R-UCL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | R-UWL | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Sigma | | | PASS |
| v26 - SD 0 Below TGT | S-mr | 0 | 0 | PASS |
| v26 - SD 0 Below TGT | Sum | 19991 | 19991 | PASS |
| v26 - SD 0 Below TGT | T-Dev | -250.09 | -250.09 | PASS |
| v26 - SD 0 Below TGT | CppmUCI | | | PASS |
| v26 - SD 0 Below TGT | OppmUCI | 29802 | 29802 | PASS |
| v26 - SD 0 Below TGT | Avg +3S | 199.91 | 199.91 | PASS |
| v26 - SD 0 Below TGT | Avg +4S | 199.91 | 199.91 | PASS |
| v27 - SD 0 Equal LCL | N | 100 | 100 | PASS |
| v27 - SD 0 Equal LCL | S-pop | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Max Value | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Avg | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Min Value | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | OppmOSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | CppmOSL | | | PASS |
| v27 - SD 0 Equal LCL | Cr | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Tz | -1 | -1 | PASS |
| v27 - SD 0 Equal LCL | Cpk | | | PASS |
| v27 - SD 0 Equal LCL | %CV | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Rule | | | PASS |
| v27 - SD 0 Equal LCL | C%>TGT | | | PASS |
| v27 - SD 0 Equal LCL | C%>UCL | | | PASS |
| v27 - SD 0 Equal LCL | C%>USL | | | PASS |
| v27 - SD 0 Equal LCL | C%>UWL | | | PASS |
| v27 - SD 0 Equal LCL | C%<LCL | | | PASS |
| v27 - SD 0 Equal LCL | C%<LSL | | | PASS |
| v27 - SD 0 Equal LCL | C%<LWL | | | PASS |
| v27 - SD 0 Equal LCL | C%<TGT | | | PASS |
| v27 - SD 0 Equal LCL | C%OSL | | | PASS |
| v27 - SD 0 Equal LCL | Cn>TGT | | | PASS |
| v27 - SD 0 Equal LCL | Cn<UCL | | | PASS |
| v27 - SD 0 Equal LCL | Cn>USL | | | PASS |
| v27 - SD 0 Equal LCL | Cn>UWL | | | PASS |
| v27 - SD 0 Equal LCL | Cn<LCL | | | PASS |
| v27 - SD 0 Equal LCL | Cn<LSL | | | PASS |
| v27 - SD 0 Equal LCL | Cn<LWL | | | PASS |
| v27 - SD 0 Equal LCL | Cn<TGT | | | PASS |
| v27 - SD 0 Equal LCL | CnOSL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm>TGT | | | PASS |
| v27 - SD 0 Equal LCL | Cppm>UCL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm>USL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm>UWL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm<LCL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm<LSL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm<LWL | | | PASS |
| v27 - SD 0 Equal LCL | Cppm<TGT | | | PASS |
| v27 - SD 0 Equal LCL | CLWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | CUWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Cp | | | PASS |

| | | | | |
|----------------------|-------------|---------|---------|------|
| v27 - SD 0 Equal LCL | Avg-current | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | S-current | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Last Value | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Avg -3S | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Avg -4S | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | M | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%>TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%>UCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%>USL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%>UWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%<LCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%LSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%<LWL | 100 | 100 | PASS |
| v27 - SD 0 Equal LCL | O%<TGT | 100 | 100 | PASS |
| v27 - SD 0 Equal LCL | O%=TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | O%OSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On>TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On>UCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On>USL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On>UWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On<LCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On<LSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | On<LWL | 100 | 100 | PASS |
| v27 - SD 0 Equal LCL | On<TGT | 100 | 100 | PASS |
| v27 - SD 0 Equal LCL | On=TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | OnOSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm>TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm>UCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm>USL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm>UWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm<LCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm<LSL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Oppm<LWL | 1000000 | 1000000 | PASS |
| v27 - SD 0 Equal LCL | Oppm<TGT | 1000000 | 1000000 | PASS |
| v27 - SD 0 Equal LCL | Oppm=TGT | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | R-AVG | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | R-LWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | R-UCL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | R-UWL | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Sigma | | | PASS |
| v27 - SD 0 Equal LCL | S-mr | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Sum | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | T-Dev | -450 | -450 | PASS |
| v27 - SD 0 Equal LCL | CppmUCI | | | PASS |
| v27 - SD 0 Equal LCL | OppmUCI | 29802 | 29802 | PASS |
| v27 - SD 0 Equal LCL | Avg +3S | 0 | 0 | PASS |
| v27 - SD 0 Equal LCL | Avg +4S | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | N | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | S-pop | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Max Value | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Avg | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Min Value | -450 | -450 | PASS |

| | | | | |
|----------------------|-------------|------|------|------|
| v28 - SD 0 Equal LSL | OppmOSL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | CppmOSL | | | PASS |
| v28 - SD 0 Equal LSL | Cr | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Tz | -1 | -1 | PASS |
| v28 - SD 0 Equal LSL | Cpk | | | PASS |
| v28 - SD 0 Equal LSL | %CV | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Rule | | | PASS |
| v28 - SD 0 Equal LSL | C%>TGT | | | PASS |
| v28 - SD 0 Equal LSL | C%>UCL | | | PASS |
| v28 - SD 0 Equal LSL | C%>USL | | | PASS |
| v28 - SD 0 Equal LSL | C%>UWL | | | PASS |
| v28 - SD 0 Equal LSL | C%<LCL | | | PASS |
| v28 - SD 0 Equal LSL | C%<LSL | | | PASS |
| v28 - SD 0 Equal LSL | C%<LWL | | | PASS |
| v28 - SD 0 Equal LSL | C%<TGT | | | PASS |
| v28 - SD 0 Equal LSL | C%OSL | | | PASS |
| v28 - SD 0 Equal LSL | Cn>TGT | | | PASS |
| v28 - SD 0 Equal LSL | Cn<UCL | | | PASS |
| v28 - SD 0 Equal LSL | Cn>USL | | | PASS |
| v28 - SD 0 Equal LSL | Cn>UWL | | | PASS |
| v28 - SD 0 Equal LSL | Cn<LCL | | | PASS |
| v28 - SD 0 Equal LSL | Cn<LSL | | | PASS |
| v28 - SD 0 Equal LSL | Cn<LWL | | | PASS |
| v28 - SD 0 Equal LSL | Cn<TGT | | | PASS |
| v28 - SD 0 Equal LSL | CnOSL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm>TGT | | | PASS |
| v28 - SD 0 Equal LSL | Cppm>UCL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm>USL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm>UWL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm<LCL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm<LSL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm<LWL | | | PASS |
| v28 - SD 0 Equal LSL | Cppm<TGT | | | PASS |
| v28 - SD 0 Equal LSL | CLWL | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | CUWL | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Cp | | | PASS |
| v28 - SD 0 Equal LSL | Avg-current | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | S-current | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Last Value | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Avg -3S | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Avg -4S | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | M | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | O%>TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%>UCL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%>USL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%>UWL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%<LCL | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | O%LSL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%<LWL | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | O%<TGT | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | O%=TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | O%OSL | 0 | 0 | PASS |

| | | | | |
|------------------------|-----------|---------|---------|------|
| v28 - SD 0 Equal LSL | On>TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | On>UCL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | On>USL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | On>UWL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | On<LCL | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | On<LSL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | On<LWL | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | On<TGT | 100 | 100 | PASS |
| v28 - SD 0 Equal LSL | On=TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | OnOSL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm>TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm>UCL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm>USL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm>UWL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm<LCL | 1000000 | 1000000 | PASS |
| v28 - SD 0 Equal LSL | Oppm<LSL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Oppm<LWL | 1000000 | 1000000 | PASS |
| v28 - SD 0 Equal LSL | Oppm<TGT | 1000000 | 1000000 | PASS |
| v28 - SD 0 Equal LSL | Oppm=TGT | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | R-AVG | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | R-LWL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | R-UCL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | R-UWL | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Sigma | | | PASS |
| v28 - SD 0 Equal LSL | S-mr | 0 | 0 | PASS |
| v28 - SD 0 Equal LSL | Sum | -45000 | -45000 | PASS |
| v28 - SD 0 Equal LSL | T-Dev | -900 | -900 | PASS |
| v28 - SD 0 Equal LSL | CppmUCI | | | PASS |
| v28 - SD 0 Equal LSL | OppmUCI | 29802 | 29802 | PASS |
| v28 - SD 0 Equal LSL | Avg +3S | -450 | -450 | PASS |
| v28 - SD 0 Equal LSL | Avg +4S | -450 | -450 | PASS |
| v29 - SD 0 Calc Limits | N | 100 | 100 | PASS |
| v29 - SD 0 Calc Limits | S-pop | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | Max Value | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Avg | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Min Value | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | OppmOSL | | | PASS |
| v29 - SD 0 Calc Limits | CppmOSL | | | PASS |
| v29 - SD 0 Calc Limits | Cr | | | PASS |
| v29 - SD 0 Calc Limits | Tz | | | PASS |
| v29 - SD 0 Calc Limits | Cpk | | | PASS |
| v29 - SD 0 Calc Limits | %CV | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | Rule | | | PASS |
| v29 - SD 0 Calc Limits | C%>TGT | | | PASS |
| v29 - SD 0 Calc Limits | C%>UCL | | | PASS |
| v29 - SD 0 Calc Limits | C%>USL | | | PASS |
| v29 - SD 0 Calc Limits | C%>UWL | | | PASS |
| v29 - SD 0 Calc Limits | C%<LCL | | | PASS |
| v29 - SD 0 Calc Limits | C%<LSL | | | PASS |
| v29 - SD 0 Calc Limits | C%<LWL | | | PASS |
| v29 - SD 0 Calc Limits | C%<TGT | | | PASS |
| v29 - SD 0 Calc Limits | C%OSL | | | PASS |

| | | | | |
|------------------------|-------------|---------|---------|------|
| v29 - SD 0 Calc Limits | Cn>TGT | | | PASS |
| v29 - SD 0 Calc Limits | Cn<UCL | | | PASS |
| v29 - SD 0 Calc Limits | Cn>USL | | | PASS |
| v29 - SD 0 Calc Limits | Cn>UWL | | | PASS |
| v29 - SD 0 Calc Limits | Cn<LCL | | | PASS |
| v29 - SD 0 Calc Limits | Cn<LSL | | | PASS |
| v29 - SD 0 Calc Limits | Cn<LWL | | | PASS |
| v29 - SD 0 Calc Limits | Cn<TGT | | | PASS |
| v29 - SD 0 Calc Limits | CnOSL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm>TGT | | | PASS |
| v29 - SD 0 Calc Limits | Cppm>UCL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm>USL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm>UWL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm<LCL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm<LSL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm<LWL | | | PASS |
| v29 - SD 0 Calc Limits | Cppm<TGT | | | PASS |
| v29 - SD 0 Calc Limits | CLWL | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | CUWL | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Cp | | | PASS |
| v29 - SD 0 Calc Limits | Avg-current | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | S-current | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | Last Value | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Avg -3S | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Avg -4S | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | M | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | O%>TGT | | | PASS |
| v29 - SD 0 Calc Limits | O%>UCL | | | PASS |
| v29 - SD 0 Calc Limits | O%>USL | | | PASS |
| v29 - SD 0 Calc Limits | O%>UWL | | | PASS |
| v29 - SD 0 Calc Limits | O%<LCL | | | PASS |
| v29 - SD 0 Calc Limits | O%<LSL | | | PASS |
| v29 - SD 0 Calc Limits | O%<LWL | | | PASS |
| v29 - SD 0 Calc Limits | O%<TGT | | | PASS |
| v29 - SD 0 Calc Limits | O%=TGT | | | PASS |
| v29 - SD 0 Calc Limits | O%OSL | | | PASS |
| v29 - SD 0 Calc Limits | On>TGT | | | PASS |
| v29 - SD 0 Calc Limits | On>UCL | | | PASS |
| v29 - SD 0 Calc Limits | On>USL | | | PASS |
| v29 - SD 0 Calc Limits | On>UWL | | | PASS |
| v29 - SD 0 Calc Limits | On<LCL | | | PASS |
| v29 - SD 0 Calc Limits | On<LSL | | | PASS |
| v29 - SD 0 Calc Limits | On<LWL | | | PASS |
| v29 - SD 0 Calc Limits | On<TGT | | | PASS |
| v29 - SD 0 Calc Limits | On=TGT | | | PASS |
| v29 - SD 0 Calc Limits | OnOSL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm>TGT | | | PASS |
| v29 - SD 0 Calc Limits | Oppm>UCL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm>USL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm>UWL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm<LCL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm<LSL | | | PASS |

| | | | | |
|------------------------|----------|---------|---------|------|
| v29 - SD 0 Calc Limits | Oppm<LWL | | | PASS |
| v29 - SD 0 Calc Limits | Oppm<TGT | | | PASS |
| v29 - SD 0 Calc Limits | Oppm=TGT | | | PASS |
| v29 - SD 0 Calc Limits | R-AVG | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | R-LWL | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | R-UCL | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | R-UWL | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | Sigma | | | PASS |
| v29 - SD 0 Calc Limits | S-mr | 0 | 0 | PASS |
| v29 - SD 0 Calc Limits | Sum | 149999 | 149999 | PASS |
| v29 - SD 0 Calc Limits | T-Dev | | | PASS |
| v29 - SD 0 Calc Limits | CppmUCI | | | PASS |
| v29 - SD 0 Calc Limits | OppmUCI | | | PASS |
| v29 - SD 0 Calc Limits | Avg +3S | 1499.99 | 1499.99 | PASS |
| v29 - SD 0 Calc Limits | Avg +4S | 1499.99 | 1499.99 | PASS |

Pass: 2376

Fail: 0

Formatting: 0

Known Issues with This Release

QW 5.00.0744 addresses all known issues reported since the last general release with the exception of:

1. Printing charts under Windows ME
2. This version of QW5.0 runs under Asian versions of Windows. However, data entered using the Asian double character set is not supported.

Busitech is choosing to go forward with this release of QW 5 to replace the previous version due to significant advantages of this release. Any outstanding items will be prioritized and scheduled for the next or future release of QW 5.

The purpose of listing any known discrepancies is to ensure that:

1. The customer understands these discrepancies and properly considers them in their application.
2. Busitech has documentation on current versions discrepancies that will be prioritized and scheduled for the next of future release of QW 5.

Performance Qualification –PQ - not applicable or by Customer if needed.

QW 5.0 version 5.00.0744 has been properly tested and checked as per the validation protocol. All results match success criteria. All known issues have been identified and communicated to Busitech technical resources to be resolved by the next release.

Validated by:



Noel Windle
Busitech Validation Leader



Ray St Denis
Busitech Technical Director

We indicate that we have reviewed the information and concur with the indicated decision to consider QW 5.0 version 5.00.0744 IQ/OQ validated.