SQA Metric Items From FPA Spreadsheet - December 2018

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Abstract

Evaulation of various potential matrics, performance indicators from the Excel workbook that Software Quality Assurance collected called First Pass Acceptance. This will only be run for the month of December 2018.

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 $^{^{1}\}mathrm{Date}$ Ran: Wednesday 2^{nd} January, 2019 at 10:52

1 Introduction

The data is processed using R², Version 3.5.1 named "Feather Spray". The only extension (package or library) utilized is lubridate (version 1.7.4) to provide key functionality in the processing of dates.

The data is read into R from a comma seperated value (csv) file which is derived (saved) from the spreadsheet without modification. Additional values are computed as needed.

This report is prepared in the R environment using a collection of packages know as Sweave that included knitr which in turn feeds the package into LATEX 2_{ε} a typeseting program to produce a PDF file. LATEX 2_{ε} in implented in MiTeX. LATEX 2_{ε} is utilizing the following packages to control style and formating:

- datetime and
- multitoc

This will only show a point in time summary and no trends.

2 Data and Calculations

2.1 Data

A seperate data dictionary will be prepared to for both the source data and computed values stored in R.

2.2 Calculations

All calculations presented here have not been implemented in R as formulas.

3 Work Yet to be Completed

3.1 Formula

Some calculations would be better implemented as formulas. The calculations need to be evulated and the formulas developed where needed.

3.2 Trending

Eventually the "System" will be updated to select the data on a for a calander month. After processing the resulots will be stored in a seperate file. This will allow for longer term trending of this data.

3.2.1 Graphs

When "trending" is implented graphs of the trends will also be added.

 $^{^2}$ RStudio is utilized as an IDE

4 Quanity Metrics

4.1 Application supported

This is a list of all application support this period.

Note: Alphabatize the list

```
[1] "R&D Data Management Dashboard"
[2] "WWLIMS"
[3] "QIMS"
[4] "DFCS"
[5] "Clinical Chemistry Excel Spreadsheet for Digital Printing"
[6] "Pulse"
[7] "BioXpert"
[8] "PEAR"
[9] "Acceptance Sampling Plan Generator (ASPG)"
[10] "GDSN/GS1"
[11] "eNovator"
[12] "GS Reports"
[13] "IDA Reporting"
[14] "Metrics Library"
[15] "TODS"
[16] "AFMS"
```

4.2 Number of Projects

[17] "TrendReader"

The total number of projects worked on in this period. This may differ from the application list because some applications may have more than one project in the periond.

[1] 27

4.3 Number of Reviews

This is the number of items reviewed, a document will be counted more than once if it is reviewed more than once.

[1] 193

4.4 Number of Items Reviewed

This is the number of unique items reviewed, each item is only counted once regardless of how many times it is reviewed.

Note: This is reporting low due to certian items having no way to descrimate between such as multiple executions of the same test script or results from an IIVP run on different computers within the same project.

[1] 148

4.5 Number of Projects Started

The point at which a project is started is when version 1 of the *Software Change Request* is approved.

Note: This now counts ML type projects (Metrics Library and GS Reports) using the Project Plan as the point that a project starts.

[1] 4

4.6 Projects Completed

The point at which a project is considered completed is when version 1 of the *System Certification Summary* is approved.

Note: now counts GS (Global Service) Reports Move to Production as the end of project.

[1] 4

4.7 Number Of Deliverables by Type

This is unique for each deliverable. It only counts each document once so a deliverable that is disapproved and then approved is only counted once.

Cancellation	CII
0	3
Data Migration Plan	Data Privacy Plan
0	0
Decommissioning Report	Design Documentation
0	2
Design Verification	ERES
28	2
FRS	IDP
6	1
IIVP	IIVP results
9	6
IIVP Results	ISSD
9	1
Maintenance Plan	Move to Production
2	2
Other	Project Plan
0	3
Release Notes	Risk Assessment
0	2
Software Change Request	Software Compliance Assessment
5	0
System Certification Summary	Test protocol
2	0

Test Protocol Results	Test Protocol
21	33
URS	Traceability
3	7
User Acceptance Protocol	URS/FRS
0	1
Validation Plan	User Acceptance Protocol results
0	0

4.8 Number of Deliverable by Application

This is the number of unique deliverables that each application submitted. Itonly counts each document once, regardless of the status.

```
Abbott Transfusion Medicine
                Acceptance Sampling Plan Generator (ASPG)
                 ADD Shop Floor Paper (SFP) Report System
                                                          0
                                                       AFMS
                                                          2
                           Alinity S Non-LIMS spreadsheets
                                   Alinity Source Verifier
                                                         AMM
                                                          0
                                                  AP 24 CIP
                                                 Apollo/PHM
                                                          0
                                                       ASPG
                                                          0
                                       Assay File Database
                             BioCommand Batch Control Plus
                                                          0
                                                   BioXpert
                                                          3
                                                      CHaRM
                                                          0
Clinical Chemistry Excel Spreadsheet for Digital Printing
                                                          8
                                                    {\tt CMSnext}
                                                          0
```

```
{\tt CMSNext}
      DARA Filler DHM and RU
                      DaVinci
                             0
                         DFCS
                          DPW
                             0
                         EDMS
                             0
                     {\tt eNovator}
                 EP Evaluator
                     GDSN/GS1
                    Groninger
                   GS Reports
                       Helios
Helios Global Contact Center
                IDA Reporting
                    ideaPoint
                             0
                         IRIS
        Knowledge Management
              Metrics Library
                 MQA Protocol
                    Navigator
                             0
                      PCN/SCN
                             0
                         PEAR
                             5
                     Power BI
                             0
```

```
Print on Demand
                           Pulse
                            QIMS
                              42
                             QPI
R&D Data Management Dashboard
               Reliasoft Xfmea
                           RSLMS
                               0
                             SAS
                   {\tt TestComplete}
                            TODS
                              16
                    {\tt TrendReader}
                          WWLIMS
                              16
```

4.9 Number of Approvals, Disapprovals, and First Pass Approvals

A A-FP D 62 77 54

4.10 Table of Deliverables by Application

	Cancellation	CII
Abbott Transfusion Medicine	0	0
Acceptance Sampling Plan Generator (ASPG)	0	0
ADD Shop Floor Paper (SFP) Report System	0	0
AFMS	0	0
Alinity S Non-LIMS spreadsheets	0	0
Alinity Source Verifier	0	0
AMM	0	0
AP 24 CIP	0	0
Apollo/PHM	0	0
ASPG	0	0
Assay File Database	0	0
BioCommand Batch Control Plus	0	0

BioXpert	0	0
CHaRM	0	0
Clinical Chemistry Excel Spreadsheet for Digital Printing		0
CMSnext	0	0
CMSNext	0	0
DARA Filler DHM and RU	0	0
DaVinci	0	0
DFCS	0	0
DPW	0	0
EDMS	0	0
eNovator	0	0
EP Evaluator	0	0
GDSN/GS1	0	0
Groninger	0	0
GS Reports	0	0
Helios	0	0
Helios Global Contact Center	0	0
IDA Reporting	0	0
ideaPoint	0	0
IRIS	0	0
Knowledge Management	0	0
Metrics Library	0	0
MQA Protocol	0	0
Navigator	0	0
PCN/SCN	0	0
PEAR	0	1
Power BI	0	0
Print on Demand	0	0
Pulse	0	0
QIMS	0	2
QPI	0	0
R&D Data Management Dashboard	0	0
Reliasoft Xfmea	0	0
RSLMS	0	0
SAS	0	0
TestComplete	0	0
TODS	0	0
TrendReader	0	0
WWLIMS	0	0
	Doto Mi	D1
Abbott Transfusion Medicine	Data Migration	Pian 0
		0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System		0
AFMS AFMS		0
Alinity S Non-LIMS spreadsheets		0
within a mon rine shreadshears		U

Alinity Source Verifier	0
AMM	0
AP 24 CIP	0
Apollo/PHM	0
ASPG	0
Assay File Database	0
BioCommand Batch Control Plus	0
BioXpert	0
CHarm	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	0
CMSnext	0
CMSNext	0
DARA Filler DHM and RU	0
DaVinci	0
DFCS	0
DPW	0
EDMS	0
eNovator	0
EP Evaluator	0
GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	0
Power BI	0
Print on Demand	0
Pulse	0
QIMS	0
QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	0

	Data Privacy Plan
Abbott Transfusion Medicine	0
Acceptance Sampling Plan Generator (ASPG)	0
ADD Shop Floor Paper (SFP) Report System	0
AFMS	0
Alinity S Non-LIMS spreadsheets	0
Alinity Source Verifier	0
AMM	0
AP 24 CIP	0
Apollo/PHM	0
ASPG	0
Assay File Database	0
BioCommand Batch Control Plus	0
BioXpert	0
CHaRM	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	0
CMSnext	0
CMSNext	0
DARA Filler DHM and RU	0
DaVinci	0
DFCS	0
DPW	0
EDMS	0
eNovator	0
EP Evaluator	0
GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	0
Power BI	0
Print on Demand	0
Pulse	0
QIMS	0
QPI	0
R&D Data Management Dashboard	0

Reliasoft Xfmea		0
RSLMS		0
SAS		0
TestComplete		0
TODS		0
TrendReader		0
WWLIMS		0
	Decommissioning	Report
Abbott Transfusion Medicine		0
Acceptance Sampling Plan Generator (ASPG)		0
ADD Shop Floor Paper (SFP) Report System		0
AFMS		0
Alinity S Non-LIMS spreadsheets		0
Alinity Source Verifier		0
AMM		0
AP 24 CIP		0
Apollo/PHM		0
ASPG		0
Assay File Database		0
BioCommand Batch Control Plus		0
BioXpert		0
CHaRM		0
Clinical Chemistry Excel Spreadsheet for Digital Printing		0
CMSnext		0
CMSNext		0
DARA Filler DHM and RU		0
DaVinci		0
DFCS		0
DPW		0
EDMS		0
eNovator		0
EP Evaluator		0
GDSN/GS1		0
Groninger		0
GS Reports		0
Helios		0
Helios Global Contact Center		0
IDA Reporting		0
ideaPoint		0
IRIS		0
Knowledge Management		0
Metrics Library		0
MQA Protocol		0
Navigator		0
PCN/SCN		0

PEAR)
Power BI	C)
Print on Demand	C)
Pulse)
QIMS)
QPI	C)
R&D Data Management Dashboard	C)
Reliasoft Xfmea	C)
RSLMS)
SAS)
TestComplete)
TODS)
TrendReader)
WWLIMS	C)
	Design Documentation	
Abbott Transfusion Medicine	0	
Acceptance Sampling Plan Generator (ASPG)	0	
ADD Shop Floor Paper (SFP) Report System	0	
AFMS	0	
Alinity S Non-LIMS spreadsheets	0	
Alinity Source Verifier	0	
AMM	0	
AP 24 CIP	0	
Apollo/PHM	0	
ASPG	0	
Assay File Database	0	
BioCommand Batch Control Plus	0	
BioXpert	0	
CHaRM	0	
Clinical Chemistry Excel Spreadsheet for Digital Printing	0	
CMSnext	0	
CMSNext	0	
DARA Filler DHM and RU	0	
DaVinci	0	
DFCS	0	
DPW	0	
EDMS	0	
eNovator	0	
EP Evaluator	0	
GDSN/GS1	0	
Groninger	0	
GS Reports	0	
Helios	0	
Helios Global Contact Center	0	
IDA Reporting	0	

ideaPoint	(
IRIS	(
Knowledge Management	(
Metrics Library	1
MQA Protocol	(
Navigator	(
PCN/SCN	(
PEAR	(
Power BI	(
Print on Demand	(
Pulse	(
QIMS	(
QPI	(
R&D Data Management Dashboard	1
Reliasoft Xfmea	(
RSLMS	(
SAS	(
TestComplete	(
TODS	(
TrendReader	(
WWLIMS	(
	Design Verification
Abbott Transfusion Medicine	^
	0
Acceptance Sampling Plan Generator (ASPG)	0
	0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS	0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets	0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS	0 0 0 0
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Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP	0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM	0 0 0 0 0 0
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Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database	0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus	0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert	0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM	0 0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing	0 0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext	0 0 0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext	
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext DARA Filler DHM and RU	
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext DARA Filler DHM and RU DaVinci	
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext DARA Filler DHM and RU DaVinci DFCS	0 0 0 0 0 0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext DARA Filler DHM and RU DaVinci DFCS DPW	0 0 0 0 0 0 0 0 0 0 0 0 0 0
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier AMM AP 24 CIP Apollo/PHM ASPG Assay File Database BioCommand Batch Control Plus BioXpert CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing CMSnext CMSNext DARA Filler DHM and RU DaVinci DFCS	0 0 0 0 0 0 0 0 0 0 0 0 0

EP Evaluator				0
GDSN/GS1				0
Groninger				0
GS Reports				0
Helios				0
Helios Global Contact Center				0
IDA Reporting				0
ideaPoint				0
IRIS				0
Knowledge Management				0
Metrics Library				0
MQA Protocol				0
·				
Navigator				0
PCN/SCN				0
PEAR				1
Power BI				0
Print on Demand				0
Pulse				0
QIMS				0
QPI				0
R&D Data Management Dashboard				1
Reliasoft Xfmea				0
RSLMS				0
SAS				0
TestComplete				0
TODS				16
TrendReader				0
WWLIMS				1
	ERES	${\tt FRS}$	IDP	IIVP
Abbott Transfusion Medicine	0	0	0	0
Acceptance Sampling Plan Generator (ASPG)	0	0	0	0
ADD Shop Floor Paper (SFP) Report System	0	0	0	0
AFMS	0	1	0	0
Alinity S Non-LIMS spreadsheets	0	0	0	0
Alinity Source Verifier	0	0	0	0
AMM	0	0	0	0
AP 24 CIP	0	0	0	0
Apollo/PHM	0	0	0	0
ASPG	0	0	0	0
Assay File Database	0	0	0	0
BioCommand Batch Control Plus	0	0	0	0
	1	0	0	0
BioXpert CHaRM	0	0	0	0
	-			
Clinical Chemistry Excel Spreadsheet for Digital Printing	0	0	0	2
CMSnext	0	0	0	0

CMSNext	0	0	0	0
DARA Filler DHM and RU	0	0	0	0
DaVinci	0	0	0	0
DFCS	0	0	0	0
DPW	0	0	0	0
EDMS	0	0	0	0
eNovator	0	0	0	3
EP Evaluator	0	0	0	0
GDSN/GS1	0	0	1	0
Groninger	0	0	0	0
GS Reports	0	0	0	0
Helios	0	0	0	0
Helios Global Contact Center	0	0	0	0
IDA Reporting	0	0	0	0
ideaPoint	0	0	0	0
IRIS	0	0	0	0
Knowledge Management	0	0	0	0
Metrics Library	0	0	0	0
MQA Protocol	0	0	0	0
Navigator	0	0	0	0
PCN/SCN	0	0	0	0
PEAR	0	0	0	1
Power BI	0	0	0	0
Print on Demand	0	0	0	0
Pulse	0	0	0	0
QIMS	0	1	0	3
QPI	0	0	0	0
R&D Data Management Dashboard	1	0	0	0
Reliasoft Xfmea	0	0	0	0
RSLMS	0	0	0	0
SAS	0	0	0	0
TestComplete	0	0	0	0
TODS	0	0	0	0
TrendReader	0	0	0	0
WWLIMS	0	4	0	0
	TTVD	200 G 11	1+4	
Abbott Transfusion Medicine	IIVP	resu	0	
Acceptance Sampling Plan Generator (ASPG)			0	
ADD Shop Floor Paper (SFP) Report System			0	
AFMS			0	
Alinity S Non-LIMS spreadsheets			0	
Alinity Source Verifier			0	
AMM			0	
AP 24 CIP			0	
Apollo/PHM			0	
-				

ASPG	0	
Assay File Database	0	
BioCommand Batch Control Plus	0	
BioXpert	0	
CHaRM	0	
Clinical Chemistry Excel Spreadsheet for Digital Printing	1	
CMSnext	0	
CMSNext	0	
DARA Filler DHM and RU	0	
DaVinci	0	
DFCS	0	
DPW	0	
EDMS	0	
eNovator	0	
EP Evaluator	0	
GDSN/GS1	0	
Groninger	0	
GS Reports	0	
Helios	0	
Helios Global Contact Center	0	
IDA Reporting	0	
ideaPoint	0	
IRIS	0	
Knowledge Management	0	
Metrics Library	0	
MQA Protocol	0	
Navigator	0	
PCN/SCN	0	
PEAR	1	
Power BI	0	
Print on Demand	0	
Pulse	0	
QIMS	4	
QPI	0	
R&D Data Management Dashboard	0	
Reliasoft Xfmea	0	
RSLMS	0	
SAS	0	
TestComplete	0	
TODS	0	
TrendReader	0	
WWLIMS	0	
	IIVP Results	TGGD
Abbott Transfusion Medicine	0	0
TODOGO ITARISTASION MEGATOTHE	U	U

Acceptance Sampling Plan Generator (ASPG)

ADD Shop Floor Paper (SFP) Report System	0	0
AFMS	0	0
Alinity S Non-LIMS spreadsheets	0	0
Alinity Source Verifier	0	0
AMM	0	0
AP 24 CIP	0	0
Apollo/PHM	0	0
ASPG	0	0
Assay File Database	0	0
BioCommand Batch Control Plus	0	0
BioXpert	0	0
CHaRM	0	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	0	0
CMSnext	0	0
CMSNext	0	0
DARA Filler DHM and RU	0	0
DaVinci	0	0
DFCS	0	0
DPW	0	0
EDMS	0	0
eNovator	4	0
EP Evaluator	0	0
GDSN/GS1	1	1
Groninger	0	0
GS Reports	0	0
Helios	0	0
Helios Global Contact Center	0	0
IDA Reporting	0	0
ideaPoint	0	0
IRIS	0	0
Knowledge Management	0	0
Metrics Library	0	0
MQA Protocol	0	0
Navigator	0	0
PCN/SCN	0	0
PEAR	0	0
Power BI	0	0
Print on Demand	0	0
Pulse	0	0
QIMS	0	0
QPI	0	0
R&D Data Management Dashboard	0	0
Reliasoft Xfmea	0	0
RSLMS	0	0
SAS To at Compilation	0	0
TestComplete	0	0

TUDS		U	Ü
TrendReader		4	0
WWLIMS		0	0
	Maintenance	P1	an
Abbott Transfusion Medicine			0
Acceptance Sampling Plan Generator (ASPG)			0
ADD Shop Floor Paper (SFP) Report System			0
AFMS			0
Alinity S Non-LIMS spreadsheets			0
Alinity Source Verifier			0
AMM			0
AP 24 CIP			0
Apollo/PHM			0
ASPG			0
Assay File Database			0
BioCommand Batch Control Plus			0
			0
BioXpert CHaRM			0
Clinical Chemistry Excel Spreadsheet for Digital Printing			1
CMSnext			0
CMSNext			0
DARA Filler DHM and RU			0
DaVinci			0
DFCS			0
DPW			0
EDMS			0
eNovator			1
EP Evaluator			0
GDSN/GS1			0
Groninger			0
GS Reports			0
Helios			0
Helios Global Contact Center			0
IDA Reporting			0
ideaPoint			0
IRIS			0
Knowledge Management			0
Metrics Library			0
MQA Protocol			0
Navigator			0
PCN/SCN			0
PEAR			0
Power BI			0
Print on Demand			0
Pulse			0

TODS

QIMS QPI R&D Data Management Dashboard Reliasoft Xfmea RSLMS SAS TestComplete TODS TrendReader			0 0 0 0 0 0
WWLIMS			0
Abbott Transfusion Medicine Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System AFMS Alinity S Non-LIMS spreadsheets Alinity Source Verifier	Move	to	Production 0 0 0 0 0 0 0 0 0 0
AMM			0
AP 24 CIP			0
Apollo/PHM ASPG			0
Assay File Database			0
BioCommand Batch Control Plus			0
BioXpert			0
CHaRM			0
Clinical Chemistry Excel Spreadsheet for Digital Printing			0
CMSnext			0
CMSNext			0
DARA Filler DHM and RU			0
DaVinci			0
DFCS			0
DPW			0
EDMS			0
eNovator			0
EP Evaluator			0
GDSN/GS1			0
Groninger			0
GS Reports Helios			2
Helios Global Contact Center			0
IDA Reporting			0
ideaPoint			0
IRIS			0
Knowledge Management			0
Matrics Library			0

MQA Protocol Navigator PCN/SCN PEAR Power BI Print on Demand Pulse QIMS QPI R&D Data Management Dashboard Reliasoft Xfmea RSLMS SAS TestComplete TODS TrendReader WWLIMS			
	O+hor	Project	Dlan
Abbott Transfusion Medicine	Orner	Project	0
Acceptance Sampling Plan Generator (ASPG)	0		1
ADD Shop Floor Paper (SFP) Report System	0		0
AFMS	0		0
Alinity S Non-LIMS spreadsheets	0		0
Alinity Source Verifier	0		0
AMM	0		0
AP 24 CIP	0		0
Apollo/PHM	0		0
ASPG	0		0
Assay File Database	0		0
BioCommand Batch Control Plus	0		0
BioXpert	0		0
CHaRM Clinical Chemistry Excel Spreadsheet for Digital Printing	0		0
CMSnext	0		0
CMSNext	0		0
DARA Filler DHM and RU	0		0
DaVinci	0		0
DFCS	0		0
DPW	0		0
EDMS	0		0
eNovator	0		0
EP Evaluator	0		0
GDSN/GS1	0		0
Groninger GS Reports	0		0 1
an richot co	U		1

Helios	0	0
Helios Global Contact Center	0	0
IDA Reporting	0	1
ideaPoint	0	0
IRIS	0	0
Knowledge Management	0	0
Metrics Library	0	0
MQA Protocol	0	0
Navigator	0	0
PCN/SCN	0	0
PEAR	0	0
Power BI	0	0
Print on Demand	0	0
Pulse	0	0
QIMS	0	0
QPI	0	0
R&D Data Management Dashboard	0	0
Reliasoft Xfmea	0	0
RSLMS	0	0
SAS	0	0
TestComplete	0	0
TODS	0	0
TrendReader	0	0
WWLIMS	0	0

Release Notes Abbott Transfusion Medicine Acceptance Sampling Plan Generator (ASPG) 0 ADD Shop Floor Paper (SFP) Report System 0 0 0 Alinity S Non-LIMS spreadsheets Alinity Source Verifier 0 AMM 0 AP 24 CIP 0 0 Apollo/PHM ASPG 0 Assay File Database 0 BioCommand Batch Control Plus 0 ${\tt BioXpert}$ 0 0 ${\tt CHaRM}$ Clinical Chemistry Excel Spreadsheet for Digital Printing 0 0 ${\tt CMSnext}$ CMSNext 0 DARA Filler DHM and RU 0 DaVinci 0 DFCS 0

DPW		0
EDMS		0
eNovator		0
EP Evaluator		0
GDSN/GS1		0
Groninger		0
GS Reports		0
Helios		0
Helios Global Contact Center		0
IDA Reporting		0
ideaPoint		0
IRIS		0
Knowledge Management		0
Metrics Library		0
MQA Protocol		0
Navigator		0
PCN/SCN		0
PEAR		0
Power BI		0
Print on Demand		0
Pulse		0
QIMS		0
QPI		0
R&D Data Management Dashboard		0
Reliasoft Xfmea		0
RSLMS		0
SAS		0
TestComplete		0
TODS		0
TrendReader		0
WWLIMS		0
WWEITID		O
	Rick	Assessment
Abbott Transfusion Medicine	ILLDK	0
Acceptance Sampling Plan Generator (ASPG)		0
ADD Shop Floor Paper (SFP) Report System		0
AFMS		0
Alinity S Non-LIMS spreadsheets		0
Alinity Source Verifier		0
AMM		0
AP 24 CIP		0
Apollo/PHM		0
ASPG		0
Assay File Database		0
BioCommand Batch Control Plus		0
BioXpert		1

CHaRM	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	g 0
CMSnext	0
CMSNext	0
DARA Filler DHM and RU	0
DaVinci	0
DFCS	0
DPW	0
EDMS	0
eNovator	0
EP Evaluator	0
GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	0
Power BI	0
Print on Demand	0
Pulse	1
QIMS	0
QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	0
	Software Change Request
Abbott Transfusion Medicine	0
Acceptance Sampling Plan Generator (ASPG)	0
ADD Shop Floor Paper (SFP) Report System	0
APMO	•

AFMS

Alinity S Non-LIMS spreadsheets

Alinity Source Verifier

AMM	0
AP 24 CIP	0
Apollo/PHM	0
ASPG	0
Assay File Database	0
BioCommand Batch Control Plus	0
BioXpert	1
CHaRM	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	1
CMSnext	0
CMSNext	0
DARA Filler DHM and RU	0
DaVinci	0
DFCS	0
DPW	0
EDMS	0
eNovator	2
EP Evaluator	0
GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	0
Power BI	0
Print on Demand	0
Pulse	0
QIMS	1
QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	0

Software Compliance Assessment

	portware combinance	Appeapment
Abbott Transfusion Medicine		0
Acceptance Sampling Plan Generator (ASPG)		0
ADD Shop Floor Paper (SFP) Report System		0
AFMS		0
Alinity S Non-LIMS spreadsheets		0
Alinity Source Verifier		0
AMM		0
AP 24 CIP		0
Apollo/PHM		0
ASPG		0
Assay File Database		0
BioCommand Batch Control Plus		0
BioXpert		0
CHaRM		0
Clinical Chemistry Excel Spreadsheet for Digital Printing		0
CMSnext		0
CMSNext		0
DARA Filler DHM and RU		0
DaVinci		0
DFCS		0
DPW		0
EDMS		0
eNovator		0
EP Evaluator		0
GDSN/GS1		0
Groninger		0
GS Reports		0
Helios		0
Helios Global Contact Center		0
IDA Reporting		0
ideaPoint		0
IRIS		0
Knowledge Management		0
Metrics Library		0
MQA Protocol		0
Navigator		0
PCN/SCN		0
PEAR		0
Power BI		0
Print on Demand		0
Pulse		0
QIMS		0
QPI		0
R&D Data Management Dashboard		0
Reliasoft Xfmea		0

RSLMS	(0
SAS	(0
TestComplete	(0
TODS	(0
TrendReader	(0
WWLIMS	(0
System Certification	Summary	
Abbott Transfusion Medicine	0	
Acceptance Sampling Plan Generator (ASPG)	0	
ADD Shop Floor Paper (SFP) Report System	0	
AFMS	0	
Alinity S Non-LIMS spreadsheets	0	
Alinity Source Verifier	0	
AMM	0	
AP 24 CIP	0	
Apollo/PHM	0	
ASPG	0	
Assay File Database	0	
BioCommand Batch Control Plus	0	
BioXpert	0	
CHaRM	0	
Clinical Chemistry Excel Spreadsheet for Digital Printing	0	
CMSnext	0	
CMSNext	0	
DARA Filler DHM and RU	0	
DaVinci	0	
DFCS	0	
DPW	0	
EDMS	0	
eNovator	2	
EP Evaluator	0	
GDSN/GS1	0	
Groninger	0	
GS Reports	0	
Helios	0	
Helios Global Contact Center	0	
IDA Reporting	0	
ideaPoint	0	
IRIS	0	
Knowledge Management	0	
Metrics Library	0	
MQA Protocol	0	
Navigator	0	
PCN/SCN	0	
PEAR	0	

Power BI		
Print on Demand		
Pulse		
QIMS		
QPI		
R&D Data Management Dashboard		
Reliasoft Xfmea		
RSLMS		
SAS		
TestComplete		
TODS		
TrendReader		
WWLIMS		
	Test	protocol
Abbott Transfusion Medicine		0
Acceptance Sampling Plan Generator (ASPG)		0
ADD Shop Floor Paper (SFP) Report System		0
AFMS		0
Alinity S Non-LIMS spreadsheets		0
Alinity Source Verifier		0
AMM		0
AP 24 CIP		0
Apollo/PHM		0
ASPG		0
Assay File Database		0
BioCommand Batch Control Plus		0
BioXpert		0
CHaRM		0
Clinical Chemistry Excel Spreadsheet for Digital Printing		0
CMSnext		0
CMSNext		0
DARA Filler DHM and RU		0
DaVinci		0
DFCS		0
DPW		0
EDMS		0
eNovator		0
EP Evaluator		0
GDSN/GS1		0
Groninger		0
GS Reports		0
Helios		0
Helios Global Contact Center		0

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IRIS		0
Knowledge Management		0
Metrics Library		0
MQA Protocol		0
Navigator		0
PCN/SCN		0
PEAR		0
Power BI		0
Print on Demand		0
Pulse		0
QIMS		0
QPI		0
R&D Data Management Dashboard		0
Reliasoft Xfmea		0
RSLMS		0
SAS		0
TestComplete		0
TODS		0
TrendReader		0
WWLIMS		0
	Test	Protocol
Abbott Transfusion Medicine		0
Acceptance Sampling Plan Generator (ASPG)		0
ADD Shop Floor Paper (SFP) Report System		0
AFMS		0
Alinity S Non-LIMS spreadsheets		0
Alinity Source Verifier		0
AMM		0
AP 24 CIP		0
Apollo/PHM		0
ASPG		0
Assay File Database		0
BioCommand Batch Control Plus		0
BioXpert		0
CHaRM		0
Clinical Chemistry Excel Spreadsheet for Digital Printing		2
CMSnext		0
CMSNext		0
DARA Filler DHM and RU		0
DaVinci		0
DFCS		0
DPW		0
EDMS		0
eNovator		4
EP Evaluator		0

GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	1
Power BI	0
Print on Demand	0
Pulse	0
QIMS	15
QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	11

Test Protocol Results

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DARA Filler DHM and RU DaVinci DFCS DPW EDMS eNovator EP Evaluator GDSN/GS1 Groninger GS Reports Helios Helios Global Contact Center IDA Reporting ideaPoint IRIS Knowledge Management Metrics Library MQA Protocol Navigator PCN/SCN PEAR Power BI Print on Demand Pulse QIMS QPI R&D Data Management Dashboard Reliasoft Xfmea RSLMS SAS TestComplete TODS		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TrendReader WWLIMS		0
WWITHD		O
	Traceability URS	
Abbott Transfusion Medicine	0 0	
Acceptance Sampling Plan Generator (ASPG) ADD Shop Floor Paper (SFP) Report System	0 1 0 0	
AFMS	0 0	
Alinity S Non-LIMS spreadsheets	0 0	
Alinity Source Verifier	0 0	
AMM	0 0	
AP 24 CIP	0 0	
Apollo/PHM	0 0	
ASPG	0 0	

Assay File Database		0	0
BioCommand Batch Control Plus		0	0
BioXpert		0	0
CHaRM		0	0
Clinical Chemistry Excel Spreadsheet for Digital Printing		1	0
CMSnext		0	0
CMSNext		0	0
DARA Filler DHM and RU		0	0
DaVinci		0	0
DFCS		0	0
DPW		0	0
EDMS		0	0
eNovator		2	0
EP Evaluator		0	0
GDSN/GS1		1	1
Groninger		0	0
GS Reports		0	0
Helios		0	0
Helios Global Contact Center		0	0
IDA Reporting		0	0
ideaPoint		0	0
IRIS		0	0
Knowledge Management		0	0
Metrics Library		0	0
MQA Protocol		0	0
Navigator		0	0
PCN/SCN		0	0
PEAR		0	0
Power BI		0	0
Print on Demand		0	0
Pulse		0	0
QIMS		3	0
QPI		0	0
R&D Data Management Dashboard		0	0
Reliasoft Xfmea		0	0
RSLMS		0	0
SAS Taget Complete		0	0
TestComplete TODS		0	0
TrendReader		0	0
WWLIMS		0	0
MMPTIID		U	U
	URS/FRS		
Abbott Transfusion Medicine	0		

AFMS	0
Alinity S Non-LIMS spreadsheets	0
Alinity Source Verifier	0
AMM	0
AP 24 CIP	0
Apollo/PHM	0
ASPG	0
Assay File Database	0
BioCommand Batch Control Plus	0
BioXpert	0
CHaRM	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	0
CMSnext	0
CMSNext	0
DARA Filler DHM and RU	0
DaVinci	0
DFCS	0
DPW	0
EDMS	0
eNovator	0
EP Evaluator	0
GDSN/GS1	0
Groninger	0
GS Reports	0
Helios	0
Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR BY	0
Power BI	0
Print on Demand	0
Pulse	
QIMS QPI	0
•	0 1
R&D Data Management Dashboard Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
	•

TrendReader 0 WWLIMS 0

User Acceptance Protocol Abbott Transfusion Medicine Acceptance Sampling Plan Generator (ASPG) 0 ADD Shop Floor Paper (SFP) Report System 0 AFMS 0 Alinity S Non-LIMS spreadsheets 0 Alinity Source Verifier 0 AMM 0 AP 24 CIP 0 Apollo/PHM 0 0 ASPG 0 Assay File Database BioCommand Batch Control Plus 0 0 BioXpert CHaRM0 Clinical Chemistry Excel Spreadsheet for Digital Printing 0 0 ${\tt CMSnext}$ 0 CMSNext DARA Filler DHM and RU 0 DaVinci 0 **DFCS** 0 DPW 0 **EDMS** 0 eNovator 0 EP Evaluator 0 GDSN/GS1 0 0 Groninger GS Reports 0 Helios 0 Helios Global Contact Center 0 0 IDA Reporting ideaPoint0 0 IRIS 0 Knowledge Management Metrics Library 0 MQA Protocol 0 Navigator 0 PCN/SCN 0 PEAR 0 Power BI 0 Print on Demand 0 Pulse 0 QIMS 0

QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	0
Albert Terrestories Medicine	User Acceptance Protocol r
Abbott Transfusion Medicine	

results

Abbott Iransiusion Medicine
Acceptance Sampling Plan Generator (ASPG)
ADD Shop Floor Paper (SFP) Report System
AFMS
Alinity S Non-LIMS spreadsheets
Alinity Source Verifier
AMM
AP 24 CIP
Apollo/PHM
ASPG
Assay File Database
BioCommand Batch Control Plus
BioXpert
CHaRM
Clinical Chemistry Excel Spreadsheet for Digital Printing
CMSnext
CMSNext
DARA Filler DHM and RU
DaVinci
DFCS
DPW
EDMS
eNovator
EP Evaluator
GDSN/GS1
Groninger
GS Reports
Helios
Helios Global Contact Center

IDA Reporting ideaPoint IRIS

MQA Protocol

Knowledge Management Metrics Library

Navigator
PCN/SCN
PEAR
Power BI
Print on Demand
Pulse
QIMS
QPI
R&D Data Management Dashboard
Reliasoft Xfmea
RSLMS
SAS
TestComplete
TODS
TrendReader
WWLIMS

Validation Plan Abbott Transfusion Medicine Acceptance Sampling Plan Generator (ASPG) 0 ADD Shop Floor Paper (SFP) Report System 0 AFMS 0 Alinity S Non-LIMS spreadsheets 0 Alinity Source Verifier 0 AMM 0 AP 24 CIP 0 Apollo/PHM 0 ASPG 0 Assay File Database 0 BioCommand Batch Control Plus 0 ${\tt BioXpert}$ 0 CHaRM0 Clinical Chemistry Excel Spreadsheet for Digital Printing 0 CMSnext0 ${\tt CMSNext}$ 0 DARA Filler DHM and RU 0 DaVinci 0 **DFCS** 0 DPW 0 **EDMS** 0 eNovator 0 EP Evaluator 0 GDSN/GS1 0 Groninger 0 GS Reports 0 Helios 0

Helios Global Contact Center	0
IDA Reporting	0
ideaPoint	0
IRIS	0
Knowledge Management	0
Metrics Library	0
MQA Protocol	0
Navigator	0
PCN/SCN	0
PEAR	0
Power BI	0
Print on Demand	0
Pulse	0
QIMS	0
QPI	0
R&D Data Management Dashboard	0
Reliasoft Xfmea	0
RSLMS	0
SAS	0
TestComplete	0
TODS	0
TrendReader	0
WWLIMS	0

4.11 Table of Rejection Reasons

Inaccurate information	Incorrect Approvers
15	6
Incorrect Objective Evidence	Incorrect scope
6	1
Insufficient testing	Insufficient traceability
1	0
N/A	Not compliant with procedure
1	5
Not following configuration management	Not following document version control
0	0
Not using template	other
2	1
Other	Requirement deficiency
11	1

4.12 Defects Verses Application

	Inaccurate information
Acceptance Sampling Plan Generator (ASPG)	0
AFMS	0

BioXpert Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS WWLIMS			1 4 0 4 1 4 0 0
Acceptance Sampling Plan Generator (ASPG) AFMS BioXpert	Incorrect	Approvers 2 0 0	
Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1	;	1 0 0 0	
QIMS R&D Data Management Dashboard TODS WWLIMS		3 0 0	
	Incorrect	Objective	Evidence
Acceptance Sampling Plan Generator (ASPG) AFMS BioXpert Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS WWLIMS	;		0 0 0 0 0 0 0 6 0

TODS WWLIMS			0	
WMFTLID			0	
Assessment Grand Line Division Community (AGDG)	Inst	ıfficient	testi	
Acceptance Sampling Plan Generator (ASPG) AFMS				0
BioXpert				0
Clinical Chemistry Excel Spreadsheet for Digital Printing				1
DFCS				0
eNovator				0
GDSN/GS1				0
QIMS				0
R&D Data Management Dashboard				0
TODS				0
WWLIMS				0
	Insi	ıfficient	tracea	ability
Acceptance Sampling Plan Generator (ASPG)				0
AFMS				0
BioXpert				0
Clinical Chemistry Excel Spreadsheet for Digital Printing				0
DFCS				0
eNovator				0
GDSN/GS1				0
QIMS				0
R&D Data Management Dashboard TODS				0
WWLIMS				0
MMFTLID				U
	N/A			
Acceptance Sampling Plan Generator (ASPG)	0			
AFMS	0			
BioXpert	0			
Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS	0			
eNovator	0			
GDSN/GS1	0			
QIMS	1			
R&D Data Management Dashboard	0			
TODS	0			
WWLIMS	0			
	Not	compliant	. with	procedure
Acceptance Sampling Plan Generator (ASPG)	1400	Compitant	2 M T OII	procedure 0
AFMS				0

BioXpert

Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS WWLIMS	0 0 4 0 0 0 1 0 0
Acceptance Sampling Plan Generator (ASPG) AFMS BioXpert Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS WWLIMS	Not following configuration mana
Acceptance Sampling Plan Generator (ASPG) AFMS BioXpert Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS WWLIMS	Not following document version o
Acceptance Sampling Plan Generator (ASPG) AFMS BioXpert Clinical Chemistry Excel Spreadsheet for Digital Printing DFCS eNovator GDSN/GS1 QIMS R&D Data Management Dashboard TODS	Not using template

WWLIMS

	other	Other
Acceptance Sampling Plan Generator (ASPG)	0	0
AFMS	0	0
BioXpert	0	0
Clinical Chemistry Excel Spreadsheet for Digital Printing	0	0
DFCS	0	1
eNovator	1	2
GDSN/GS1	0	0
QIMS	0	0
R&D Data Management Dashboard	0	0
TODS	0	8
WWLIMS	0	0

Requirement deficiency Acceptance Sampling Plan Generator (ASPG) 0 AFMS 1 0 ${\tt BioXpert}$ Clinical Chemistry Excel Spreadsheet for Digital Printing 0 DFCS 0 eNovator GDSN/GS1 0 QIMS 0 R&D Data Management Dashboard 0 TODS 0 WWLIMS 0

4.13 Defects Verses Deliverable

Inaccurate	information	Incorrect	Approvers
	0		0
	0		1
	3		0
	0		1
	1		0
	0		1
	2		1
	0		0
	4		0
	1		1
	3		0
	0		1
	Inaccurate	0 0 3 0 1 0 2 0 4	0 1 0 2 0 4 1

	Inco	rrect	Obje	ective	Evidence	Incorrect	scope
Design Verification			3		0		0
FRS					0		0
IIVP					0		0
IIVP results					0		0
ISSD					0		0
Project Plan					0		0
Software Change Request					0		1
System Certification Summary					0		0
Test Protocol					0		0
Test Protocol Results					6		0
Traceability					0		0
URS					0		0
	Tngi	ıffici	nt t	tastino	r Insuffi	cient trace	ahilitw
Design Verification	11150	1111016	5116 () (cient trace	0
FRS)		0
IIVP)		0
IIVP results)		0
ISSD				()		0
Project Plan				()		0
Software Change Request				()		0
System Certification Summary				()		0
Test Protocol				1	L		0
Test Protocol Results				()		0
Traceability				()		0
URS				()		0
	NI / A	Not co	omn] -	iant	ith proced	duro	
Design Verification	0	NOC CO	шрт	iani wi	rui proced	1	
FRS	0					0	
IIVP	0					0	
IIVP results	0					0	
ISSD	0					0	
Project Plan	0					0	
Software Change Request	0					4	
System Certification Summary	0					0	
Test Protocol	0					0	
Test Protocol Results	1					0	
Traceability	0					0	
URS	0					0	
	Mo+	folls-	.i.~	confi	minotion -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Dogian Varification	NOT	TOTTO	итиg	CONTI	guration i	management	
Design Verification FRS						0	

IIVP IIVP results ISSD Project Plan Software Change Request System Certification Summary Test Protocol Test Protocol Results Traceability URS					0 0 0 0 0 0 0 0
Dogian Varification	Not following	document	versi	ion	_
Design Verification FRS					0
IIVP					0
IIVP results					0
ISSD					0
Project Plan					0
Software Change Request					0
System Certification Summary Test Protocol					0
Test Protocol Results					0
Traceability					0
URS					0
	Not arion town	.]	O+1		
Design Verification	Not using temp	orate otr 0	er uti 0	ner 9	
FRS		0	0	0	
IIVP		0	0	1	
IIVP results		0	0	0	
ISSD		0	0	0	
Project Plan		0	0	0	
Software Change Request		0	0		
System Certification Summary Test Protocol		0 1	1 0		
Test Protocol Results		1	0	0	
Traceability		0	0	1	
URS		0	0	0	
Dogian Varification	Requirement de	-			
Design Verification FRS		(
IIVP		(
IIVP results		(
ISSD		()		
Project Plan		()		

Software Change Request	0
System Certification Summary	0
Test Protocol	0
Test Protocol Results	0
Traceability	0
URS	0

4.14 Rejection Reason by Deliverable

Design Verification	FRS
10	2
IIVP	IIVP results
4	1
ISSD	Project Plan
1	1
Software Change Request	System Certification Summary
9	2
Test Protocol	Test Protocol Results
8	11
Traceability	URS
4	1

4.15 Number of Rejections by Project

```
Acceptance Sampling Plan Generator (ASPG)
                                                      AFMS
                                                  BioXpert
Clinical Chemistry Excel Spreadsheet for Digital Printing
                                                      DFCS
                                                         1
                                                  eNovator
                                                        15
                                                  GDSN/GS1
                                                         1
                                                      QIMS
                                                        17
                            R&D Data Management Dashboard
                                                         1
                                                      TODS
                                                         8
                                                    WWLIMS
                                                         1
```

5 Rate Metrics

5.1 Document Approval Rate

This is portion of documents that are approved upon review.

It is computed by counting the number of approvals devided that by the total number of reviews.

[1] 0.7098446

5.2 First Pass Acceptance

this is the portion of documents that are approved on the first review conducted by SQA.

It is computed by counting the number of first pass approvals devided by the number of reviews.

[1] 0.3989637