

QualityWindow
The continuous improvement software




Using the Excel worksheet import utility QW XL to QW

*“Turn your existing Excel data into powerful
QW5 Applications, in seconds”*

QWXLtoQW - Utility Overview

- The tool is designed to:
 - Create a QW5 application on the fly
 - Making the data available for analysis using QW5 charting tools
 - Fast track the development of QW5 applications
 - Import the data
 - Preview in QW5
 - Apply limits – specification, control and target values
 - Save as a new application ready to use.
- Let's take a closer look.

QWXLtoQW - Utility Overview

- Requirements:
 - The Excel worksheet must be organized in columns and rows
 - MS Excel must be open with the spreadsheet before start QWXLtoQW
- The QWXLtoQW utility can be found:
 - In the program directory where QW5 was installed
 - Typically Program Files (X86) / Busitech/QW50
 - Also available through the QW5 Launch utility if installed
 - System tray – look for the QW5 logo and right click 

QWXLtoQW - Import Utility Overview

- Step one
 - Open the MS Excel worksheet of data you wish to import

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Date	Time	Shift	Team	Team_Lead	Batch_Nur	Batch_Vis	Conveyor	Oven_Ter	Weight_Le	Weight_Le	Weight_Le	Weight_Av	Weight_Ri	Weight_Pr
2	2016-03-10	08:14:28	7:30A TO 10-A TEAM	FRED	1285		839	140	357	6.1	6.5	4.8	5.8	1.7	5.8
3	2016-03-10	09:14:40	7:30A TO 10-A TEAM	FRED	1285			141	357	6.1	6.5	4.8	5.8	1.7	5.8
4	2016-03-10	10:15:24	7:30A TO 10-A TEAM	FRED	1285		896	143	377	6.7	6.1	7	6.6	0.9	6.6
5	2016-03-10	11:15:44	7:30A TO 10-A TEAM	FRED	1285			139	319	6	7.2	5.9	6.4	1.3	6.4
6	2016-03-10	12:16:03	7:30A TO 10-A TEAM	FRED	1285		943	141	400	6	3.9	5.1	5	2.1	5
7	2016-03-10	13:16:23	7:30A TO 10-A TEAM	FRED	1286			142	404	5.9	6	8.4	6.8	2.5	6.8
8	2016-03-10	14:16:44	7:30A TO 10-A TEAM	FRED	1286		919	139	408	5.9	4.8	7.5	6.1	2.7	6.1
9	2016-03-10	15:17:04	7:30A TO 10-A TEAM	FRED	1286			140	366	6	5.8	5.1	5.6	0.9	5.6
10	2016-03-10	16:17:22	3:30P TO 40-D TEAM	JOHN	1286		910	141	377	5.6	6.3	5.7	5.9	0.7	5.9
11	2016-03-10	17:17:42	3:30P TO 40-D TEAM	JOHN	1287			138	410	5.4	6	5.9	5.8	0.6	5.8
12	2016-03-10	18:18:02	3:30P TO 40-D TEAM	JOHN	1287		906	136	289	5.9	6.6	6.4	6.3	0.7	6.3
13	2016-03-10	19:18:22	3:30P TO 40-D TEAM	JOHN	1288			139	397	6.2	5.9	5.9	6	0.3	6
14	2016-03-10	20:18:42	3:30P TO 40-D TEAM	JOHN	1288		865	140	405	5.3	6.2	6	5.8	0.9	5.8
15	2016-03-10	21:19:00	3:30P TO 40-D TEAM	JOHN	1288			141	394	6.1	6.1	4.5	5.6	1.6	5.6
16	2016-03-10	22:19:20	3:30P TO 40-D TEAM	JOHN	1289		912	139	399	6.7	5.8	5.8	6.1	0.9	6.1
17	2016-03-10	23:14:42	3:30P TO 40-D TEAM	JOHN	1289			140	374	6.2	8	7.2	7.1	1.8	7.1
18	2016-03-11	00:14:02	11:30P TO 20-B TEAM	LAURIE	1289		946	141	388	7.9	7.8	5.9	7.2	2	7.2
19	2016-03-11	01:15:20	11:30P TO 20-B TEAM	LAURIE	1290			138	402	6	6.1	5.8	6	0.3	6
20	2016-03-11	02:15:39	11:30P TO 20-B TEAM	LAURIE	1290		876	139	236	6.1	6.2	4.8	5.7	1.4	5.7
21	2016-03-11	03:14:59	11:30P TO 20-B TEAM	LAURIE	1291			140	393	5.8	6	6	5.9	0.2	5.9
22	2016-03-11	04:18:19	11:30P TO 20-B TEAM	LAURIE	1292		881	142	409	6.2	6.8	6.4	6.5	0.6	6.5
23	2016-03-11	05:19:39	11:30P TO 20-B TEAM	LAURIE	1293			143	388	6	5.4	6	5.8	0.6	5.8
24	2016-03-11	06:21:59	11:30P TO 20-B TEAM	LAURIE	1293		887	141	413	6.5	5.9	6.8	6.4	0.9	6.4
25	2016-03-11	07:22:18	11:30P TO 20-B TEAM	LAURIE	1293			141	348	6	6.2	6	6.1	0.2	6.1
26	2016-03-11	08:22:39	7:30A TO 10-A TEAM	FRED	1293		827	141	496	2.9	6.4	5.9	5.1	3.5	5.1
27	2016-03-11	09:23:00	7:30A TO 10-A TEAM	FRED	1294			137	490	5.4	6.4	6.3	6	1	6
28	2016-03-11	10:13:18	7:30A TO 10-A TEAM	FRED	1294		895	141	356	6	6.1	6	6	0.1	6
29	2016-03-11	11:13:38	7:30A TO 10-A TEAM	FRED	1295			139	390	5.7	7	5.8	6.2	1.3	6.2
30	2016-03-11	12:15:58	7:30A TO 10-A TEAM	FRED	1295		934	137	398	5	6.4	6	5.8	1.4	5.8
31	2016-03-11	13:17:18	7:30A TO 10-A TEAM	FRED	1296			139	374	4.4	5.9	5.1	5.1	1.5	5.1
32	2016-03-11	14:14:37	7:30A TO 10-A TEAM	FRED	1296		912	137	392	6.9	6.1	5.4	6.1	1.5	6.1

QWXLtoQW - Import Utility Overview

- Step 2 Open QWXLtoQW
 - Your Excel data will appear

The screenshot displays the 'QW 5 - Excel to QW Importer' application window. The main area contains a table with the following data:

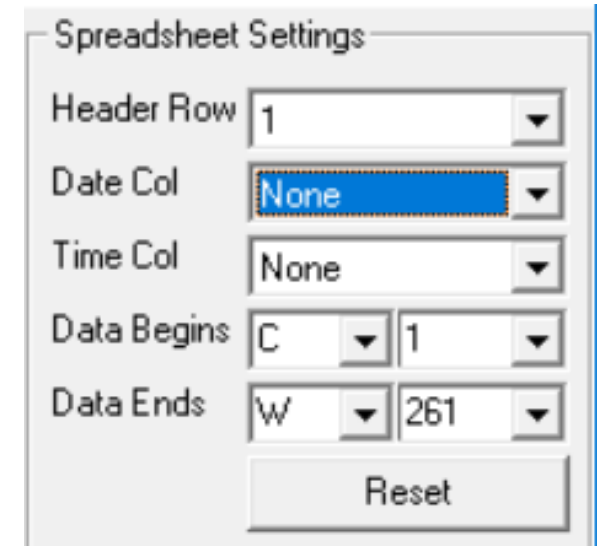
	Auto Date	Auto Time	C Shift	D Team	E Team_Leader	Batch
1	2018-06-26	14:03:51	Shift	Team	Team_Leader	Batch
2	2018-06-26	14:03:52	7:30A TO 3:30P	10-A TEAM	FRED	
3	2018-06-26	14:03:53	7:30A TO 3:30P	10-A TEAM	FRED	
4	2018-06-26	14:03:54	7:30A TO 3:30P	10-A TEAM	FRED	
5	2018-06-26	14:03:55	7:30A TO 3:30P	10-A TEAM	FRED	
6	2018-06-26	14:03:56	7:30A TO 3:30P	10-A TEAM	FRED	
7	2018-06-26	14:03:57	7:30A TO 3:30P	10-A TEAM	FRED	
8	2018-06-26	14:03:58	7:30A TO 3:30P	10-A TEAM	FRED	
9	2018-06-26	14:03:59	7:30A TO 3:30P	10-A TEAM	FRED	
10	2018-06-26	14:04:00	3:30P TO 11:30P	40-D TEAM	JOHN	
11	2018-06-26	14:04:01	3:30P TO 11:30P	40-D TEAM	JOHN	
12	2018-06-26	14:04:02	3:30P TO 11:30P	40-D TEAM	JOHN	
13	2018-06-26	14:04:03	3:30P TO 11:30P	40-D TEAM	JOHN	
14	2018-06-26	14:04:04	3:30P TO 11:30P	40-D TEAM	JOHN	
15	2018-06-26	14:04:05	3:30P TO 11:30P	40-D TEAM	JOHN	
16	2018-06-26	14:04:06	3:30P TO 11:30P	40-D TEAM	JOHN	
17	2018-06-26	14:04:07	3:30P TO 11:30P	40-D TEAM	JOHN	
18	2018-06-26	14:04:08	11:30P TO 7:30A	20-B TEAM	LAURIE	
19	2018-06-26	14:04:09	11:30P TO 7:30A	20-B TEAM	LAURIE	
20	2018-06-26	14:04:10	11:30P TO 7:30A	20-B TEAM	LAURIE	
21	2018-06-26	14:04:11	11:30P TO 7:30A	20-B TEAM	LAURIE	
22	2018-06-26	14:04:12	11:30P TO 7:30A	20-B TEAM	LAURIE	
23	2018-06-26	14:04:13	11:30P TO 7:30A	20-B TEAM	LAURIE	

The right-hand side of the window features a 'Spreadsheet Settings' panel with the following options:

- Header Row: 1
- Date Col: None
- Time Col: None
- Data Begins: C, 1
- Data Ends: W, 261
- Buttons: Preview in Quality Window, Save as ..., Save then Go To QW Admin, Save then Go To QW, Append to Existing QWT

QWXLtoQW - Import Utility Overview

- Step 3 - Make adjustments as needed
 1. Select Header row(s)
 2. Date and Time columns
 - If the data has no dates or times leave it set to none and the utility will assign them.
 3. Set the starting and ending columns and rows



The image shows a 'Spreadsheet Settings' dialog box with the following fields and values:

Header Row	1
Date Col	None
Time Col	None
Data Begins	C 1
Data Ends	W 261

There is a 'Reset' button at the bottom of the dialog.

QWXLtoQW - Import Utility Overview

- Step 4 – Start reviewing your data in QW5
 - Select Preview in Quality Window

QW 5.0.819 - Export from Process Monitoring.xls(Export)

File Edit Update Options Macros Help

Open Views Filter Zoom Refresh Print Var Info Var Help Range On Help

v3 - Shift

Date	Time	Shift	Team	Team Leader	Batch Number	Batch Viscosity	Conveyor Speed fpm	Oven Temp F	Weight Lane 1 gm	Weight Lane 2 gm	Weight Lane 3 gm	Weight Averag of 3
		v3	v4	v5	v6	v7	v8	v9	v10	v11	v12	v13
2016-03-20	00:00:00	3:30P TO 11:30P	30-C TEAM	RAY	1347	912	125	405	5.3	6.2	6.0	5
2016-03-20	00:00:00	3:30P TO 11:30P	30-C TEAM	RAY	1347		158	394	6.1	6.1	4.5	5
2016-03-20	00:00:00	3:30P TO 11:30P	30-C TEAM	RAY	1348	899	133	399	6.7	5.8	5.8	6
2016-03-20	00:00:00	3:30P TO 11:30P	30-C TEAM	RAY	1348		149	374	6.2	8.0	7.2	7
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1348	747	145	388	7.9	7.8	5.9	7
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1348		135	402	6.0	6.1	5.8	6
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1349	1007	156	236	6.1	6.2	4.8	5
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1349		140	393	5.8	6.0	6.0	5
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1349	901	158	409	6.2	6.8	6.4	6
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1349		173	412	6.0	5.4	6.0	5
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1350	907	201	413	6.5	5.9	6.8	6
2016-03-21	00:00:00	11:30P TO 7:30A	10-A TEAM	FRED	1350		179	419	8.1	6.2	6.0	6

Functions

Preview in Quality Window

Save as ...

Save then Go To QW Admin

Save then Go To QW

Append to Existing QWT

QWXLtoQW - Import Utility Overview

- At this point you have options

You can:

- Explore the data using QW5
- Quit...the data will not be saved
- Save the data as a new QW 5 application
- Save and go to QWAdmin
 - To make changes the application
 - Set limits
 - Add or remove variables
- Even append to an existing QW5 application
 - Both applications must have the same structure
 - In date and time sequence



QWXLtoQW - Import Utility Overview

- QWAdmin – application maintenance tool
 - Set the limits for variables
 - That determines the colour of the data on the Logsheet and charts
 - Add, move, change or delete variables

Review the QWAdmin video tutorial on the Busitech Website for more information on using the QWAdmin tool.

<http://busitech.com/help-and-support/eschool/>

QualityWindow
The continuous improvement software



Thank you for viewing this presentation

**For more information on
the Quality Window Suite of products
please visit our website**

www.Busitech.com