

BW - MiniTab_VB (Core workbook)

Basic Information

BW Server	WBP
Application	QM - Quality Management
Query Name	BW - MiniTab_VB (Core workbook)
Query Technical Name	BW_WBK_QM_0017
Core/Specific Scope	Core
Specific Reason	
Provider Name	MVQM01
Usage type	Direct execution from Analysis as interface for MiniTab
Expected users	Quality Manager, Quality Lab. Manager, Process Manager

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Purpose of this query

This report display detailed results by material, with usage decision or by shipments. Detailed analysis by characteristic / material is possible
Result can be transfer to **Minitab** tool for statistical purpose

Variables screen

On BW :

Variable Name	Authorization Object	Description
Plant	Yes	
Date of lot creation	No	For select a period, change "=" to "[]"

Choice of material

Product

Name	Nbr Batch
TIXOSIL 38AB	11
TIXOSIL 38X	5
TIXOSIL 43	21
TIXOSIL 63	26
TIXOSIL 68	1
TIXOSIL 68S	2
TIXOSIL 73	6
ZEOSIL 1085	4
ZEOSIL 1085 GR	11
ZEOSIL 1165MP	213
ZEOSIL 165GR	1
ZEOSIL PREMIUM 200MP	63
	0

Material

Name	Code	Nbr Batch
☐ SILICA Z1165MP FOR PACK. BULK	84120	9
☐ ZEOSIL 1165MP BB 700 KG / PLAST PAL	101445	1
☐ ZEOSIL 1165MP BB 700 KG / WOOD PAL	55271	13
☐ ZEOSIL 1165MP BB 750KG / PLAST PAL	121520	1
☐ ZEOSIL 1165MP BB 800 KG / PLAST PAL	107272	6
☐ ZEOSIL 1165MP BB 800 KG / WOOD PAL	107270	16
☒ ZEOSIL 1165MP BULK	11830	168
☐ ZEOSIL 1165MP PAL 600KG SAC EXP. 25KG	11818	1

Characteristic

Name	Code	Nbr results
☐ Fd/produit transfert	0151/IP000024	8
☐ H2O LECO/produit transfert	0151/IP000026	19
☐ PAF/bac ato	0151/IP000039	12
☐ PAF/déliteur 1	0151/IP000040	11
☐ PAF/déliteur 2	0151/IP000041	11
☐ PAF/produit transfert	0151/IP000043	6
☒ pH/bac ato	0151/IP000051	21
☐ PH/déliteur 1	0151/IP000052	20
☐ PH/déliteur 2	0151/IP000053	22

Number of selected characteristics : 1 Uncheck

The following characteristics appear several times with different names.

☐ Grouping by code

Minitab export

Cancel

3/ Select :

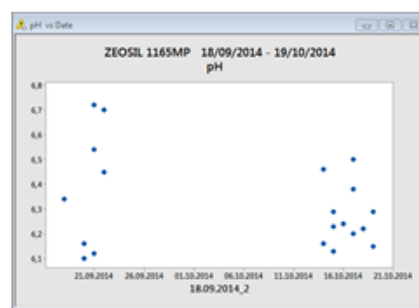
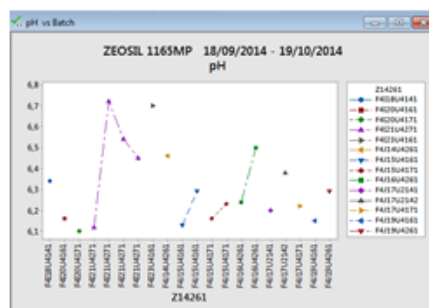
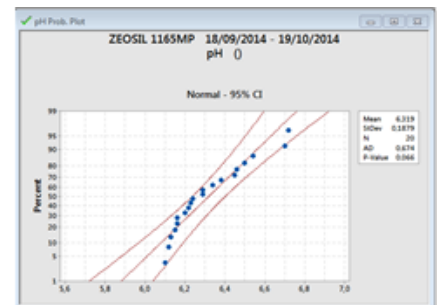
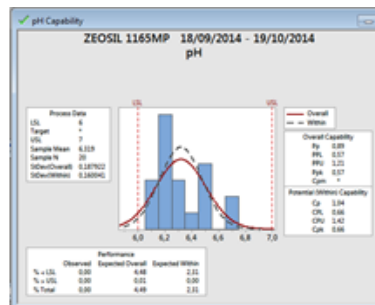
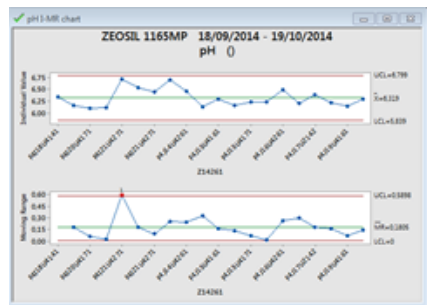
- Product
- Materials
- Characteristic

4/ Click on "Minitab export"

Remark : you are limited to 39 characteristics.

5/ You can follow the progress of the extraction at the bottom of the screen

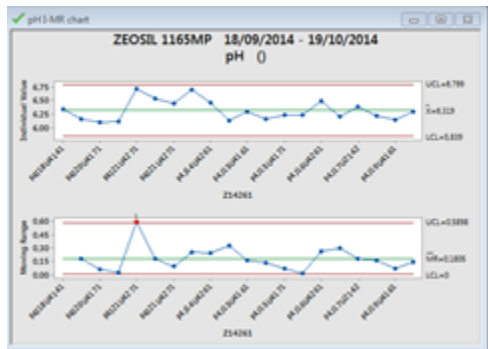
6/ MiniTab will open automatically  . You'll get 5 graphs



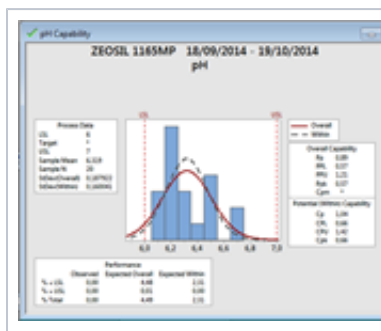
Glossary of statistical data

I-MR Chart

- Individual Value = Control Chart
- Moving range = interval between 2 values

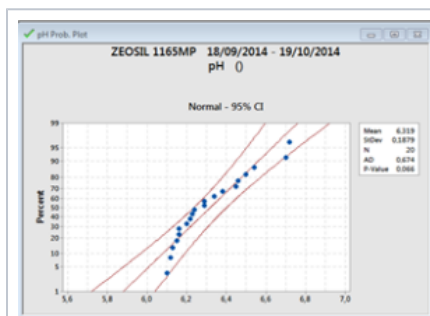


Capability indices



Cp	Potential level of performance that your process obtain, if all special causes were eliminated. ($> 1,33$)
Pp	Actual capability of your process, or how your process is actually performing relative to the specification limits. ($> 1,33$)
CPL	Measures how close the process mean is running to the lower specification limit.
CPU	Measures how close the process mean is running to the upper specification limit.
Cpk	Equals the lesser of CPU and CPL.

Probability Plot



Points	Estimated percentiles for corresponding probabilities of an ordered data set.
Middle lines	The expected percentile from the distribution based on maximum likelihood parameter estimates. If the distribution is a good fit for the data, the points are close to the middle line.
Left lines and right lines	Formed by connecting the lower bounds of the confidence intervals for the percentiles. Similarly, the right line is formed by connecting the upper bounds of the confidence intervals for the percentiles. If a distribution is a good fit, the points fall within these bounds.
Anderson-Darling test statistics with corresponding p-values	Use to assess whether your data follow the specified distribution.

FAQ

Waiting too long to extract data ?

Try to restrict data extraction at the first request by entering more information on the prompt.