Q2/2016: ZEISS Industrial Metrology Newsletter
CALYPSO Tips and Tricks

Compiling Measuring Reports of Multiple Runs into a Single Text File Which Can Be Imported to Database

CALYPSO has a built-in feature to export measuring reports to a tabular text that can be imported to a database / statistics application or an Excel application.

The **"Merge"** option within this export, enables multiple runs to be compiled into a one single file.
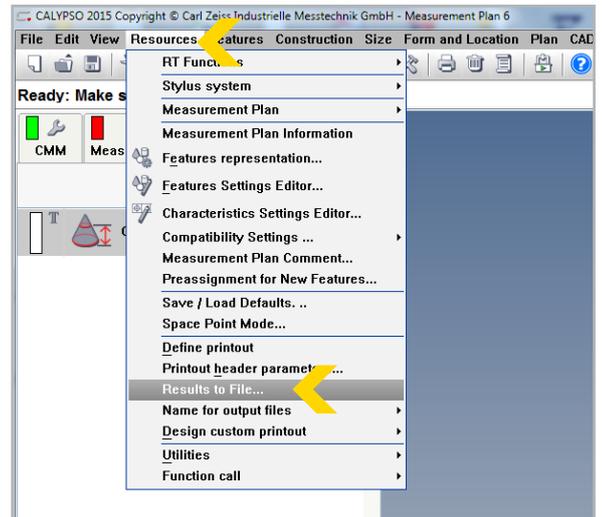
This can then be used to import into a database application or a statistical analysis application, or simply use an Excel macro to automate a desired template for process evaluations or collective analysis. **How you benefit: you save time for other important things.**

The Steps

Step 1:
Within the Measuring Plan, select Results to Table file
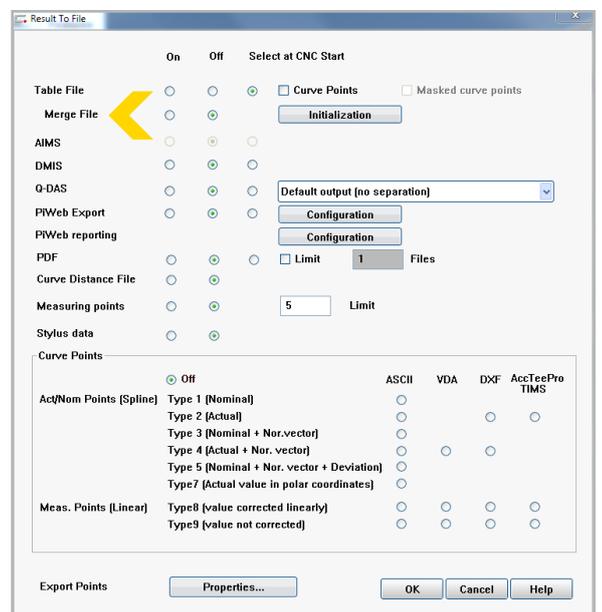
Resources Tab > Results to File

Step 2:
Activate Table File – **Option 1: Always On**

or

Option 2: Select at CNC Start

As shown on the right, select the appropriate options.

Activate **Merge** if the requirement is to consolidate batch measuring run reports into one single file for process analysis or to export into a statistical program evaluation software.
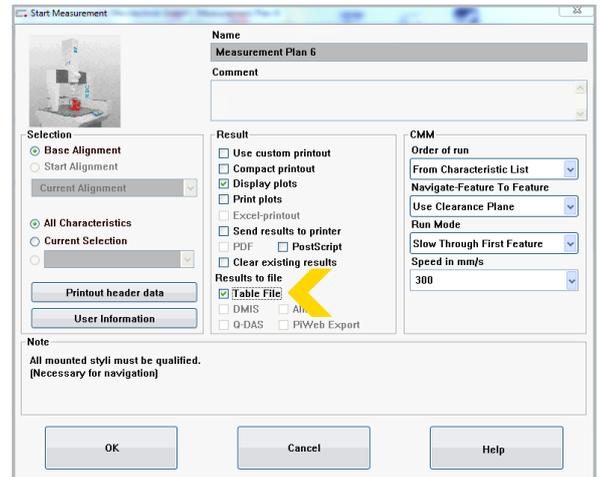
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Step 3:
If you have selected the option to start a tabular export in the CNC Run:

Within the measuring run window, **enable / check** the **Table File** option as shown on the right.

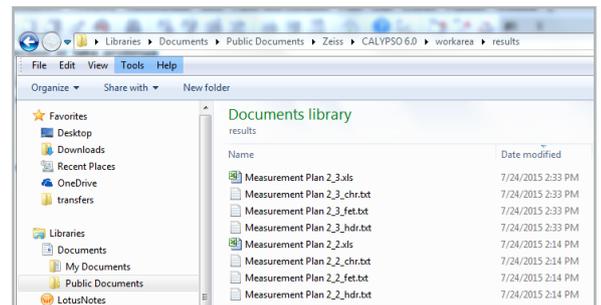This will activate the tabular text export for this measuring plan whenever you run it.

Step 4:
The generated text files get stored into the default folder:

Public Documents -> ZEISS -> CALYPSO x.x -> workarea -> results
(New CALYPSO versions from 5.6 and above) as shown on the right.

\ZEISS\CALYPSO\Home\om\workarea\results
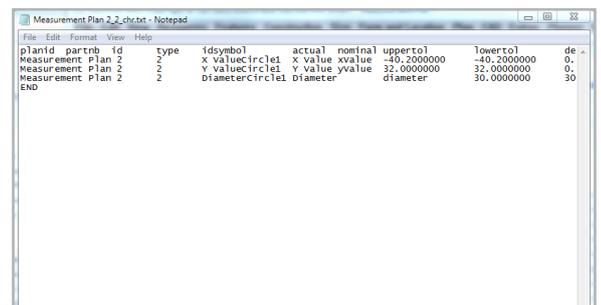*(CALYPSO older versions from 5.4 and lower)*

Step 5:
Select the file **XXXXXXXXXXXXXX_chr.txt**
This will contain the measuring results.

In case you have selected the merge option, there will be a file named **merge.chr**

This file can now be used into an import function of a database software, statistical software or Excel. The structure of the text file looks as shown.

Compiling Measuring Reports of Multiple Runs into a Single Text File Which Can Be Imported to Database

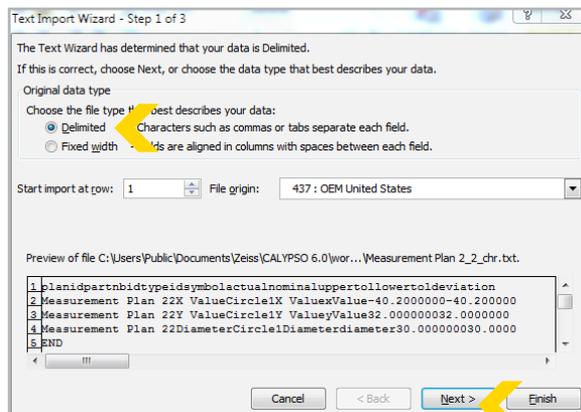**Steps to Import the Tabulated File Into Excel**

Step 1:
Launch Excel and under File:
Open > **XXXXXXXXXXXXXX_chr.txt** file

The Excel import wizard will automatically open as shown on the right.
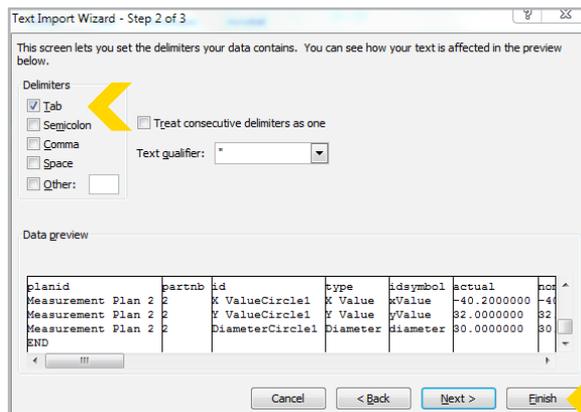
Select **Delimited.**

Select **Next.**

Step 2:
Under **Delimiters**, select and enable **Tab**.
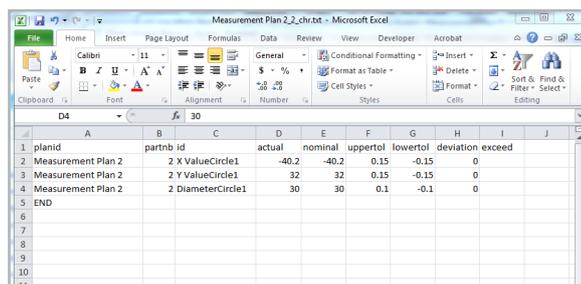
Select **Finish.**

Step 3:
The resulting file gets imported to an Excel worksheet.
Delete or keep necessary columns and finalize the file.

(A macro can easily be created to automate the process and compile the results into a run chart type format. Similarly the file can be imported easily to statistical programs or database programs.)

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