Excel to Metrel ESM file converter

Welcome!

This tool will help you convert your data in a .xlsx (Excel) file format to Metrel .padfx file format. You can then easily edit and/or view your data using the Metrel ES Manager or Metrel SDK software.

Continue

Excel to Metrel ESM file converter instructions

METREL ®

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1   Dashboard screen

Wizard

General Settings

Number of lines to skip from top	:	0
Work scope 1st level	:	Safety of Electrical Equipment I
Work scope 2nd level	:	PAT (new instruments)

Structure objects Settings

>_ Node ⊞

Structure object type:
Node

Row Settings

Structure object type	:	Appliance_FD

Parameter links

Parameter	:	Appliance ID
Column letter	:	A
Allow null or empty	:	False
Column type	:	Text

Add new...

Load configuration   Save configuration

Select an excel file and start conversion

Figure 1 Dashboard screen of web service wizard - fixed part

General Settings	
Enables basic settings for creation of .padfx files.	
Number of lines to skip from top	Defines how many lines in the excel file will be skipped (starting, line 1).
Work scope 1st level	Defines the master and child Work scope for created .padfx file. Correct Work scope must be selected in order to enable files transfer to the desired instrument.
Work scope 2nd level	
Structure objects Settings	
Enables the creation of a basic structure, where the structural elements with relevant data will be imported.	
Structure object type	Enables selection of corresponding structural elements for the relevant structural level.
Row Settings	
Enables to define data structure from excel file, to be linked to the corresponding parameters of the selected structural element.	
Parameter links	
Each configuration is corresponding to relevant column from source excel file.	
Parameter	Enables selection of parameter linked to the corresponding structural element. Each parameter can be linked only to one column letter in the source excel file.
Column letter	Defines the column in the source excel file.
Allow null or empty	Defines criteria for specific cell. <u>True</u> = allows empty cells in specific column. <u>False</u> = forbids empty cells in specific column.
Column type	Defines criteria for specific cell. <u>Text</u> = cell data can contain letters, numbers, and special characters such as ! or &. <u>Date & time</u> = cell data shall be in following format *dd.mm.yyyy hh:mm:ss*.
Add new…	Allows adding of the set parameters to the list.
Load configuration	Enables to load user configuration from file.
Save configuration	Enables to save set configuration to file.
Select an excel file and start conversion	Enables selection of source excel file, conversion to .padfx is started automatically if no exceptions are found.

Figure 2 Dashboard screen of web service wizard - user defined part

	A field with user-set parameters, each section defines its own column in excel.
	Allows removal of specific section.

2   Importing example

First prepare the excel file, put the data into the correct format. Data shall be arranged in columns, all cells except dates shall be categorized as General. Cells containing dates shall be categorized as Date and formatted as *dd.mm.yyyy*.
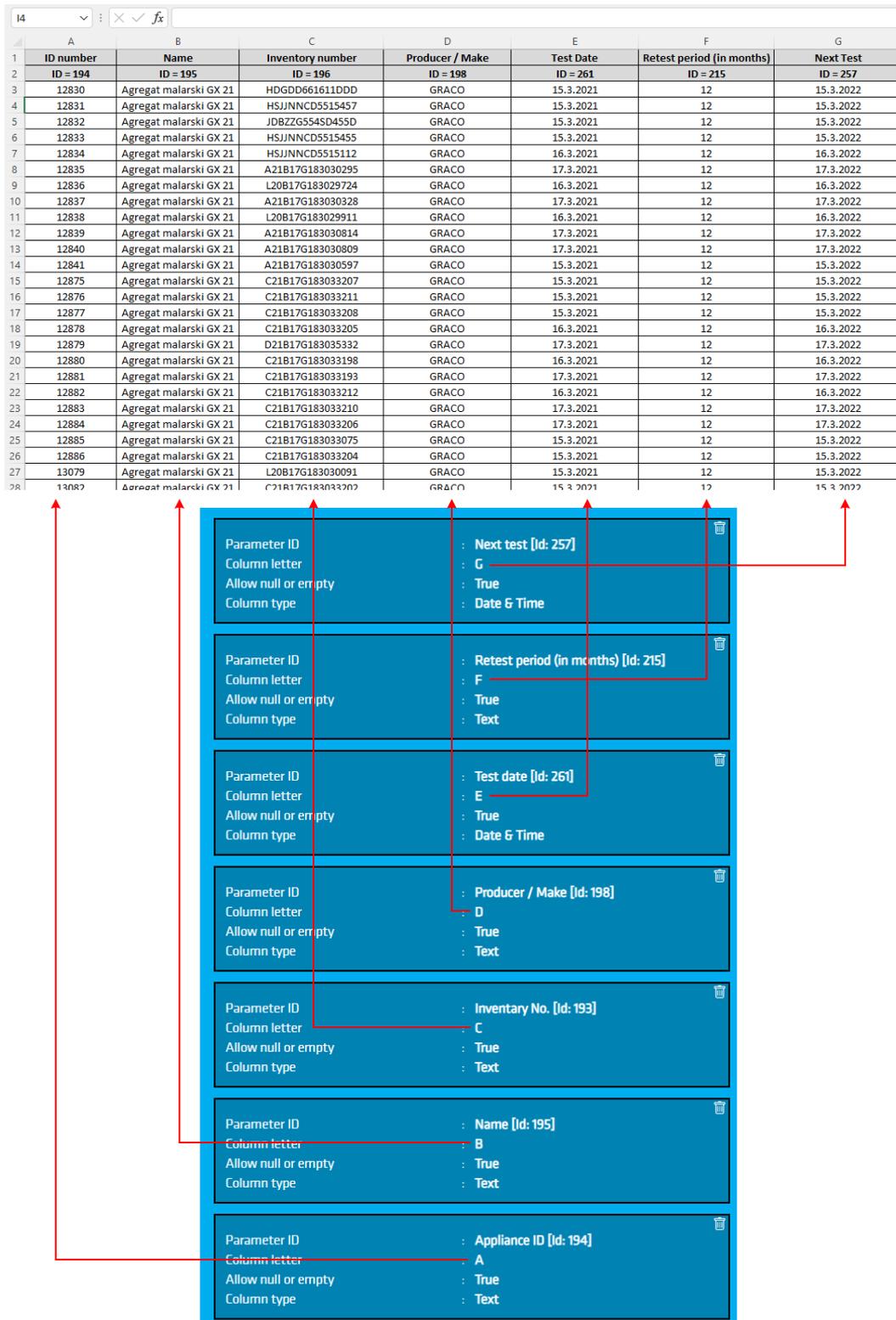

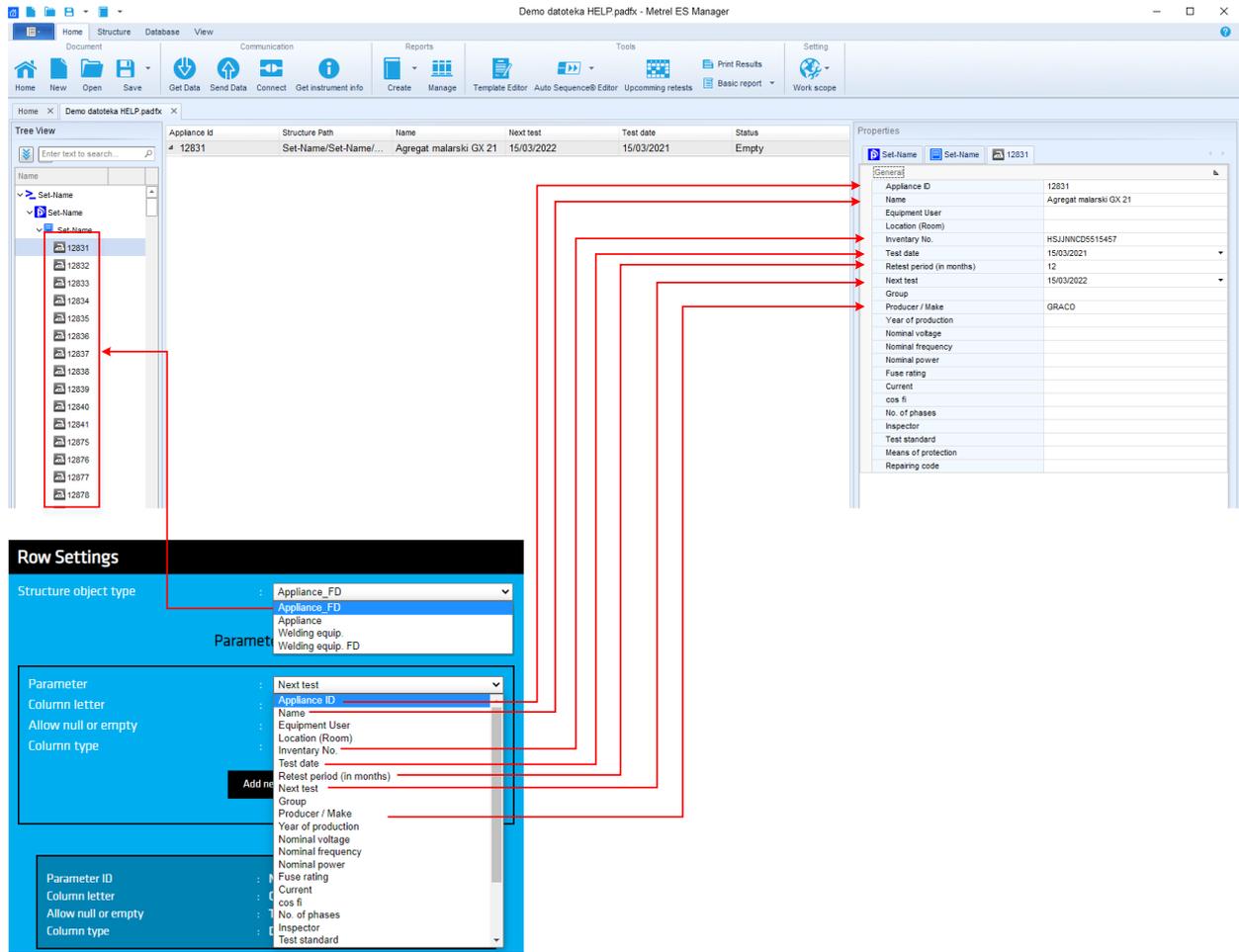*Figure* 3   Correlation between Excel & Parameter links

Figure 4 Correlation between MESM, Excel, and Wizard

Figure 5 Correlation between MESM & Wizard