QMSoft - Notes for maintenance upgrade to Version 8
= to run after installing the last version 8 release

Updates of standards and "Tables for error limits"

1) Refresh of existing items in the QMSoft „Labor management"

   Note: all new tables which are assigned to a QMSoft calculation DLL (used for internal Thread and Plain gauge calculation) as well as all tolerance tables which have a „write protection" set by the QMSoft system, will be automatically added or updated when the Upgrade was done;

   NOTE for users of customized "Factory standards" in the program QMPlain
   In the version 8 there few new tolerance tables were created, which are working in the new established "mixed mode". This means that you can enter your customized tolerance values which, when called up, will be used by an additional algorithm to calculate the required limit values.
   Currently this will be used only for plain plug and ring gauges as well as for different kinds of setting masters.
   Attention: user defined tolerance tables which are assigned to the tolerance categories

Plug gauges – BS type	*[TOLTYPE_PLAIN_PLUG_BS]*
Plug gauges – ISO type	*[TOLTYPE_PLAIN_PLUG_ISO]*
Ring and Gap gauges – BS type	*[TOLTYPE_PLAIN_RING_BS]*
Ring and Gap gauges – ISO type and	*[TOLTYPE_PLAIN_RING_ISO]*
Setting standards for microm. OR internal measures	*[TOLTYPE_PLAIN_MICSTANDARD]*

   are no longer supported!

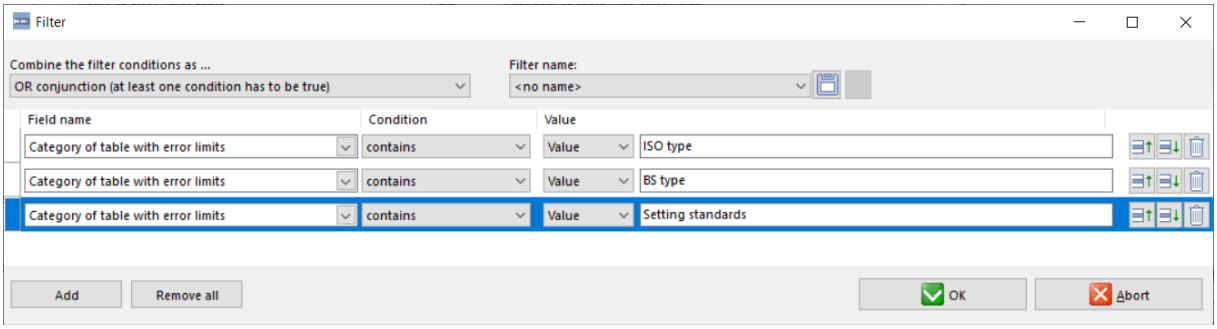
   instead of these you have to use the categories

Fact. Standards – Plug&Ring gauges – ISO compliant	*[TOLTYPE_PLAIN_FACTORY_ISO]*
Fact. Standards – Plug&Ring gauges – BS compliant	*[TOLTYPE_PLAIN_FACTORY_BS]*
Fact. standards - Master Rings & Setting standards	*[TOLTYPE_PLAIN_FACTORY_MASTERS]*

   As the tables of the new tolerance structures CANNOT be added automatically as long as tables with the same name already exist, please proceed as follows!

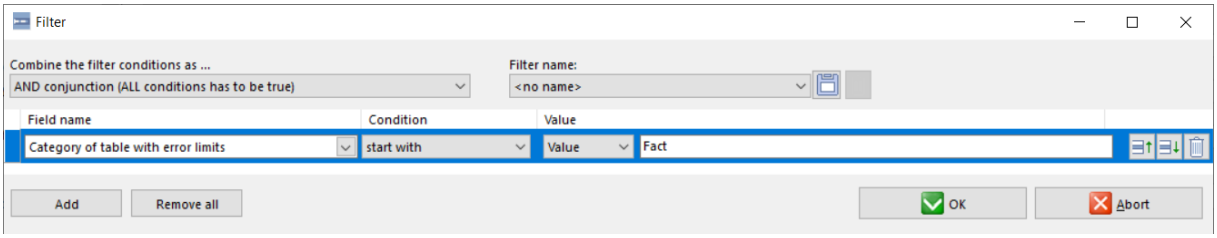
   Open the QMSoft laboratory management (House symbol) and go to the menue "Labor management | Tables for error limits".

Now set a filter over the field „Category .." as shown in the screen shot:



Now check it the tables shown in the list have been modified from you or whether you need them.
If you don't need this, you can delete them all. If you are not sure, you can export the tables into a file and delete it after.
Save the filter. Name it (for example) „OLD Factory standards"!

Set now a new filter: „Category of table…“ start with „Fact“.

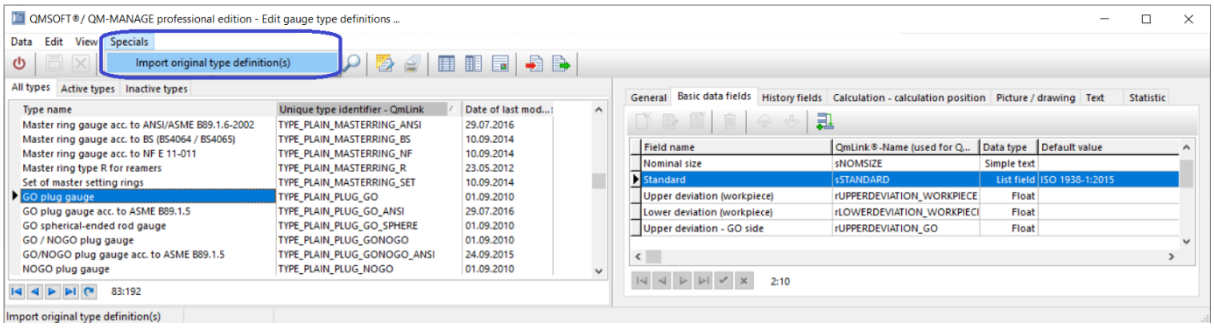


Afterwards, use the import button to import the new tolerance tables from the „Add_Plain_Tolerancetables“, file which you will find in the folder „C:\Program Files (x86)\QMSOFT_Data“.
Now you should see a list with 12 table names.
If you have exported "old" tolerance tables, you can now import them again. Set now the filter back to the previous saved “OLD Factory standards” filter. If the filter is still showing tables and you know that you need them, please send the exported file to L&W to get help for the conversion to the new system.

2) Refresh the „Standard list“ assigned to „Gauge types“ in the QMManage gauge management

when upgrading to version 8 the old procedure where a gauge type definition does include a fixed list of standards was replaced by a mechanism where the type definition will be linked to a tolerance group name.
This procedure does ensure in the future that new standards or changes to the standard designations are immediately visible in the database for the test equipment concerned when updating the QMSoft system.

To refresh the type definitions, open in the QMManage gauge management the menu „Settings | Types“. Here you will find the function “Specials | Import original type definition(s)”.



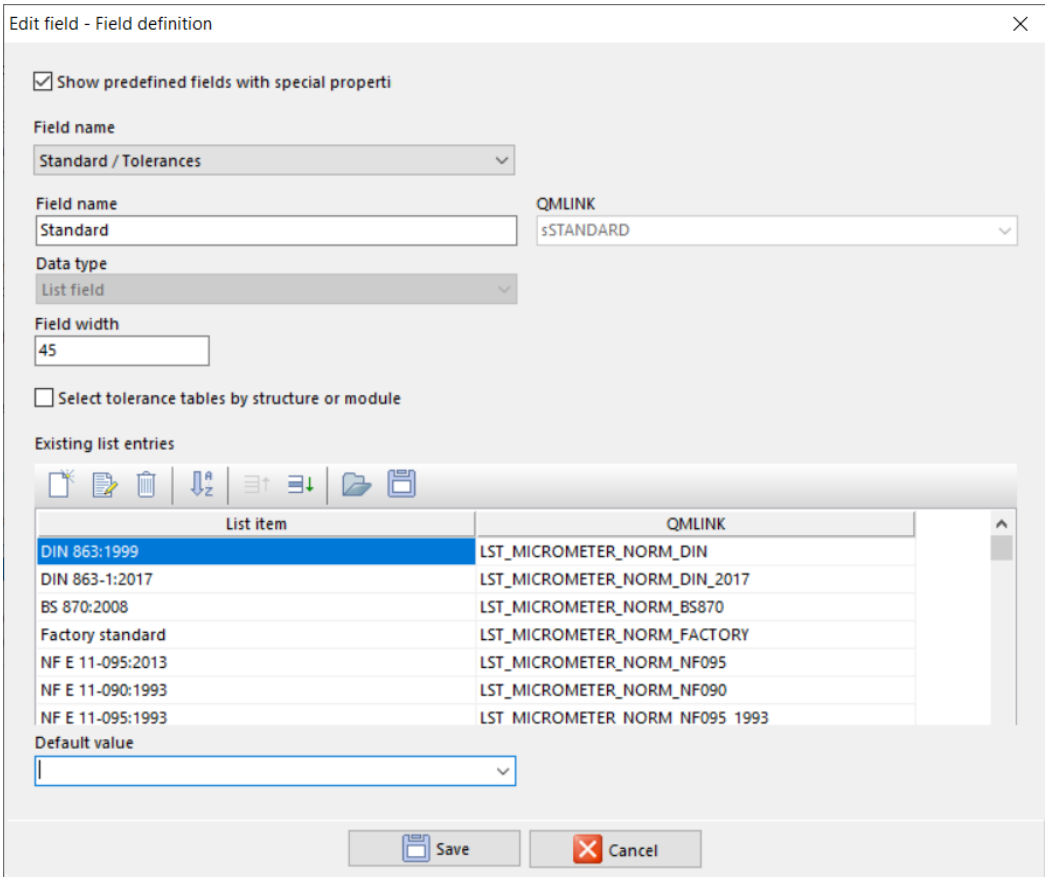
When starting this function you will get a list for the selection of types.
If you are sure, that you did not modify the original QMSoft types you can choose “Select all” and continue with “OK”.

Attention: if you have made changes to type definitions by yourself, then do not overwrite these types. In this case you can contact L&W to coordinate the way to proceed. The next page will show you an example for the changes from the old to the new system, which can also be done manually by yourself.

NOTE: unfortunately this operation will only change the type definition but will not automatically refresh the related tools already existing in your database!

The following screen shots will show you the situation before and after the type refresh:

Screen shot – old settings with a fixed standard list



Screen shot – old settings with a fixed standard list