Installation Qualification Checklist

Profex Version 5.2

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Profex version	
Hardware system identifier	
Operating system name and version	
Date of installation	
Date of installation qualification (IQ)	
IQ operator (signature)	
Quality management (signature)	

Document version: PX52-IQ-20230303
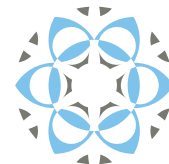
First Program Start

Step	Action	Expected outcome	Pass/Fail
1.1	Run the program *Profex*.	A dialog warning about the missing BGMN configuration and asking to perform auto-configuration is shown.	
1.2	Auto-configuration is executed.	A dialog confirming success of the auto-configuration and asking for structure indexing is shown.	
1.3	Structure indexing is started.	A progress dialog for structure indexing is shown.	
1.3.1		The program main window starts.	
1.3.2		Structure indexing completes without errors.	

Backend Configuration and Repositories

Step	Action	Expected outcome	Pass/Fail
2.1	Open the preferences dialog ,,Edit → Preferences"	The ,,Preferences" dialog opens.	
2.2	Open the backend configuration page ,,BGMN → Backend configuration"	The backend configuration page is shown.	
2.2.1		Option ,,Use bundled BGMN installation" is checked.	
2.2.2		Option ,,Convert raw scans to XY format" is checked.	
2.2.3		Option ,,Manage quantity GOALs" is checked.	
2.3	Open the repository configuration page ,,BGMN → Repositories"	The repository configuration page is shown.	
2.3.1		Two structure file repositories were created, indexing is active.	
2.3.2		Two device file repositories were created.	
2.3.3		Two preset repositories were created.	
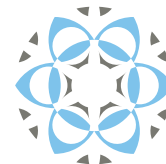
Reference Structure Database

Step	Action	Expected outcome	Pass/Fail
3.1	Open ,,Tools → Browse Reference Structures"	The dialog ,, Browse Reference Structures" opens.	
3.2	Select repository `<installation path>/Structures`.	The repository contains at least the sub-directories ,,BGMN", ,,Minerals", ,,Ceramics".	
3.3	Expand the sub-directories ,,BGMN", ,,Minerals", ,,Ceramics".	(expected)	
3.4	Select a random structure file in one of the expanded sub-directories.	Data for the selected structure is displayed.	
3.4.1		The peak list is not empty.	
3.4.2		The stick pattern is not empty.	
3.4.3		The structure file is not empty.	
3.4.4		Line 1 of the structure file contains `PHASE=<name>`.	

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