

ANZRS FAMILY CHECKLIST		Automation	Description
<b>1 FILE MANAGEMENT</b>			
1.01 Family Naming	Partial	Assists, Functional Type prefixes family name. Could also replace spaces with dash or underscore.	
1.02 Purging	Partial	Purge materials. Revit purging not currently supported by the API	
1.03 File size	Partial	File size details listed, numerically and graphically. Checks families for Nesting, Arrays and Voids.	
1.04 Thumbnail view	Full	Thumbnails automatically generated for 2d and 3d families. Auto hide of walls, reference planes, and dims.	
1.05 Appropriate CAD use	Full	Files with embedded dwgs are identified and can be easily quarantined.	
<b>2 REFERENCE PLANES</b>			
2.01 Named Reference Planes	Check	Reference planes check for name and importance	
2.02 Constraints	Check	Labelled dimensions checked for association to named reference planes	
2.03 Is Reference	Check	Reports on reference planes	
2.04 Not in sketch mode		**	
<b>3 DIMENSIONS</b>			
3.01 Reference to Reference Planes	Check	Warning if labelled dims are not set to use reference planes	
3.02 Outside Sketch mode		**	
3.03 Neat & Visible	None	No checking for visual appearance	
<b>4 GEOMETRY</b>			
4.01 Origin Point	None	No checking of appropriate origin point	
4.02 Control by Reference Planes	Check	Warning	
4.03 Hosted in a Project System Family		No checking is done to see how system family thickness affects the family	
<b>5 SUBCATEGORIES</b>			
5.01 Family category / template	Check and Correct	Functional Type is identified. File can be automatically renamed to include functional type prefix	
5.02 Assignment of subcategories	Check	No check of assignment of items to correct subcategories.	
5.03 Subcategory naming	Partial	Check. Automated correct of RGB, Cut Weight, Projection Weight, Material settings. No Line Pattern correction (API limitation).	
<b>6 PARAMETERS</b>			
6.01 Parameter Naming	Extensive	List and Correct. Automated correction by user definition.	
6.02 Manufacturer's & authoring company's details	Full	Fully automated Adding / Updating	
6.03 Shared Parameters	Extensive	List and Correct. Automated correction by user definition.	
6.04 Modified Issue (date)	Full	Fully automated Adding / Updating	
6.05 Modified Issue (currency format)	Full	Fully automated Adding / Updating	
6.06 Parametric Behaviour	None	No analysis of flexing although dimensions and reference plane checks provide good feedback	
<b>7 NESTING</b>			
7.01 Naming of nested components	Check	Lists details	
7.02 Naming of parameters in nested file	Check	Lists details	
<b>8 TYPES/ TYPE CATALOG</b>			
8.01 Type Naming	Check	Lists details	
8.02 Single Type	Check	Lists details	
8.03 Multiple Types	Check	Lists details	
8.04 Catalog Files	Check	Lists details	