



















Maturity of preliminary design information self-assessment by information producer	
	Parameter Value

Information Maturity being assessed:	Information produced and assessed by:	Date of assessment:
..... (part name/number/unique identifier)
4	3	2
		1
		0

COMPLETENESS		Coverage How well is everything in place that I know has to be there?
Maturity relating to content of the preliminary information		Depth How fine-tuned is the information (are all aspects detailed or do rough placeholders exist)?
		Procedural Completeness What is the information's formal or informal status?
CLARITY		Nomenclature How rigorously are suitable units, symbols and definitions provided?
Maturity relating to presentation of the preliminary information		Conciseness How confident am I that the lack of waffle/unnecessary repetition was
		Vagueness How confident am I that there is no room for interpretation?
CONSISTENCY		Compatibility How well is the information meshing with its environment or other information?
Maturity relating to meshing of the preliminary information within itself and with relevant context and Ambiguity.		Coherence How well is the data meshing well within itself?
		Ambiguity Am I confident in the mental model of the content?
DYNAMISM		Change Extent How significant do I expect the information to change?
Maturity relating to anticipated future change in the preliminary information		Stability How often do I expect the information to change?
		Predictability How well-known is the overall target and the related size of the problem to be overcome?
PREREQUISITES		Availability How significant were the assumptions required to proceed?
Maturity relating to the inputs used for producing the preliminary information		Traceability How well can I trace back the source of the information I used as an input?
		Credibility How confident am I that the inputs are credible?
PROCESS		Rigour How rigorously did I apply the method?
Maturity relating to the method used to produce the preliminary information		Suitability How confident am I that the method used to create the information was appropriate?

n/a (The parameter either is defined or not)			
The parameter value is worked out until the finest level of detail (e.g. decimal points)	The parameter value is worked out until a moderate level of detail (e.g. decimal points)	The parameter value is worked out until a rough level of detail (e.g. decimal points)	The parameter value is worked out until a very rough level of detail (e.g. decimal points)
n/a (all imaginable/reasonable tests related to this parameter value having to be executed to turn it into a "deliverable" have to be based on the document or CAD-file that the parameter is used in; these are not part of the parameter in itself)			
All units ([m]vs. [inch]) and details such as material definitions, tolerances, origo, scale are available and checked.	Most units ([m]vs.[inch]) and details such as material definitions, tolerances, origo, scale are available and roughly checked.	Some units ([m]vs.[inch]) and details such as material definitions, tolerances, origo, scale are available and not checked.	Units ([m]vs.[inch]) and details are given in different values such as material definitions, tolerances, origo, scale not all are available and, if so not checked.
No unnecessary significant figures (e.g. 5.0000000) are given for this parameter value.	Some unnecessary significant figures (e.g. 5.0000000) are given for this parameter value.	Many unnecessary significant figures (e.g. 5.0000000) are given for this parameter value.	Many unnecessary significant figures (e.g. 5.0000000) are given for this parameter value.
The reference point (of measure) for this parameter is clearly defined.	The reference point (of measure) for this parameter is somewhat clearly defined.	The reference point (of measure) for this parameter is not clearly defined.	The reference point (of measure) for this parameter is not clearly defined.
n/a (as a parameter value is not abstract enough to justify considerations about its meshing with the environment)			
n/a (as a parameter value is not abstract enough to justify considerations about meshing within itself)			
n/a (considerations about Ambiguity are on the other end of the spectrum of sophistication)			
No change in the parameter-value is expected.	Only minor changes in the parameter-value are expected.	Only infrequent changes in the parameter-value are expected.	Substantial changes in the parameter-value are expected.
No change in the parameter-value is expected.	Only infrequent changes in the parameter-value are expected.	Only infrequent changes in the parameter-value are expected.	Frequent changes in the parameter-value are expected.
n/a (as a parameter value is not abstract enough to justify Predictability considerations)			
All inputs leading to this parameter-value were available.	Most inputs leading to this parameter-value were available.	Some inputs leading to this parameter-value were available.	Almost no inputs leading to this parameter-value were available.
The one source of this parameter value is easily traceable.	The one source of this parameter value is traceable with some effort .	The one source of this parameter value is traceable with some effort .	There is no way to trace back the source of this parameter value.
This parameter value matches all my expectations (based on expert knowledge) and, therefore, seems reasonable/credible, or it stems from a person I trust.	This parameter value roughly matches my expectations (based on expert knowledge) and, therefore, seems mostly reasonable/credible, or it stems from a person I somewhat trust.	This parameter value roughly matches my expectations (based on expert knowledge) and, therefore, seems mostly reasonable/credible, or it stems from a person I somewhat trust.	I don't find this value reasonable at all as it significantly differs from my expectations or stems from an untrustworthy source.
I used the most sophisticated method to arrive at this parameter-value.	I had to take some shortcuts to arrive at this parameter-value.	I had to take some shortcuts to arrive at this parameter-value.	This parameter-value is just a rough guess based on gut-feeling.
The method used to produce this parameter-value seems appropriate given the overall progress.	The method used to produce this parameter-value seems a bit too (little) sophisticated given the overall progress.	The method used to produce this parameter-value seems a bit too (little) sophisticated given the overall progress.	The method used to produce this parameter-value seems not to match the overall progress.