

The following criteria are available in Q-Checker 1.20.1 for CATIA V5:

FOLDER	CRITERION NAME	HEALING	
Batch Criteria	1. CATDUAV5 Priority 1	No	
	2. CATDUAV5 Priority 2	No	
	3. CATDUAV5 Priority 3	No	
	4. DataLifeCycle CATDUA	No	
PreProcessing	5. Fit All In	No	
	6. Recompute the Tool Path for Machining Operations	No	
Norms and Standards\Saved Model State	7. Current Axis System	Yes	
	8. Current Window View	Yes	
	9. Current Work Object is PartBody	Yes	
	10. Maximum Document File Size	No	
	11. Non-Allowed CATIA Version and Release	No	
	12. Product/Part Document update	Yes	
Norms and Standards\Settings	13. Display in Specification Tree	Yes	
	14. Drafting Standard	No	
	15. Magnitude Length	No	
Norms and Standards\Texts	16. Existence and Content of Applicative Feature Attribute	No	
	17. Existence and Content of Texts	No	
	18. Existence and Text Content of Parameters in CATDrawing Documents	No	
	19. Existence and Text Content of Parameters in CATPart Documents	No	
	20. Existence and Text Content of Parameters in CATProduct Documents	No	
	21. Feature without Annotation Note	No	
	22. Permitted Text Fonts	Yes	
	23. Selected Text/Dimension Attributes	Yes	
	Norms and Standards\Description/Names	24. Axis-System Name [O-CS-CN]	Yes
		25. CATDrawing Document Name	No
26. CATPart Document Name		No	
27. CATProduct Document Name		No	
28. Detail-Sheet Name		Yes	
29. Detail-View Name		Yes	
30. Document Description		No	
31. Element Name		Yes	
32. Filter Name		No	
33. Instance Name must match Part Name		Yes	
34. Layer Name		No	
35. Model Definition		No	
36. Model Name		No	
37. Model Nomenclature		No	
38. Model Revision		No	
39. Model Source		No	
40. Non-Standard Feature Name [O-EL-EN]		No	
41. Product Component Name		No	

FOLDER	CRITERION NAME	HEALING
	42. Product Component Name Must Match Associated File Name	No
	43. Published Element Name	No
	44. Published Name Must Match Published Element Name	No
	45. Result Element Name Must Match Body Name	Yes
	46. Root Part Name (Part Number) must match CATPart File Name	Yes
	47. Root Product Name must match CATProduct File Name	Yes
	48. Root-Part Name (Part Number)	Yes
	49. Root-Product Name	Yes
	50. Sheet Name	Yes
	51. Solid Names match CATPart Name	Yes
	52. View Name	Yes
	53. View Name Must Match Sheet Name	No
Norms and Standards\Sheets/Views	54. Active Sheet	Yes
	55. CATPart/CATProduct Name linked by View must match Drawing Name	No
	56. Detail used in Details	No
	57. Drawing Frame/Header as 2D Component	No
	58. Drawing Standard	No
	59. Empty Detail Sheets	Yes
	60. Empty Detail Views	Yes
	61. Empty Sheets	Yes
	62. Empty View must exist	No
	63. Empty Views	Yes
	64. Locked Views	No
	65. No active Background Detail View	Yes
	66. No active Background View	Yes
	67. No active Detail View in Detail Sheet	Yes
	68. No active View in Sheet	Yes
	69. Non-Exposed 2D-Component	Yes
	70. Only one Sheet per Drawing	No
	71. Only one View in each Sheet	No
	72. Sheet Format	No
	73. Sheet Frame	No
	74. Sheet Must Exist	No
	75. Sheet Projection Method	No
	76. Sheet/View must exist	No
	77. Unused Details	Yes
	78. View Angle	Yes
	79. View Frame Visibility	Yes
	80. View Frames [D-OR-VF]	No
	81. View Name is the Same in Specification Tree and in the View	No
	82. View Outside of Sheet	No
	83. View Scaling	No

FOLDER	CRITERION NAME	HEALING
	84. View Update	Yes
	85. View not linked to CATPart/CATProduct	No
	86. View with broken link to CATPart/CATProduct	No
Norms and Standards\Elements\General	87. Activated Feature	No
	88. Conditional Feature Properties	Yes
	89. Deactivated Feature	Yes
	90. Elements in specific Bodies Must Be Published	No
	91. Empty Body	Yes
	92. Empty Body Must Exist	No
	93. Empty Sketch	Yes
	94. Material Assignment Must Exist for Element Type	No
	95. Material Assignment is Allowed for Element Type	No
	96. Maximum Number of Elements	No
	97. No Space Geometry Outside Working Area [O-CM-OB]	Yes
	98. Non-Allowed Associative Feature	Yes
	99. Non-Allowed Sketch Constraint Types	No
	100. Non-Allowed Sketch Position Type	No
	101. Non-Reference Axis System Active [O-CS-NR]	Yes
	102. Non-Standard Axis System [O-CS-NO]	No
	103. Permitted Element Types in Model	Yes
	104. Permitted Element Types in NOPICK	Yes
	105. Permitted Element Types in NOSHOW	Yes
	106. Permitted Element Types in SHOW	Yes
	107. Permitted Surface Feature Types in Specific Bodies	No
	108. The Same Feature Registered in More Than One Body [O-GL-IG]	No
	109. Unresolved Feature	No
	110. User defined Feature [O-EL-UD]	No
	111. Visualization Status of Published Entities	Yes
Norms and Standards\Elements\Drawing	112. Fake Dimensions	Yes
	113. Identical 2D Components	Yes
	114. Non Associative Dimensions (on 3D)	Yes
	115. Non Associative Drawing Entities (on 3D)	Yes
	116. Non up-to-date Dimensions	Yes
	117. Non-Standard Display Accuracy of Dimension [D-OR-DI]	Yes
Norms and Standards\Solids	118. Allowed Solid Features	No
	119. Maximum Number of Solid Features per Body	No
	120. Missing Solid Construction History [O-SO-MH]	No
	121. Multi-Solid Part (Model) [G-MO-MU]	No
	122. Negative Bodies / Sub-Bodies	No
	123. One Solid, at least, in Part	No
	124. Only one Profile per Solid Feature	No
	125. Solid Feature with Child Elements	No
	126. Solid Update	Yes
	127. Unused Solid Construction Geometry	No

FOLDER	CRITERION NAME	HEALING
Norms and Standards\Layer and Filter	128. Current Filter for Layer Group [O-GL-LA]	Yes
	129. Elements in NOSHOW on Layers	Yes
	130. Elements in SHOW on Layers	Yes
	131. Filter and Layer Definition	No
	132. Filter used [O-GL-GL]	No
	133. Permitted Element Types on Layers	Yes
Norms and Standards\Graphic	134. Non-Allowed B-Rep/Feature Color	Yes
	135. Non-Allowed B-Rep/Feature Transparency	Yes
Methodology\CATProduct	136. At least one Constraint per Product	No
	137. Degree of Freedom of Product Components Equals Zero	No
	138. Flexible Product/Structure Component	No
	139. Kinematics Degree of Freedom of Mechanism Equals Zero	No
	140. Non-Allowed Path for Linked Document	No
	141. Non-Allowed Shape Component Type	No
	142. Non-Identity Positioning Matrix	No
	143. Non-Isometric Positioning Matrix	No
	144. Product component with broken link to CATPart/CATProduct	No
	145. Structure of CATProduct Specification Tree	No
	146. The Same Feature Registered in More Than One DMU-Group [O-GL-IG]	No
147. User Defined Properties not Applied to Part Component	No	
Methodology\CATPart	148. Area Ratio of Surfaces in Specific Bodies	No
	149. Associative Elements (Parent/Children) in Specific Bodies	No
	150. Center of Gravity	No
	151. Constraints Referencing the H or V Axis	No
	152. Coordinates-Point Definition	No
	153. Elements without Child Elements in specific Bodies	Yes
	154. Features with External Links (Multi-Model-Link) in CATPart	Yes
	155. Inverted Surface Orientation Corresponds to Thick Surface Orientation	Yes
	156. Join Definition	No
	157. MML (Multi-Model-Link) Reference Not Published	No
	158. Material Orientation corresponds to Surface Orientation	Yes
	159. Non-Allowed Component Formula in CATPart	Yes
	160. Non-Allowed Solid Feature Mixed With Boolean Feature	No
	161. Not Allowed Parent/Child Relationship	No
	162. Not-Allowed Path of Parent Feature	No
	163. Offset Capability (Thick Surface) of Thin Parts	No
	164. Only one Curve in Sketch	No
	165. Only one Surface allowed in specific Bodies	No
	166. Open Body in Body	No
	167. Permitted Body for non-associative Datum Features	No
168. Saving as V4 Data	No	
169. Sketch Not Fully Constrained	No	

FOLDER	CRITERION NAME	HEALING
	170. Structure of CATPart Specification Tree	Yes
	171. Surface Must Have Thin Part Attribute in Specific Bodies	No
	172. Surface must exist in specific Bodies	No
	173. Thick Surface Definition	No
	174. Thin Part Orientation corresponds to Surface Orientation	No
	175. User Defined Properties not Applied to Part	Yes
Methodology\FT/A	176. Active Capture	No
	177. Allowed FT/A Dimension Unit	No
	178. FT/A Fake Dimensions	Yes
	179. FT/A Reference System Must Exist	Yes
	180. FT/A Tolerancing Standard	No
	181. FT/A Type Must Lie in a Specific Capture	Yes
	182. Geometry Linked to FT/A in NOSHOW	Yes
	183. Non-Allowed Activation Status of Annotation Set	No
	184. Non-Allowed Semantic/Non-Semantic FT/A Elements	No
185. Permitted FT/A Type in Specific Capture	No	
Methodology\CATAnalysis	186. Non-Allowed OCTREE Tetrahedron Mesh Element Type	No
Methodology\Sheetmetal	187. Conical Bend Definition	No
	188. Cylindrical Bend Definition	No
	189. Fold/Unfold-Sheet Metal Visualization	No
Methodology\Composite	190. Composite Design Material	No
	191. Ply Definition	No
	192. Ply Surface Must Match PlyGroup Surface	No
Methodology\General	193. Deactivated Knowledgeware Relation	No
	194. Unresolved (Non-Synchronized) Knowledgeware Relation	No
Geometry\Curve Features\Curves	195. Fragmented Curve [G-CU-FG]	No
	196. High-Degree Curve [G-CU-HD]	No
	197. Indistinct Knots in NURBS Curve [G-CU-IK]	No
	198. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG]	No
	199. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID]	No
	200. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS]	No
	201. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT]	No
	202. Small Curve Radius of Curvature [G-CU-CR]	No
	203. Tiny Curve Segment [G-CU-TI]	No
	204. Tiny Curve [G-CU-TI]	No
	205. Wavy Planar Curve [G-CU-WV]	No
Geometry\Curve Features\Wires	206. Embedded Wires and Points [G-CU-EM]	No
	207. Large Curve Gaps (G0 Discontinuity) [G-CU-LG]	No
	208. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS]	No
	209. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT]	No
	210. Self-Intersecting Wire [G-CU-IS]	No
	211. Tiny Wire [G-CU-TI]	No

FOLDER	CRITERION NAME	HEALING
Geometry\Curve Features\General	212. Multi-Domain Curve [G-CU-MU]	No
Geometry\Solid\Surface Features\Surfaces	213. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN]	No
	214. Big Surface Radius of Curvature [G-SU-CR]	No
	215. Degenerate Surface Segment Boundary [G-SU-DC]	No
	216. Degenerate Surface Segment Corner [G-SU-DP]	No
	217. Embedded Surfaces [G-SU-EM]	No
	218. Folded Surface [G-SU-FO]	No
	219. Fragmented Surface [G-SU-FG]	No
	220. High Number of Control Points in NURBS Surface [G-SU-xx]	No
	221. High-Degree Surface [G-SU-HD]	No
	222. Indistinct Knots in NURBS Surface [G-SU-IK]	No
	223. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG]	No
	224. Multi-Face Surface [G-SU-MU]	No
	225. Narrow Surface Segment [G-SU-NA,G-SU-RN]	No
	226. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS]	No
	227. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT]	No
	228. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx]	No
	229. Self-Intersecting Surface [G-SU-IS]	No
	230. Small Surface Radius of Curvature [G-SU-CR]	No
	231. Small Surface Radius of Curvature in ThinPart	No
	232. Tiny Surface [G-SU-TI]	No
	233. Undefined Surface Normal [G-SU-xx]	No
	234. Unused Surface Segment Rows [G-SU-UN]	No
	235. Wavy Surface [G-SU-WV]	No
Geometry\Solid\Surface Features\Face Edges	236. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN]	No
	237. Closed Face Edge [G-ED-CL]	No
	238. Fragmented Face Edge [G-ED-FG]	No
	239. Tiny Face Edge Segment [G-ED-TI]	No
	240. Tiny Face Edge [G-ED-TI]	No
Geometry\Solid\Surface Features\Face Loops	241. Inconsistent Face Edge Orientation in Loop [G-LO-IT]	No
	242. Large Face Edge Gap [G-LO-LG]	No
	243. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS]	No
	244. Sharp Face Edge Angle [G-LO-SA]	No
Geometry\Solid\Surface Features\Faces	245. Closed Face [G-FA-CL]	No
	246. Embedded Faces [G-FA-EM]	No
	247. Inconsistent Face Orientation on Surface [G-FA-IT]	No
	248. Large Face Edge to Surface Gap [G-FA-EG]	No
	249. Narrow Face Region [G-FA-RN]	No
	250. Narrow Face [G-FA-NA,G-FA-RN]	No

FOLDER	CRITERION NAME	HEALING
	251. Relative Narrow Face	No
	252. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN]	No
	253. Tiny Face [G-FA-TI]	No
Geometry\Solid\Surface Features\Shells/Volumes	254. Calculation of Shells/Volumes [G-SH-xx]	No
	255. Inconsistent Face Orientation in Shell/Volume [G-SH-IT]	No
	256. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT]	No
	257. Large Face Gaps (G0 Discontinuity) [G-SH-LG]	No
	258. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS]	No
	259. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT]	No
	260. Open or Overlapping Shell/Volume [G-SH-FR]	No
	261. Over-Used Edge [G-SH-NM]	No
	262. Over-Used Vertex [G-SH-OU]	No
	263. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS]	No
	264. Sharp Face Angle [G-SH-SA]	No
	265. Step edge on boundary of Shell	No
	266. Tangent continuous boundary of Shell	No
Geometry\Solid\Surface Features\General	267. Embedded Solids [G-SO-EM]	Yes
	268. Embedded Surface Features (Shells) [G-SO-EM]	Yes
	269. Multi-Domain Surface (Shell) [G-SO-MU]	No
	270. Multi-Volume Solid [G-SO-MU]	No
	271. Non-Allowed Chamfer Angle	No
	272. Non-Allowed Chamfer Lengths	No
	273. Non-Allowed Solid Fillet Radius	Yes
	274. Non-Allowed Surfacic Fillet Radius	Yes
	275. Solid Void [G-SO-VO]	No
	276. Solid Wall Thickness	No
	277. Tiny Solid [G-SO-TI]	Yes
Geometry\Model	278. Hybrid Model [G-MO-HY]	No
Geometry\Views	279. Embedded Drawing Element [G-DW-EM]	Yes
	280. Tiny Drawing Element [G-DW-TI]	Yes