

The following criteria are available in Q-Checker 2.2.1 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	

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	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. Empty Detail Sheets	Yes
	59. Empty Detail Views	Yes
	60. Empty Sheets	Yes
	61. Empty View must exist	No
	62. Empty Views	Yes
	63. Locked Views	No
	64. Model Drafting Standard Corresponds to Reference Document Standard	No
	65. Model Drafting Standard Name	No
	66. No active Background Detail View	Yes
	67. No active Background View	Yes
	68. No active Detail View in Detail Sheet	Yes
	69. No active View in Sheet	Yes
	70. Non-Exposed 2D-Component	Yes
	71. Only one Sheet per Drawing	No
	72. Only one View in each Sheet	No
	73. Sheet Format	No
	74. Sheet Frame	No
	75. Sheet Must Exist	No
	76. Sheet Projection Method	No
	77. Sheet/View must exist	No
	78. Unused Details	Yes
	79. View Angle	Yes
	80. View Frame Visibility	Yes
	81. View Frames [D-OR-VF]	No
	82. View Name is the Same in Specification Tree and in the View	No

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

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

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	169. Permitted Body for non-associative Datum Features	No
	170. Saving as V4 Data	No
	171. Sketch Not Fully Constrained	No
	172. Structure of CATPart Specification Tree	Yes
	173. Surface Must Have Thin Part Attribute in Specific Bodies	No
	174. Surface must exist in specific Bodies	No
	175. Thick Surface Definition	No
	176. Thin Part Orientation corresponds to Surface Orientation	No
	177. Thread Definition	No
	178. User Defined Properties not Applied to Part	Yes
Methodology\CATAnalysis	179. Non-Allowed OCTREE Tetrahedron Mesh Element Type	No
Methodology\FT/A	180. Active Capture	No
	181. Allowed FT/A Dimension Unit	No
	182. FT/A Fake Dimensions	Yes
	183. FT/A Reference System Must Exist	Yes
	184. FT/A Tolerancing Standard	No
	185. FT/A Type Must Lie in a Specific Capture	Yes
	186. Geometry Linked to FT/A in NOSHOW	Yes
	187. Non-Allowed Activation Status of Annotation Set	No
	188. Non-Allowed Semantic/Non-Semantic FT/A Elements	No
	189. Permitted FT/A Type in Specific Capture	No
Methodology\Sheetmetal	190. Conical Bend Definition	No
	191. Cylindrical Bend Definition	No
	192. Fold/Unfold-Sheet Metal Visualization	No
Methodology\Composite	193. Composite Design Material	No
	194. Ply Definition	No
	195. Ply Surface Must Match PlyGroup Surface	No
Methodology\Electrics	196. Lost Electrical Properties of Curve	No
	197. Support Plane must be Parallel to Reference Plane	No
Methodology\General	198. Deactivated Knowledgeware Relation	No
	199. Unresolved (Non-Synchronized) Knowledgeware Relation	No
Geometry\Curve Features\Curves	200. Fragmented Curve [G-CU-FG]	No
	201. High-Degree Curve [G-CU-HD]	No
	202. Indistinct Knots in NURBS Curve [G-CU-IK]	No
	203. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG]	No
	204. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID]	No
	205. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS]	No
	206. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT]	No
	207. Small Curve Radius of Curvature [G-CU-CR]	No
	208. Tiny Curve Segment [G-CU-TI]	No
	209. Tiny Curve [G-CU-TI]	No
	210. Wavy Planar Curve [G-CU-WV]	No

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Geometry\Curve Features\Wires	211. Embedded Wires and Points [G-CU-EM]	No
	212. Large Curve Gaps (G0 Discontinuity) [G-CU-LG]	No
	213. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS]	No
	214. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT]	No
	215. Self-Intersecting Wire [G-CU-IS]	No
	216. Tiny Wire [G-CU-TI]	No
Geometry\Curve Features\General	217. Multi-Domain Curve [G-CU-MU]	No
Geometry\Solid\Surface Features\Surfaces	218. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN]	No
	219. Big Surface Radius of Curvature [G-SU-CR]	No
	220. Degenerate Surface Segment Boundary [G-SU-DC]	No
	221. Degenerate Surface Segment Corner [G-SU-DP]	No
	222. Embedded Surfaces [G-SU-EM]	No
	223. Folded Surface [G-SU-FO]	No
	224. Fragmented Surface [G-SU-FG]	No
	225. High Number of Control Points in NURBS Surface [G-SU-xx]	No
	226. High-Degree Surface [G-SU-HD]	No
	227. Indistinct Knots in NURBS Surface [G-SU-IK]	No
	228. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG]	No
	229. Multi-Face Surface [G-SU-MU]	No
	230. Narrow Surface Segment [G-SU-NA,G-SU-RN]	No
	231. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS]	No
	232. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT]	No
	233. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx]	No
	234. Self-Intersecting Surface [G-SU-IS]	No
	235. Small Surface Radius of Curvature [G-SU-CR]	No
	236. Small Surface Radius of Curvature in ThinPart	No
	237. Tiny Surface [G-SU-TI]	No
238. Undefined Surface Normal [G-SU-xx]	No	
239. Unused Surface Segment Rows [G-SU-UN]	No	
240. Wavy Surface [G-SU-WV]	No	
Geometry\Solid\Surface Features\Face Edges	241. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN]	No
	242. Closed Face Edge [G-ED-CL]	No
	243. Fragmented Face Edge [G-ED-FG]	No
	244. Tiny Face Edge Segment [G-ED-TI]	No
	245. Tiny Face Edge [G-ED-TI]	No
Geometry\Solid\Surface Features\Face Loops	246. Inconsistent Face Edge Orientation in Loop [G-LO-IT]	No
	247. Large Face Edge Gap [G-LO-LG]	No
	248. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS]	No
	249. Sharp Face Edge Angle [G-LO-SA]	No

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Geometry\Solid\Surface Features\Faces	250. Closed Face [G-FA-CL]	No
	251. Embedded Faces [G-FA-EM]	No
	252. Inconsistent Face Orientation on Surface [G-FA-IT]	No
	253. Large Face Edge to Surface Gap [G-FA-EG]	No
	254. Narrow Face Region [G-FA-RN]	No
	255. Narrow Face [G-FA-NA,G-FA-RN]	No
	256. Relative Narrow Face	No
	257. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN]	No
	258. Tiny Face [G-FA-TI]	No
Geometry\Solid\Surface Features\Shells/Volumes	259. Calculation of Shells/Volumes [G-SH-xx]	No
	260. Inconsistent Face Orientation in Shell/Volume [G-SH-IT]	No
	261. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT]	No
	262. Large Face Gaps (G0 Discontinuity) [G-SH-LG]	No
	263. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS]	No
	264. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT]	No
	265. Open or Overlapping Shell/Volume [G-SH-FR]	No
	266. Over-Used Edge [G-SH-NM]	No
	267. Over-Used Vertex [G-SH-OU]	No
	268. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS]	No
	269. Sharp Face Angle [G-SH-SA]	No
	270. Step edge on boundary of Shell	No
	271. Tangent continuous boundary of Shell	No
Geometry\Solid\Surface Features\General	272. Embedded Solids [G-SO-EM]	Yes
	273. Embedded Surface Features (Shells) [G-SO-EM]	Yes
	274. Multi-Domain Surface (Shell) [G-SO-MU]	No
	275. Multi-Volume Solid [G-SO-MU]	No
	276. Non-Allowed Chamfer Angle	No
	277. Non-Allowed Chamfer Lengths	No
	278. Non-Allowed Solid Fillet Radius	Yes
	279. Non-Allowed Surfacic Fillet Radius	Yes
	280. Solid Void [G-SO-VO]	No
	281. Solid Wall Thickness	No
282. Tiny Solid [G-SO-TI]	Yes	
Geometry\Model	283. Hybrid Model [G-MO-HY]	No
Geometry\Views	284. Embedded Drawing Element [G-DW-EM]	Yes
	285. Tiny Drawing Element [G-DW-TI]	Yes