

The following criteria are available in Q-Checker 2.6.2 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. Non-Allowed Educational Licence	No
	13. Product/Part Document update	Yes
Norms and Standards\Graphic	14. Non-Allowed B-Rep/Feature Color	Yes
	15. Non-Allowed B-Rep/Feature Transparency	Yes
Norms and Standards\Settings	16. Display in Specification Tree	Yes
	17. Magnitude Length	No
Norms and Standards\Texts	18. 2D-Component Text Must Match Sheet Name	Yes
	19. Existence and Content of Applicative Feature Attribute	No
	20. Existence and Content of Texts	No
	21. Existence and Text Content of Parameters in CATDrawing Documents	No
	22. Existence and Text Content of Parameters in CATPart Documents	No
	23. Existence and Text Content of Parameters in CATProduct Documents	No
	24. Feature without Annotation Note	No
	25. Not Allowed Formula Value	No
	26. Parameter Not Linked to Text	No
	27. Permitted Text Fonts	Yes
	28. Selected Text/Dimension Attributes	Yes
	29. Text Not Linked to Parameter	No
Norms and Standards\Description/Names	30. Axis-System Name [O-CS-CN]	Yes
	31. CATDrawing Document Name	No
	32. CATPart Document Name	No
	33. CATProduct Document Name	No
	34. Detail-Sheet Name	Yes
	35. Detail-View Name	Yes
	36. Document Description	No
	37. Element Name	Yes
	38. Filter Name	No
	39. Instance Name must match Part Name	Yes
	40. Layer Name	No
	41. Model Definition	No

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	42. Model Name	No
	43. Model Nomenclature	No
	44. Model Revision	No
	45. Model Source	No
	46. Non-Standard Feature Name [O-EL-EN]	No
	47. Product Component Name	No
	48. Product Component Name Must Match Associated File Name	No
	49. Published Element Name	No
	50. Published Name Must Match Published Element Name	No
	51. Result Element Name Must Match Body Name	Yes
	52. Root Part Name (Part Number) must match CATPart File Name	Yes
	53. Root Product Name must match CATProduct File Name	Yes
	54. Root-Part Name (Part Number)	Yes
	55. Root-Product Name	Yes
	56. Sheet Name	Yes
	57. Solid Names match CATPart Name	Yes
	58. View Name	Yes
	59. View Name Must Match Sheet Name	No
Norms and Standards\Sheets/Views	60. Active Sheet	Yes
	61. CATPart/CATProduct Name linked by View must match Drawing Name	No
	62. Detail used in Details	No
	63. Drawing Frame/Header as 2D Component	No
	64. Empty Detail Sheets	Yes
	65. Empty Detail Views	Yes
	66. Empty Sheets	Yes
	67. Empty View must exist	No
	68. Empty Views	Yes
	69. Locked Views	No
	70. Model Drafting Standard Corresponds to Reference Document Standard	No
	71. Model Drafting Standard Name	No
	72. No active Background Detail View	Yes
	73. No active Background View	Yes
	74. No active Detail View in Detail Sheet	Yes
	75. No active View in Sheet	Yes
	76. Non-Exposed 2D-Component	Yes
	77. Only one Sheet per Drawing	No
	78. Only one View in each Sheet	No
	79. Permitted Generative View Style	No
	80. Sheet Format	No
	81. Sheet Frame	Yes
	82. Sheet Must Exist	No
	83. Sheet Projection Method	No

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

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	127. Maximum Number of Solid Features per Body	No
	128. Missing Solid Construction History [O-SO-MH]	No
	129. Multi-Solid Part (Model) [G-MO-MU]	No
	130. Negative Bodies / Sub-Bodies	No
	131. One Solid, at least, in Part	No
	132. Only one Profile per Solid Feature	No
	133. Solid Feature with Child Elements	No
	134. Solid Update	Yes
	135. Unused Solid Construction Geometry	No
Norms and Standards\Material	136. Material Assignment Must Exist for Element Type	No
	137. Material Assignment is Allowed for Element Type	No
	138. Material Corresponds to Material Reference Catalog	No
Norms and Standards\Layer and Filter	139. Current Filter for Layer Group [O-GL-LA]	Yes
	140. Elements in NOSHOW on Layers	Yes
	141. Elements in SHOW on Layers	Yes
	142. Filter and Layer Definition	No
	143. Filter used [O-GL-GL]	No
	144. Permitted Element Types on Layers	Yes
Methodology\CATProduct	145. Assembly Constraints Must Reference Published Elements	No
	146. At least one Constraint per Product	No
	147. Degree of Freedom of Product Components Equals Zero	No
	148. Flexible Product/Structure Component	No
	149. Kinematics Degree of Freedom of Mechanism Equals Zero	No
	150. Non-Allowed MML (Multi-Model-Link) in Product Context	No
	151. Non-Allowed Path for Linked Document	No
	152. Non-Allowed Shape Component Type	No
	153. Non-Identity Positioning Matrix	No
	154. Non-Isometric Positioning Matrix	No
	155. Product Clash Detection	No
	156. Product component with broken link to CATPart/CATProduct	No
	157. Structure of CATProduct Specification Tree	No
	158. The Same Feature Registered in More Than One DMU-Group [O-GL-IG]	No
159. User Defined Properties not Applied to Part Component	No	
Methodology\CATPart	160. Area Ratio of Surfaces in Specific Bodies	No
	161. Associative Elements (Parent/Children) in Specific Bodies	No
	162. Center of Gravity	Yes
	163. Constraints Referencing the H or V Axis	No
	164. Construction Order of Solid Features in Bodies	No
	165. Coordinates-Point Definition	No
	166. Elements without Child Elements in specific Bodies	Yes
	167. Feature Must Exist in Specific Bodies	No
	168. Features with External Links (Multi-Model-Link) in CATPart	Yes

FOLDER	CRITERION NAME	HEALING
	169. Inverted Surface Orientation Corresponds to Thick Surface Orientation	Yes
	170. Join Definition	No
	171. MML (Multi-Model-Link) Reference Not Published	No
	172. MML (Multi-Model-Link) Reference Not Published (by Name Evaluation)	No
	173. Material Orientation corresponds to Surface Orientation	Yes
	174. Non-Allowed Component Formula in CATPart	Yes
	175. Non-Allowed MML (Multi-Model-Link)	No
	176. Non-Allowed Solid Feature Mixed With Boolean Feature	No
	177. Non-Allowed User-Defined Properties	No
	178. Not-Allowed Path of Parent Feature	No
	179. Not Allowed Parent/Child Relationship	No
	180. Offset Capability (Thick Surface) of Thin Parts	No
	181. Offset Capability of Surface	No
	182. Only One Surface Allowed in Specific Bodies	No
	183. Only one Curve in Sketch	No
	184. Open Body in Body	No
	185. Permitted Body for non-associative Datum Features	No
	186. Saving as V4 Data	No
	187. Sketch Not Fully Constrained	No
	188. Structure of CATPart Specification Tree	Yes
	189. Surface Must Have Thin Part Attribute in Specific Bodies	No
	190. Surface must exist in specific Bodies	No
	191. Thick Surface Definition	No
	192. Thin Part Orientation corresponds to Surface Orientation	No
	193. Thread Definition	No
	194. User Defined Properties not Applied to Part	Yes
Methodology\CATAnalysis	195. Non-Allowed OCTREE Tetrahedron Mesh Element Type	No
Methodology\FT/A	196. Active Capture	No
	197. Allowed FT/A Dimension Unit	No
	198. Camera Name Must Match Capture Name	Yes
	199. Capture Definition	No
	200. FT/A Fake Dimensions	Yes
	201. FT/A Reference System Must Exist	Yes
	202. FT/A Tolerancing Standard	No
	203. FT/A Type Must Lie in a Specific Capture	Yes
	204. Geometry Linked to FT/A in NOSHOW	Yes
	205. Non-Allowed Activation Status of Annotation Set	No
	206. Non-Allowed Semantic/Non-Semantic FT/A Elements	No
	207. Not Allowed Link of FT/A Elements	No
	208. Permitted FT/A Type in Specific Capture	No
	209. View Name Must Match Capture Name	Yes
Methodology\Sheetmetal	210. Conical Bend Definition	No
	211. Cylindrical Bend Definition	No

Q-Checker 2.6.2 for CATIA V5 – Criteria overview



FOLDER	CRITERION NAME	HEALING
	212. Fold/Unfold-Sheet Metal Visualization	No
Methodology\Composite	213. Composite Design Material	No
	214. Ply Definition	No
	215. Ply Surface Must Match PlyGroup Surface	No
	216. Consistency of Bundle Segments in Multi-Branchable	No
Methodology\Electrics	217. Electrical Protective Coverings	No
	218. Electrical Reference Designator	No
	219. Electrical Topology	No
	220. Empty Multi-Branchable	No
	221. Lost Electrical Properties of Curve	No
	222. Non-allowed Electric Components	No
	223. Support Plane must be Parallel to Reference Plane	No
	224. Unlinked Supports in GBN	No
	225. Unused Electrical Elements in CATPart	Yes
	Methodology\General	226. Deactivated Knowledgeware Relation
227. Non-allowed Infinite Lines		No
228. Unresolved (Non-Synchronized) Knowledgeware Relation		No
Geometry\Curve Features\Curves	229. Fragmented Curve [G-CU-FG]	No
	230. High-Degree Curve [G-CU-HD]	No
	231. Indistinct Knots in NURBS Curve [G-CU-IK]	No
	232. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG]	No
	233. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID]	No
	234. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS]	No
	235. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT]	No
	236. Small Curve Radius of Curvature [G-CU-CR]	No
	237. Tiny Curve Segment [G-CU-TI]	No
	238. Tiny Curve [G-CU-TI]	No
	239. Wavy Planar Curve [G-CU-WV]	No
Geometry\Curve Features\Wires	240. Embedded Wires and Points [G-CU-EM]	No
	241. Large Curve Gaps (G0 Discontinuity) [G-CU-LG]	No
	242. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS]	No
	243. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT]	No
	244. Self-Intersecting Wire [G-CU-IS]	No
245. Tiny Wire [G-CU-TI]	No	
Geometry\Curve Features\General	246. Multi-Domain Curve [G-CU-MU]	No
Geometry\Solid\Surface Features\Surfaces	247. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN]	No
	248. Big Surface Radius of Curvature [G-SU-CR]	No
	249. Degenerate Surface Segment Boundary [G-SU-DC]	No
	250. Degenerate Surface Segment Corner [G-SU-DP]	No
	251. Embedded Surfaces [G-SU-EM]	No
	252. Folded Surface [G-SU-FO]	No

FOLDER	CRITERION NAME	HEALING
	253. Fragmented Surface [G-SU-FG]	No
	254. High Number of Control Points in NURBS Surface [G-SU-xx]	No
	255. High-Degree Surface [G-SU-HD]	No
	256. Indistinct Knots in NURBS Surface [G-SU-IK]	No
	257. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG]	No
	258. Multi-Face Surface [G-SU-MU]	No
	259. Narrow Surface Segment [G-SU-NA,G-SU-RN]	No
	260. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS]	No
	261. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT]	No
	262. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx]	No
	263. Self-Intersecting Surface [G-SU-IS]	No
	264. Small Surface Radius of Curvature [G-SU-CR]	No
	265. Small Surface Radius of Curvature in ThinPart	No
	266. Tiny Surface [G-SU-TI]	No
	267. Undefined Surface Normal [G-SU-xx]	No
	268. Unused Surface Segment Rows [G-SU-UN]	No
	269. Wavy Surface [G-SU-WV]	No
Geometry\Solid\Surface Features\Face Edges	270. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN]	No
	271. Closed Face Edge [G-ED-CL]	No
	272. Fragmented Face Edge [G-ED-FG]	No
	273. Tiny Face Edge Segment [G-ED-TI]	No
	274. Tiny Face Edge [G-ED-TI]	No
Geometry\Solid\Surface Features\Face Loops	275. Inconsistent Face Edge Orientation in Loop [G-LO-IT]	No
	276. Large Face Edge Gap [G-LO-LG]	No
	277. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS]	No
	278. Sharp Face Edge Angle [G-LO-SA]	No
Geometry\Solid\Surface Features\Faces	279. Closed Face [G-FA-CL]	No
	280. Embedded Faces [G-FA-EM]	No
	281. Inconsistent Face Orientation on Surface [G-FA-IT]	No
	282. Large Face Edge to Surface Gap [G-FA-EG]	No
	283. Narrow Face Region [G-FA-RN]	No
	284. Narrow Face [G-FA-NA,G-FA-RN]	No
	285. Relative Narrow Face	No
	286. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN]	No
	287. Tiny Face [G-FA-TI]	No
Geometry\Solid\Surface Features\Shells/Volumes	288. Calculation of Shells/Volumes [G-SH-xx]	No
	289. Inconsistent Face Orientation in Shell/Volume [G-SH-IT]	No
	290. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT]	No
	291. Large Face Gaps (G0 Discontinuity) [G-SH-LG]	No

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	292. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS]	No
	293. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT]	No
	294. Open or Overlapping Shell/Volume [G-SH-FR]	No
	295. Over-Used Edge [G-SH-NM]	No
	296. Over-Used Vertex [G-SH-OU]	No
	297. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS]	No
	298. Sharp Face Angle [G-SH-SA]	No
	299. Step edge on boundary of Shell	No
	300. Tangent continuous boundary of Shell	No
Geometry\Solid/Surface Features\General	301. Embedded Solids [G-SO-EM]	Yes
	302. Embedded Surface Features (Shells) [G-SO-EM]	Yes
	303. Multi-Domain Surface (Shell) [G-SO-MU]	No
	304. Multi-Volume Solid [G-SO-MU]	No
	305. Non-Allowed Chamfer Angle	No
	306. Non-Allowed Chamfer Lengths	No
	307. Non-Allowed Solid Fillet Radius	Yes
	308. Non-Allowed Surfacic Fillet Radius	Yes
	309. Solid Void [G-SO-VO]	No
	310. Solid Wall Thickness	No
	311. Tiny Solid [G-SO-TI]	Yes
Geometry\Model	312. Hybrid Model [G-MO-HY]	No
Geometry\Views	313. Embedded Drawing Element [G-DW-EM]	Yes
	314. Tiny Drawing Element [G-DW-TI]	Yes