

The following criteria are available in Q-Checker 1.16.4 for CATIA V4:

| FOLDER | CRITERION NAME | HEALING |
|---------------------------------------|--|---------|
| Batch Criteria | 1. CATCLEAN Category 1 | Yes |
| | 2. CATCLEAN Category 2 | Yes |
| | 3. CATCLEAN Category 3 | Yes |
| | 4. Solid Updateable | Yes |
| | 5. View not updated | Yes |
| PreProcessing | 6. Analyse inertia of solids | No |
| | 7. Delete 3D-Texts | No |
| | 8. Force Update of Solids | No |
| | 9. Publish solids | No |
| | 10. Reframe the Current Screen | No |
| | 11. Set Color Table | No |
| | 12. Set/Reset GHOST Attribute for Parents of Solids | No |
| | 13. Specific Setting of Element Types to Layers | Yes |
| Internal Data Consistency | 14. Consistency of Attributes in current PROJECT Environment | Yes |
| | 15. Consistency of Dimensions and Texts in current PROJECT Environment | Yes |
| | 16. Consistency of Patterns in current PROJECT Environment | Yes |
| | 17. MODEL DIMENSION | No |
| | 18. Model Size | No |
| | 19. Model Standards | Yes |
| | 20. Model Tolerances | No |
| | 21. Model Unit | No |
| | 22. No Coherence Between the Model and the Current PROJECT | No |
| | 23. Permitted Combinations of INDEX and DATA | No |
| Norms and Standards\Saved Model State | 24. Current 2D/3D Working Mode | No |
| | 25. Current Axis System | Yes |
| | 26. Current Draft | Yes |
| | 27. Current Graphic Display Mode of the Model | Yes |
| | 28. Current Layer | Yes |
| | 29. Current Screen | Yes |
| | 30. Current Set | Yes |
| | 31. Current View | Yes |
| | 32. Current Window Definition | Yes |
| | 33. Current Working Mode | Yes |
| | 34. Current Workspace Layer-Filter | Yes |
| | 35. Current Workspace must be *MASTER | Yes |
| | 36. Identify Renumber | No |
| | 37. Non-Allowed CATIA Version and Release | No |
| | 38. Non-Allowed Last Modification Date of Document | No |
| Norms and Standards\Graphic | 39. Color Mode by SET/LAYER/TYPE/VIEW | Yes |

| FOLDER | CRITERION NAME | HEALING |
|-----------------------------------|--|---------|
| | 40. Element Color not NONE | Yes |
| | 41. Empty Shapes | No |
| | 42. Non-Allowed Solid Primitive Color | No |
| | 43. Selected Graphic Attributes of Faces | Yes |
| | 44. Selected Graphic Attributes of Skins | Yes |
| | 45. Selected Graphic Attributes of Solids | Yes |
| | 46. Selected Graphic Attributes of Surfaces | Yes |
| | 47. Selected Graphic Attributes of Volumes | Yes |
| | 48. Selected Graphic Standard for Faces | Yes |
| | 49. Selected Graphic Standard of Draw Elementes | Yes |
| | 50. Selected Graphic Standard of Solids | No |
| | 51. Selected Graphic Standard of Space Elementes | Yes |
| | 52. Selected Graphic Standard of Surfaces | Yes |
| Norms and Standards\Texts | 53. Existence and Content of Texts | No |
| | 54. Iges-conform texts | No |
| | 55. Selected Standard of TEXTD2 Element Attributes | No |
| | 56. Selected Standard of TEXTD2 Standard | Yes |
| | 57. Selected TEXTD2 Element Attributes | Yes |
| | 58. Selected TEXTD2 Standard | Yes |
| Norms and Standards\COMMENT/Names | 59. Axis Name [O-CS-CN] | Yes |
| | 60. Detail Name | No |
| | 61. Draft Name | Yes |
| | 62. Element Name | Yes |
| | 63. Filter Name | No |
| | 64. Law Name | Yes |
| | 65. Model COMMENT | No |
| | 66. Model Name | No |
| | 67. Screen Name | No |
| | 68. Set Name | No |
| | 69. Solid Names match MODEL Name | Yes |
| | 70. Symbol Name | No |
| | 71. Transformation Name | Yes |
| | 72. VIEW Name Must Match DRAFT Name | No |
| | 73. View Name | Yes |
| | 74. Window Name | No |
| Norms and Standards\Workspaces | 75. Compact/Standard Dittos | Yes |
| | 76. Compact/Standard Symbols | Yes |
| | 77. Detail used in Details | No |
| | 78. Identical Details | Yes |
| | 79. Identical Symbols | Yes |
| | 80. Library Detail | Yes |
| | 81. Library Symbol | Yes |
| | 82. Unused Details | Yes |
| | 83. Unused Symbol | Yes |
| Norms and Standards\Sets | 84. Allowed Sets in *MASTER Workspace | Yes |

Q-Checker 1.16.4 for CATIA V4 – Criteria overview



| FOLDER | CRITERION NAME | HEALING |
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| | 85. Empty Set | Yes |
| | 86. Only one Set in *MASTER Workspace | Yes |
| | 87. Set must exist in *MASTER Workspace | No |
| Norms and Standards\Drafts/Views | 88. AUXVIEW Type Views | No |
| | 89. Copied View | No |
| | 90. Draft/View must exist | No |
| | 91. Drawing Frame/Header as Ditto | No |
| | 92. Empty View must exist | No |
| | 93. Empty Views | Yes |
| | 94. Existence and Filling of Attributes Assigned to Ditto | No |
| | 95. Only One Axis System in View | No |
| | 96. Only one Draft | No |
| | 97. Only one View in each Draft | No |
| | 98. Transparency Views | No |
| | 99. View Frames [D-OR-VF] | No |
| | 100. View Scaling | No |
| | 101. View must exist on every Draft | No |
| Norms and Standards\Elements\General | 102. Axis System must exist in *MASTER Workspace | No |
| | 103. Conditional Feature Properties | No |
| | 104. Identical 3D Dittos | Yes |
| | 105. Logically linked Elements (PARENTS) in PICK | Yes |
| | 106. Logically linked Elements (PARENTS) in SHOW | Yes |
| | 107. Model Splitting SPACE/DRAW | No |
| | 108. No Space Geometry outside Working Area [O-CM-OB] | Yes |
| | 109. No isolated Faces/Surfaces | No |
| | 110. No unfixed Axis System | No |
| | 111. Permitted Element Types in Model | Yes |
| | 112. Permitted Element Types in NOPICK | Yes |
| | 113. Permitted Element Types in NOSHOW | Yes |
| | 114. Permitted Element Types in SHOW | Yes |
| | 115. Reverse Axis System | No |
| | 116. Specific Attributes Not Applied to Element | No |
| | 117. User Geometric Elements | Yes |
| Norms and Standards\Elements\Drawing | 118. Fake Dimensions | Yes |
| | 119. Identical 2D Dittos | Yes |
| | 120. Isolated Dimension | Yes |
| Norms and Standards\Solids | 121. Allowed Solid Primitives | No |
| | 122. Imported Solids | No |
| | 123. Inactive Primitives in Solid | Yes |
| | 124. Missing Solid Construction History | No |
| | 125. Multi-Solid Part (Model) [G-MO-MU] | No |
| | 126. One Solid, at least, in model | No |
| | 127. Shared Base Geometry in Solids | No |
| | 128. Smart/Unsmart Solid | Yes |

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| | 129. Solid Update | Yes |
| | 130. Unresolved Primitives in Solid | No |
| | 131. Unused Primitives in Solid | No |
| | 132. Unused Solid Construction Geometry | Yes |
| Norms and Standards\Layer and Filter | 133. Elements in NOSHOW on Layers | Yes |
| | 134. Elements in SHOW on Layers | Yes |
| | 135. Filters which contain no Entity on their visible Layers | Yes |
| | 136. Layer-Filter on Dittos | Yes |
| | 137. Layer-Filter on Views | Yes |
| | 138. Logically linked Elements (PARENTS) on same Layer | Yes |
| | 139. Names of Filter and its visible Layers | Yes |
| | 140. Permitted Element Types on Layers | Yes |
| Geometry\Curves | 141. Embedded Curves and Points [G-CU-EM] | Yes |
| | 142. Fragmented Curve [G-CU-FG] | No |
| | 143. High-Degree Curve [G-CU-HD] | No |
| | 144. Indistinct Knots in NURBS Curve [G-CU-IK] | No |
| | 145. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG] | No |
| | 146. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID] | No |
| | 147. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS] | No |
| | 148. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT] | No |
| | 149. Self-Intersecting Curve [G-CU-IS] | No |
| | 150. Small Curve Radius of Curvature [G-CU-CR] | No |
| | 151. Tiny Curve Segment [G-CU-TI] | No |
| | 152. Tiny Curve [G-CU-TI] | Yes |
| | 153. Wavy Planar Curve [G-CU-WV] | No |
| Geometry\Surfaces | 154. Big Surface Radius of Curvature [G-SU-CR] | No |
| | 155. Degenerate Surface Segment Boundary [G-SU-DC] | No |
| | 156. Degenerate Surface Segment Corner [G-SU-DP] | No |
| | 157. Embedded Surfaces [G-SU-EM] | Yes |
| | 158. Folded Surface [G-SU-FO] | No |
| | 159. Fragmented Surface [G-SU-FG] | No |
| | 160. High Number of Control Points in NURBS Surface [G-SU-xx] | No |
| | 161. High-Degree Surface [G-SU-HD] | No |
| | 162. Indistinct Knots in NURBS Surface [G-SU-IK] | No |
| | 163. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG] | No |
| | 164. Multi-Face Surface [G-SU-MU] | No |
| | 165. Narrow Surface Segment [G-SU-NA,G-SU-RN] | No |
| | 166. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS] | No |

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| | 167. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT] | No |
| | 168. Small Surface Radius of Curvature [G-SU-CR] | No |
| | 169. Tiny Surface [G-SU-TI] | Yes |
| | 170. Non-Uniform Polynomial Degree of Patches in Surfaces [G-SU-xx] | No |
| | 171. Planar Surfaces With Polynomial Degree Greater Than 1 [G-SU-xx] | No |
| | 172. Undefined Surface Normal [G-SU-xx] | No |
| | 173. Unused Surface Segment Rows [G-SU-UN] | No |
| | 174. Wavy Surface [G-SU-WV] | No |
| Geometry\Face Edges | 175. Closed Face Edge[G-ED-CL] | No |
| | 176. Fragmented Face Edge [G-ED-FG] | No |
| | 177. Large Face Edge Segment Gap [G-ED-LG] | No |
| | 178. Tiny Face Edge Segment [G-ED-TI] | No |
| | 179. Tiny Face Edge [G-ED-TI] | No |
| Geometry\Face Loops | 180. Inconsistent Face Edge Orientation in Loop [G-LO-IT] | No |
| | 181. Large Face Edge Gap [G-LO-LG] | No |
| | 182. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS] | No |
| | 183. Sharp Face Edge Angle [G-LO-SA] | No |
| Geometry\Faces | 184. Closed Face[G-FA-CL] | No |
| | 185. Embedded Faces [G-FA-EM] | Yes |
| | 186. Large Face Edge to Surface Gap [G-FA-EG] | No |
| | 187. Narrow Face [G-FA-NA,G-FA-RN] | Yes |
| | 188. Relative Narrow Face | No |
| | 189. Tiny Face [G-FA-TI] | Yes |
| Geometry\Shells/Volumes | 190. Calculation of Shells/Volumes [G-SH-xx] | No |
| | 191. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT] | Yes |
| | 192. Large Face Gaps (G0 Discontinuity) [G-SH-LG] | No |
| | 193. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS] | No |
| | 194. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT] | No |
| | 195. Open or Overlapping Shell/Volume [G-SH-FR] | No |
| | 196. Over-Used Edge [G-SH-NM] | No |
| | 197. Over-Used Vertex [G-SH-OU] | No |
| | 198. Self-Intersecting Volume/Skin [G-SH-IS,G-SO-IS] | No |
| | 199. Sharp Face Angle [G-SH-SA] | No |
| Geometry\Solid/SKD\Surfaces | 200. Big Surface Radius of Curvature in Solid/SKD [G-SU-CR] | No |
| | 201. Degenerate Surface Segment Boundary in Solid/SKD [G-SU-DC] | No |
| | 202. Degenerate Surface Segment Corner in Solid/SKD [G-SU-DP] | No |
| | 203. Embedded Surfaces in Solid/SKD [G-SU-EM] | No |
| | 204. Folded Surface in Solid/SKD [G-SU-FO] | No |
| | 205. Fragmented Surface in Solid/SKD [G-SU-FG] | No |

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| | 206. High Number of Control Points in NURBS Surface in Solid/SKD [G-SU-xx] | No | |
| | 207. High-Degree Surface in Solid/SKD [G-SU-HD] | No | |
| | 208. Indistinct Knots in NURBS Surface in Solid/SKD [G-SU-IK] | No | |
| | 209. Large Surface Segment Gaps (G0 Discontinuity) in Solid/SKD [G-SU-LG] | No | |
| | 210. Multi-Face Surface in Solid/SKD [G-SU-MU] | No | |
| | 211. Narrow Surface Segment in Solid/SKD [G-SU-NA,G-SU-RN] | No | |
| | 212. Non-Smooth Surface Segments (G2 Discontinuity) in Solid/SKD [G-SU-NS] | No | |
| | 213. Non-Tangent Surface Segments (G1 Discontinuity) in Solid/SKD [G-SU-NT] | No | |
| | 214. Planar Surfaces with Polynomial Degree greater than 1 in Solid/SKD [G-SU-xx] | No | |
| | 215. Small Surface Radius of Curvature in Solid/SKD [G-SU-CR] | No | |
| | 216. Tiny Surface in Solid/SKD [G-SU-TI] | No | |
| | 217. Undefined Surface Normal in Solid/SKD [G-SU-xx] | No | |
| | 218. Unused Surface Segment Rows in Solid/SKD [G-SU-UN] | No | |
| | 219. Wavy Surface in Solid/SKD [G-SU-WV] | No | |
| | Geometry\Solid/SKD\Face Edges | 220. Closed Face Edge in Solid/SKD [G-ED-CL] | No |
| | | 221. Fragmented Face Edge in Solid/SKD [G-ED-FG] | No |
| | | 222. Large Face Edge Segment Gap in Solid/SKD [G-ED-LG] | No |
| | | 223. Tiny Face Edge Segment in Solid/SKD [G-ED-TI] | No |
| | | 224. Tiny Face Edge in Solid/SKD [G-ED-TI] | No |
| Geometry\Solid/SKD\Face Loops | 225. Inconsistent Face Edge Orientation in Loop in Solid/SKD [G-LO-IT] | No | |
| | 226. Large Face Edge Gap in Solid/SKD [G-LO-LG] | No | |
| | 227. Self-Intersecting Face Loop in Solid/SKD [G-LO-IS,G-FA-IS] | No | |
| | 228. Sharp Face Edge Angle in Solid/SKD [G-LO-SA] | No | |
| Geometry\Solid/SKD\Faces | 229. Closed Face in Solid/SKD [G-FA-CL] | No | |
| | 230. Embedded Faces in Solid/SKD [G-FA-EM] | No | |
| | 231. Large Face Edge to Surface Gap in Solid/SKD [G-FA-EG] | No | |
| | 232. Narrow Face in Solid/SKD [G-FA-NA,G-FA-RN] | No | |
| | 233. Relative Narrow Face in Solid/SKD | No | |
| | 234. Tangent-Continuous Narrow Face in Solid/SKD [G-FA-NA,G-FA-RN] | No | |

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| | 235. Tiny Face in Solid/SKD [G-FA-TI] | No |
| Geometry\Solid/SKD\Shells/Volumes | 236. Inconsistent Surface Orientation on Shell/Volume in Solid/SKD [G-FA-IT,G-SH-IT] | No |
| | 237. Large Face Gaps (G0 Discontinuity) in Solid/SKD [G-SH-LG] | No |
| | 238. Non-Smooth Faces (G2 Discontinuity) in Solid/SKD [G-SH-NS] | No |
| | 239. Non-Tangent Faces (G1 Discontinuity) in Solid/SKD [G-SH-NT] | No |
| | 240. Open or Overlapping Shell/Volume in Solid/SKD [G-SH-FR] | No |
| | 241. Over-Used Edge in Solid/SKD [G-SH-NM] | No |
| | 242. Over-Used Vertex in Solid/SKD [G-SH-OU] | No |
| | 243. Self-Intersecting Shell/Volume in Solid/SKD [G-SH-IS,G-SO-IS] | No |
| | 244. Sharp Face Angle in Solid/SKD [G-SH-SA] | No |
| Geometry\Solid/SKD\General | 245. Embedded Solids [G-SO-EM] | Yes |
| | 246. Multi-Volume Solid [G-SO-MU] | No |
| | 247. Solid Void [G-SO-VO] | No |
| | 248. Tiny Solid [G-SO-TI] | Yes |
| Geometry\Drawing | 249. Embedded Drawing Elements [G-DW-EM] | Yes |
| | 250. High-Degree Drawing Element [G-DW-HD] | No |
| | 251. Tiny Drawing Element Segment [G-DW-TI] | No |
| | 252. Tiny Drawing Element [G-DW-TI] | Yes |