

The following criteria are available in Q-Checker 2.12.4 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. CATDUAV5 | Yes |
| | 6. Fit All In | No |
| | 7. Recompute the Tool Path for Machining Operations | No |
| | 8. Reset Graphic Properties | No |
| Norms and Standards\Saved Model State | 9. Current Window View | Yes |
| | 10. Current Work Object is PartBody | Yes |
| | 11. Maximum Document File Size | Yes |
| | 12. Non-Allowed CATIA Version and Release | No |
| | 13. Non-Allowed Educational Licence | No |
| | 14. Product/Part Document update | No |
| Norms and Standards\Graphic | 15. Non-Allowed B-Rep/Feature Color | Yes |
| | 16. Non-Allowed B-Rep/Feature Transparency | Yes |
| Norms and Standards\Settings | 17. Display Performance | Yes |
| | 18. Display in Specification Tree | Yes |
| | 19. Geometry Scale | Yes |
| | 20. Machining Settings | No |
| | 21. Magnitude Length | No |
| Norms and Standards\Texts | 22. 2D-Component Text Must Match Sheet Name | Yes |
| | 23. Existence and Content of Applicative Feature Attribute | Yes |
| | 24. Existence and Content of Texts | No |
| | 25. Existence and Text Content of Parameters in Drawing | No |
| | 26. Existence and Text Content of Parameters in Part | No |
| | 27. Existence and Text Content of Parameters in Product | No |
| | 28. Feature without Annotation Note | No |
| | 29. Non-Allowed Formula Value | No |
| | 30. Parameter Not Linked to Text | No |
| | 31. Permitted Text Fonts | Yes |
| | 32. Selected Text/Dimension Attributes | Yes |
| | 33. Text Not Linked to Parameter | No |
| | Norms and Standards\Description/Names | 34. CATDrawing Name |
| 35. CATPart Name | | No |
| 36. CATProduct Name | | No |
| 37. Coherence between Product Component Name and associated File Name | | No |
| 38. Detail-Sheet Name | | Yes |
| 39. Detail-View Name | | Yes |
| 40. Element Name | | Yes |
| 41. Filter Name | | No |
| 42. Instance Name Must Match Part Number | | Yes |

| FOLDER | CRITERION NAME | HEALING |
|----------------------------------|---|---------|
| | 43. Layer Name | No |
| | 44. Model Definition | Yes |
| | 45. Model Description | Yes |
| | 46. Model Name | No |
| | 47. Model Nomenclature | Yes |
| | 48. Model Revision | No |
| | 49. Model Source | No |
| | 50. Non-Standard Feature Name [O-EL-EN] | No |
| | 51. Product Component Name | No |
| | 52. Publication Name Must Match Published Element Name | No |
| | 53. Published Element Name | Yes |
| | 54. Result Element Name Must Match Body Name | Yes |
| | 55. Root Part Name (Part Number) Must Match CATPart Name | Yes |
| | 56. Root-Part Name (Part Number) | Yes |
| | 57. Root-Product Name | Yes |
| | 58. Root-Product Name Must Match CATProduct Name | Yes |
| | 59. Sheet Name | Yes |
| | 60. Solid Names Must Match CATPart Name | Yes |
| | 61. View Name | Yes |
| | 62. View Name Must Match Sheet Name | No |
| Norms and Standards\Sheets/Views | 63. Active Sheet | Yes |
| | 64. CATPart/CATProduct Name linked to View Must Match CATDrawing Name | No |
| | 65. Detail used in Details | No |
| | 66. Drafting Standard Corresponds to Reference Document Standard | No |
| | 67. Drafting Standard Name | Yes |
| | 68. Drawing Frame/Header as 2D Component | No |
| | 69. Empty Detail Sheets | Yes |
| | 70. Empty Detail Views | Yes |
| | 71. Empty Sheets | Yes |
| | 72. Empty View must exist | No |
| | 73. Empty Views | Yes |
| | 74. Locked Views | Yes |
| | 75. No active Background Detail View | Yes |
| | 76. No active Background View | Yes |
| | 77. No active Detail View in Detail Sheet | Yes |
| | 78. No active View in Sheet | Yes |
| | 79. Non-Allowed Sheet Size | No |
| | 80. Non-Exposed/Exploded 2D-Component | Yes |
| | 81. Only one Sheet per Drawing | No |
| | 82. Only one View in each Sheet | No |
| | 83. Permitted Generative View Style | No |
| | 84. Scale of External 2D Component | Yes |

| FOLDER | CRITERION NAME | HEALING |
|--|--|---------|
| | 85. Sheet Format | No |
| | 86. Sheet Frame | Yes |
| | 87. Sheet Must Exist | No |
| | 88. Sheet Projection Method | No |
| | 89. Sheet/View must exist | No |
| | 90. Unused Details | Yes |
| | 91. View Angle | Yes |
| | 92. View Frame Visibility | Yes |
| | 93. View Frames [D-OR-VF] | No |
| | 94. View Name is the Same in Specification Tree and in the View | No |
| | 95. View Outside of Sheet | Yes |
| | 96. View Scaling | No |
| | 97. View Update | Yes |
| | 98. View not linked to CATPart/CATProduct | No |
| | 99. View with broken link to CATPart/CATProduct | No |
| Norms and Standards\Elements\General | 100. Activated Feature | Yes |
| | 101. Conditional Feature Properties | Yes |
| | 102. Deactivated Feature | Yes |
| | 103. Elements in Specific Bodies Must Be Published | No |
| | 104. Empty Body | Yes |
| | 105. Empty Body Must Exist | No |
| | 106. Maximum Number of Elements | No |
| | 107. No Space Geometry Outside Working Area [O-CM-OB] | Yes |
| | 108. Non-Allowed Assembly Constraints | No |
| | 109. Non-Allowed Associative Feature | Yes |
| | 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 | Yes |
| | 118. User defined Feature [O-EL-UD] | No |
| 119. Visualization State of Published Entities | Yes | |
| Norms and Standards\Elements\Drawings | 120. Drawing Picture Properties | No |
| | 121. Fake Dimensions | Yes |
| | 122. Identical 2D Components | Yes |
| | 123. Non Associative Dimensions (on 3D) | Yes |
| | 124. Non Associative Drawing Entities (on 3D) | Yes |
| | 125. Non up-to-date Dimensions | Yes |
| | 126. Non-Standard Display Accuracy of Dimension [D-OR-DI] | Yes |
| | 127. Scale Text Must Match View Scale Value | No |

| FOLDER | CRITERION NAME | HEALING |
|---|---|---------|
| Norms and Standards\Elements\Sketches | 128. Empty Sketch | Yes |
| | 129. Non-Allowed Deactivated Constraints in Sketch | No |
| | 130. Non-Allowed Sketch Constraint Types | No |
| | 131. Non-Allowed Sketch Element Linked to Origin | No |
| | 132. Non-Allowed Sketch Positioning Type | Yes |
| | 133. Non-Allowed Types in Sketch | No |
| Norms and Standards\Elements\Axis Systems | 134. Allowed Axis-System Position | No |
| | 135. Axis-System Name [O-CS-CN] | Yes |
| | 136. Current Axis System | Yes |
| | 137. Non-Reference Axis System Active [O-CS-NR] | Yes |
| | 138. Non-Standard Axis System [O-CS-NO] | No |
| Norms and Standards\Solids | 139. Allowed Solid Features | No |
| | 140. Maximum Number of Solid Features per Body | No |
| | 141. Missing Solid Construction History [O-SO-MH] | No |
| | 142. Multi-Solid Part (Model) [G-MO-MU] | No |
| | 143. Negative Bodies / Sub-Bodies | No |
| | 144. One Solid, at least, in Part | No |
| | 145. Only one Profile per Solid Feature | No |
| | 146. Solid Feature with Child Elements | No |
| | 147. Solid Update | Yes |
| | 148. Unused Solid Construction Geometry | No |
| Norms and Standards\Material | 149. Linked/Unlinked Material | No |
| | 150. Material Assignment Must Exist for Element Type | No |
| | 151. Material Assignment is Allowed for Element Type | No |
| | 152. Material Corresponds to Material Reference Catalog | No |
| Norms and Standards\Layer and Filter | 153. Current Filter for Layer Group [O-GL-LA] | Yes |
| | 154. Elements in NOSHOW on Layers | Yes |
| | 155. Elements in SHOW on Layers | Yes |
| | 156. Filter and Layer Definition | No |
| | 157. Permitted Element Types on Layers | Yes |
| | 158. Unused Filter [O-GL-GL] | Yes |
| Methodology\General | 159. Deactivated Knowledgeware Relation | No |
| | 160. Non-Allowed Geometry Scale | No |
| | 161. Non-Allowed Infinite Lines | No |
| | 162. Non-Allowed User-Defined Properties of Root-Product/Part | Yes |
| | 163. Unresolved (Non-Synchronized) Knowledgeware Relation | No |
| | 164. User-Defined Properties Not Applied to Root-Product/Part | Yes |
| Methodology\Product | 165. Assembly Constraints Must Reference Published Elements | No |
| | 166. At least one Constraint per Product | No |
| | 167. Degree of Freedom of Product Components Equals Zero | No |
| | 168. Flexible Product/Structure Component | No |
| | 169. Kinematics Degree of Freedom of Mechanism Equals Zero | No |

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|---|--|---------|
| | 170. Non-Allowed Link Target | No |
| | 171. Non-Allowed MML (Multi-Model-Link) in Product-Context | No |
| | 172. Non-Allowed Path for Linked Document | No |
| | 173. Non-Allowed Shape Component Type | No |
| | 174. Non-Identity Positioning Matrix | No |
| | 175. Non-Isometric Positioning Matrix | No |
| | 176. Product Clash Detection | No |
| | 177. Product component with broken link to CATPart/CATProduct | No |
| | 178. Structure of Product Specification Tree | No |
| | 179. The Same Feature Registered in More Than One DMU-Group [O-GL-IG] | No |
| Methodology\CATPart | 180. User Defined Properties Not Applied to Part Component | No |
| | 181. Area Ratio of Surfaces in Specific Bodies | No |
| | 182. Associative Elements (Parent/Children) in Specific Bodies | No |
| | 183. Center of Gravity | Yes |
| | 184. Constraints Referencing the H or V Axis | No |
| | 185. Construction Order of Solid Features in Bodies | No |
| | 186. Coordinates-Point Definition | No |
| | 187. Edge-Fillet/Variable-Radius-Fillet Definition | No |
| | 188. Elements without Child Elements in Specific Bodies | Yes |
| | 189. Feature Must Exist in Specific Bodies | No |
| | 190. Features with External Links (Multi-Model-Link) in Part | Yes |
| | 191. Healing Definition | No |
| | 192. Inverted Surface Orientation Corresponds to Thick Surface Orientation | Yes |
| | 193. Join Definition | No |
| | 194. MML (Multi-Model-Link) Reference Not Published | No |
| | 195. MML (Multi-Model-Link) Reference Not Published (by Name Evaluation) | No |
| | 196. Material Orientation corresponds to Surface Orientation | Yes |
| | 197. Non-Allowed Component Formula in Part | Yes |
| | 198. Non-Allowed Input Reference to Vertex / Edge / Face | No |
| | 199. Non-Allowed MML (Multi-Model-Link) | No |
| | 200. Non-Allowed Parent/Child Relationship | No |
| 201. Non-Allowed Path of Parent Feature | No | |
| 202. Non-Allowed Solid Feature Mixed With Boolean Feature | No | |
| 203. Offset Capability (Thick Surface) of Thin Parts | No | |
| 204. Offset Capability of Surface | No | |
| 205. Only One Surface Allowed in Specific Bodies | No | |
| 206. Only one Curve in Sketch | No | |
| 207. Open Body in Body | No | |
| 208. Permitted Body for non-associative Datum Features | No | |
| 209. Saving as V4 Data | No | |
| 210. Shell Definition | No | |

| FOLDER | CRITERION NAME | HEALING |
|---|---|---------|
| | 211. Sketch Not Fully Constrained | No |
| | 212. Structure of Part Specification Tree | Yes |
| | 213. Surface Must Exist in Specific Bodies | No |
| | 214. Surface Must Have Thin Part Attribute in Specific Bodies | Yes |
| | 215. Thick Surface Definition | No |
| | 216. Thin Part Orientation corresponds to Surface Orientation | No |
| | 217. Thread Definition | No |
| Methodology\Process | 218. Consistent Settings for Machining Operations | No |
| | 219. Machining Operation Feeds and Speeds Properties | No |
| | 220. NC Machining Fixture | No |
| | 221. NC Machining Rough Stock | No |
| | 222. NC Machining Safety Plane | No |
| | 223. Non Allowed Machining Operation Tool Name | No |
| | 224. Non-Allowed NC Machine | No |
| | 225. Non-Allowed NC Machine PPWords Table | No |
| Methodology\CATAnalysis | 226. Non-Allowed PPWords | No |
| Methodology\CATAnalysis | 227. Non-Allowed OCTREE Tetrahedron Mesh Element Type | No |
| Methodology\FT/A | 228. Active Capture | Yes |
| | 229. Allowed FT/A Dimension Unit | No |
| | 230. Camera Name Must Match Capture Name | Yes |
| | 231. Capture Definition | No |
| | 232. FT/A Fake Dimensions | Yes |
| | 233. FT/A Reference System Must Exist | Yes |
| | 234. FT/A Tolerancing Standard | No |
| | 235. FT/A Types Must Be Assigned to Specific Captures | Yes |
| | 236. Geometry Linked to FT/A in NOSHOW | Yes |
| | 237. Non-Allowed Activation Status of Annotation Set | Yes |
| | 238. Non-Allowed Basic Dimension Reference | No |
| | 239. Non-Allowed Link of FT/A Elements | No |
| | 240. Non-Allowed Semantic/Non-Semantic FT/A Elements | No |
| | 241. Occurrences of FT/A Types in Captures | No |
| | 242. Permitted FT/A Type in Specific Capture | No |
| | 243. Permitted NOA Attributes | No |
| | 244. Separator for Geometrical Tolerance | Yes |
| | 245. View Name Must Match Capture Name | Yes |
| 246. View Orientation Corresponds to Camera Orientation | No | |
| Methodology\Sheetmetal | 247. Conical Bend Definition | No |
| | 248. Cylindrical Bend Definition | No |
| | 249. Fold/Unfold-Sheet Metal Visualization | No |
| | 250. Sheet Metal Parameters | No |
| Methodology\Composite | 251. Composite Material Catalog Path | No |
| | 252. Composite Material Parameter State | No |
| | 253. Ply Definition | No |
| | 254. Ply Surface Must Match PlyGroup Surface | No |
| | 255. Ply with Invalid Contour | No |

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|--|---|---------|
| Methodology\Electrics | 256. Bundle Segment Properties | No |
| | 257. Consistency of Branchables in Multi-Branchable | Yes |
| | 258. Consistency of Bundle Segments in Multi-Branchable | No |
| | 259. Electrical Data Availability | Yes |
| | 260. Electrical Protective Coverings | No |
| | 261. Electrical Reference Designator | No |
| | 262. Electrical Topology | No |
| | 263. Empty Multi-Branchable / Bundle Segment Part | Yes |
| | 264. Light Electrical Protective Coverings | No |
| | 265. Lost Electrical Properties of Curve | No |
| | 266. Multipart Bundle Segment | No |
| | 267. Non-allowed Electrical Document Type | No |
| | 268. Support Plane must be Parallel to Reference Plane | No |
| | 269. Unlinked Supports in GBN | No |
| 270. Unused Electrical Elements in Part | Yes | |
| Geometry\Curve Features\Curves | 271. Fragmented Curve [G-CU-FG] | No |
| | 272. High-Degree Curve [G-CU-HD] | No |
| | 273. Indistinct Knots in NURBS Curve [G-CU-IK] | No |
| | 274. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG] | No |
| | 275. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID] | No |
| | 276. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS] | No |
| | 277. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT] | No |
| | 278. Small Curve Radius of Curvature [G-CU-CR] | No |
| | 279. Tiny Curve Segment [G-CU-TI] | No |
| | 280. Tiny Curve [G-CU-TI] | No |
| | 281. Wavy Planar Curve [G-CU-WV] | No |
| Geometry\Curve Features\Wires | 282. Embedded Wires and Points [G-CU-EM] | No |
| | 283. Large Curve Gaps (G0 Discontinuity) [G-CU-LG] | No |
| | 284. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS] | No |
| | 285. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT] | No |
| | 286. Self-Intersecting Wire [G-CU-IS] | No |
| | 287. Tiny Wire [G-CU-TI] | No |
| Geometry\Curve Features\General | 288. Multi-Domain Curve [G-CU-MU] | No |
| Geometry\Solid\Surface Features\Surfaces | 289. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN] | No |
| | 290. Big Curvature Radius in Surface [G-SU-CR] | No |
| | 291. Degenerate Surface Segment Boundary [G-SU-DC] | No |
| | 292. Degenerate Surface Segment Corner [G-SU-DP] | No |
| | 293. Embedded Surfaces [G-SU-EM] | No |
| | 294. Folded Surface [G-SU-FO] | No |
| | 295. Fragmented Surface [G-SU-FG] | No |

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|--|---|---------|
| | 296. High Number of Control Points in NURBS Surface [G-SU-xx] | No |
| | 297. High-Degree Surface [G-SU-HD] | No |
| | 298. Indistinct Knots in NURBS Surface [G-SU-IK] | No |
| | 299. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG] | No |
| | 300. Multi-Face Surface [G-SU-MU] | No |
| | 301. Narrow Surface Segment [G-SU-NA,G-SU-RN] | No |
| | 302. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS] | No |
| | 303. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT] | No |
| | 304. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx] | No |
| | 305. Self-Intersecting Surface [G-SU-IS] | No |
| | 306. Small Curvature Radius in Surface [G-SU-CR] | No |
| | 307. Small Curvature Radius in Thin-Part Surface | No |
| | 308. Tiny Surface [G-SU-TI] | No |
| | 309. Undefined Surface Normal [G-SU-xx] | No |
| | 310. Unused Surface Segment Rows [G-SU-UN] | No |
| | 311. Wavy Surface [G-SU-WV] | No |
| Geometry\Solid\Surface Features\Face Edges | 312. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN] | No |
| | 313. Closed Face Edge [G-ED-CL] | No |
| | 314. Fragmented Face Edge [G-ED-FG] | No |
| | 315. Tiny Face Edge Segment [G-ED-TI] | No |
| | 316. Tiny Face Edge [G-ED-TI] | No |
| Geometry\Solid\Surface Features\Face Loops | 317. Inconsistent Face Edge Orientation in Loop [G-LO-IT] | No |
| | 318. Large Face Edge Gap [G-LO-LG] | No |
| | 319. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS] | No |
| | 320. Sharp Face Edge Angle [G-LO-SA] | No |
| Geometry\Solid\Surface Features\Faces | 321. Closed Face [G-FA-CL] | No |
| | 322. Embedded Faces [G-FA-EM] | No |
| | 323. Inconsistent Face Orientation on Surface [G-FA-IT] | No |
| | 324. Large Face Edge to Surface Gap [G-FA-EG] | No |
| | 325. Narrow Face Region [G-FA-RN] | No |
| | 326. Narrow Face [G-FA-NA,G-FA-RN] | No |
| | 327. Relative Narrow Face | No |
| | 328. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN] | No |
| | 329. Tiny Face [G-FA-TI] | No |
| Geometry\Solid\Surface Features\Shells/Volumes | 330. Calculation of Shells/Volumes [G-SH-xx] | No |
| | 331. Inconsistent Face Orientation in Shell/Volume [G-SH-IT] | No |
| | 332. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT] | No |
| | 333. Large Face Gaps (G0 Discontinuity) [G-SH-LG] | No |
| | 334. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS] | No |

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|---|---|---------|
| | 335. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT] | No |
| | 336. Open or Overlapping Shell/Volume [G-SH-FR] | No |
| | 337. Over-Used Edge [G-SH-NM] | No |
| | 338. Over-Used Vertex [G-SH-OU] | No |
| | 339. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS] | No |
| | 340. Sharp Face Angle [G-SH-SA] | No |
| | 341. Step Edge on Boundary of Shell | No |
| | 342. Tangent continuous boundary of Shell | No |
| Geometry\Solid/Surface Features\General | 343. Embedded Solids [G-SO-EM] | Yes |
| | 344. Embedded Surface Features (Shells) [G-SO-EM] | Yes |
| | 345. Multi-Domain Surface (Shell) [G-SO-MU] | No |
| | 346. Multi-Volume Solid [G-SO-MU] | No |
| | 347. Non-Allowed Chamfer Angle | No |
| | 348. Non-Allowed Chamfer Lengths | No |
| | 349. Non-Allowed Solid Fillet Radius | Yes |
| | 350. Non-Allowed Surfacic Fillet Radius | Yes |
| | 351. Solid Void [G-SO-VO] | No |
| | 352. Solid Wall Thickness | No |
| | 353. Tiny Solid [G-SO-TI] | Yes |
| Geometry\Model | 354. Hybrid Model [G-MO-HY] | No |
| Geometry\Views | 355. Embedded Drawing Element [G-DW-EM] | Yes |
| | 356. Tiny Drawing Element [G-DW-TI] | Yes |