

## Q-Checker 2.12.5 for CATIA V5 – Criteria overview



The following criteria are available in Q-Checker 2.12.5 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-Allowed Element Type in 2D Component                   | No      |
|  | 127. Non-Standard Display Accuracy of Dimension [D-OR-DI]       | Yes     |

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

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

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

| FOLDER                                   | CRITERION NAME  | HEALING |
|--|---|---------|
|  | 256. Ply with Invalid Contour   | No      |
| Methodology\Electrics                    | 257. Bundle Segment Properties  | No      |
|  | 258. Consistency of Branchables in Multi-Branchable                   | Yes     |
|  | 259. Consistency of Bundle Segments in Multi-Branchable               | No      |
|  | 260. Electrical Data Availability                                     | Yes     |
|  | 261. Electrical Protective Coverings                                  | No      |
|  | 262. Electrical Reference Designator                                  | No      |
|  | 263. Electrical Topology  | No      |
|  | 264. Empty Multi-Branchable / Bundle Segment Part                     | Yes     |
|  | 265. Light Electrical Protective Coverings                            | No      |
|  | 266. Lost Electrical Properties of Curve                              | No      |
|  | 267. Multipart Bundle Segment   | No      |
|  | 268. Non-allowed Electrical Document Type                             | No      |
|  | 269. Support Plane must be Parallel to Reference Plane                | No      |
|  | 270. Unlinked Supports in GBN   | No      |
| 271. Unused Electrical Elements in Part  | Yes   |         |
| Geometry\Curve Features\Curves           | 272. Fragmented Curve [G-CU-FG]                                       | No      |
|  | 273. High-Degree Curve [G-CU-HD]                                      | No      |
|  | 274. Indistinct Knots in NURBS Curve [G-CU-IK]                        | No      |
|  | 275. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG]            | No      |
|  | 276. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID]    | No      |
|  | 277. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS]           | No      |
|  | 278. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT]          | No      |
|  | 279. Small Curve Radius of Curvature [G-CU-CR]                        | No      |
|  | 280. Tiny Curve Segment [G-CU-TI]                                     | No      |
|  | 281. Tiny Curve [G-CU-TI]   | No      |
|  | 282. Wavy Planar Curve [G-CU-WV]                                      | No      |
| Geometry\Curve Features\Wires            | 283. Embedded Wires and Points [G-CU-EM]                              | No      |
|  | 284. Large Curve Gaps (G0 Discontinuity) [G-CU-LG]                    | No      |
|  | 285. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS]                   | No      |
|  | 286. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT]                  | No      |
|  | 287. Self-Intersecting Wire [G-CU-IS]                                 | No      |
|  | 288. Tiny Wire [G-CU-TI]  | No      |
| Geometry\Curve Features\General          | 289. Multi-Domain Curve [G-CU-MU]                                     | No      |
| Geometry\Solid\Surface Features\Surfaces | 290. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN] | No      |
|  | 291. Big Curvature Radius in Surface [G-SU-CR]                        | No      |
|  | 292. Degenerate Surface Segment Boundary [G-SU-DC]                    | No      |
|  | 293. Degenerate Surface Segment Corner [G-SU-DP]                      | No      |
|  | 294. Embedded Surfaces [G-SU-EM]                                      | No      |
|  | 295. Folded Surface [G-SU-FO]   | No      |
|  | 296. Fragmented Surface [G-SU-FG]                                     | No      |

| FOLDER   | CRITERION NAME  | HEALING |
|--|---|---------|
|  | 297. High Number of Control Points in NURBS Surface [G-SU-xx]           | No      |
|  | 298. High-Degree Surface [G-SU-HD]                                      | No      |
|  | 299. Indistinct Knots in NURBS Surface [G-SU-IK]                        | No      |
|  | 300. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG]            | No      |
|  | 301. Multi-Face Surface [G-SU-MU]                                       | No      |
|  | 302. Narrow Surface Segment [G-SU-NA,G-SU-RN]                           | No      |
|  | 303. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS]           | No      |
|  | 304. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT]          | No      |
|  | 305. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx]    | No      |
|  | 306. Self-Intersecting Surface [G-SU-IS]                                | No      |
|  | 307. Small Curvature Radius in Surface [G-SU-CR]                        | No      |
|  | 308. Small Curvature Radius in Thin-Part Surface                        | No      |
|  | 309. Tiny Surface [G-SU-TI]   | No      |
|  | 310. Undefined Surface Normal [G-SU-xx]                                 | No      |
|  | 311. Unused Surface Segment Rows [G-SU-UN]                              | No      |
|  | 312. Wavy Surface [G-SU-WV]   | No      |
| Geometry\Solid\Surface Features\Face Edges     | 313. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN]              | No      |
|  | 314. Closed Face Edge [G-ED-CL]   | No      |
|  | 315. Fragmented Face Edge [G-ED-FG]                                     | No      |
|  | 316. Tiny Face Edge Segment [G-ED-TI]                                   | No      |
|  | 317. Tiny Face Edge [G-ED-TI]   | No      |
| Geometry\Solid\Surface Features\Face Loops     | 318. Inconsistent Face Edge Orientation in Loop [G-LO-IT]               | No      |
|  | 319. Large Face Edge Gap [G-LO-LG]                                      | No      |
|  | 320. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS]                      | No      |
|  | 321. Sharp Face Edge Angle [G-LO-SA]                                    | No      |
| Geometry\Solid\Surface Features\Faces          | 322. Closed Face [G-FA-CL]  | No      |
|  | 323. Embedded Faces [G-FA-EM]   | No      |
|  | 324. Inconsistent Face Orientation on Surface [G-FA-IT]                 | No      |
|  | 325. Large Face Edge to Surface Gap [G-FA-EG]                           | No      |
|  | 326. Narrow Face Region [G-FA-RN]                                       | No      |
|  | 327. Narrow Face [G-FA-NA,G-FA-RN]                                      | No      |
|  | 328. Relative Narrow Face   | No      |
|  | 329. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN]                   | No      |
|  | 330. Tiny Face [G-FA-TI]  | No      |
| Geometry\Solid\Surface Features\Shells/Volumes | 331. Calculation of Shells/Volumes [G-SH-xx]                            | No      |
|  | 332. Inconsistent Face Orientation in Shell/Volume [G-SH-IT]            | No      |
|  | 333. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT] | No      |
|  | 334. Large Face Gaps (G0 Discontinuity) [G-SH-LG]                       | No      |
|  | 335. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS]                      | No      |

| FOLDER                                  | CRITERION NAME  | HEALING |
|---|---|---------|
|   | 336. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT]   | No      |
|   | 337. Open or Overlapping Shell/Volume [G-SH-FR]       | No      |
|   | 338. Over-Used Edge [G-SH-NM]                         | No      |
|   | 339. Over-Used Vertex [G-SH-OU]                       | No      |
|   | 340. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS] | No      |
|   | 341. Sharp Face Angle [G-SH-SA]                       | No      |
|   | 342. Step Edge on Boundary of Shell                   | No      |
|   | 343. Tangent continuous boundary of Shell             | No      |
| Geometry\Solid\Surface Features\General | 344. Embedded Solids [G-SO-EM]                        | Yes     |
|   | 345. Embedded Surface Features (Shells) [G-SO-EM]     | Yes     |
|   | 346. Multi-Domain Surface (Shell) [G-SO-MU]           | No      |
|   | 347. Multi-Volume Solid [G-SO-MU]                     | No      |
|   | 348. Non-Allowed Chamfer Angle                        | No      |
|   | 349. Non-Allowed Chamfer Lengths                      | No      |
|   | 350. Non-Allowed Solid Fillet Radius                  | Yes     |
|   | 351. Non-Allowed Surfacic Fillet Radius               | Yes     |
|   | 352. Solid Void [G-SO-VO]                             | No      |
|   | 353. Solid Wall Thickness                             | No      |
|   | 354. Tiny Solid [G-SO-TI]                             | Yes     |
| Geometry\Model                          | 355. Hybrid Model [G-MO-HY]                           | No      |
| Geometry\Views                          | 356. Embedded Drawing Element [G-DW-EM]               | Yes     |
|   | 357. Tiny Drawing Element [G-DW-TI]                   | Yes     |