

The following criteria are available in Q-Checker 2.15.3 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	Yes
	11. Maximum Document File Size	No
	12. Non-Allowed CATIA Version and Release	No
	13. Non-Allowed Educational Licence	No
	14. Product/Part update	Yes
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	No
	20. Machining Settings	No
	21. Magnitude Length	No
	22. View Mode	Yes
Norms and Standards\Texts	23. 2D-Component Text Must Match Sheet Name	Yes
	24. Content of Root Feature Attribute	No
	25. Existence and Content of Applicative Feature Attribute	Yes
	26. Existence and Content of Texts	Yes
	27. Existence and Text Content of Parameters in Drawing	No
	28. Existence and Text Content of Parameters in Part	No
	29. Existence and Text Content of Parameters in Product	No
	30. Feature without Annotation Note	No
	31. Formula Must Exist	No
	32. Non-Allowed Formula Value	Yes
	33. Parameter Must Exist and Content Must Match Root-Feature Name	Yes
	34. Parameter Not Linked to Text	No
	35. Permitted Text Fonts	Yes
	36. Selected Text/Dimension Attributes	Yes
	37. Text Not Linked to Parameter	No
Norms and Standards\Description/Names	38. CATDrawing Name	No
	39. CATPart Name	No
	40. CATProduct Name	No
	41. Coherence between Product Component Name and associated File Name	No

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

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	84. Non-Allowed View Generation Mode	No
	85. Non-Exposed/Exploded 2D-Component	Yes
	86. Only one Sheet per Drawing	No
	87. Only one View in each Sheet	No
	88. Permitted Generative View Style	No
	89. Scale of External 2D Component	Yes
	90. Sheet Format	No
	91. Sheet Frame	Yes
	92. Sheet Must Exist	No
	93. Sheet Projection Method	No
	94. Sheet Scaling	No
	95. Sheet/View must exist	No
	96. Unused Details	Yes
	97. View Angle	Yes
	98. View Frame Visibility	Yes
	99. View Frames [D-OR-VF]	No
	100. View Name is the Same in Specification Tree and in the View	No
	101. View Outside of Sheet	Yes
	102. View Scaling	No
	103. View Update	Yes
	104. View not linked to CATPart/CATProduct	No
	105. View with broken link to CATPart/CATProduct	No
Norms and Standards\Elements\General	106. Activated Feature	Yes
	107. Conditional Feature Properties	Yes
	108. Deactivated Feature	Yes
	109. Elements in Specific Bodies Must Be Published	No
	110. Empty Body	Yes
	111. Empty Body Must Exist	No
	112. Low Intensity	Yes
	113. Maximum Number of Elements	No
	114. No Space Geometry Outside Working Area [O-CM-OB]	Yes
	115. Non-Allowed Assembly Constraints	No
	116. Non-Allowed Associative Feature	Yes
	117. Permitted Element Types in Model	Yes
	118. Permitted Element Types in NOPICK	Yes
	119. Permitted Element Types in NOSHOW	Yes
	120. Permitted Element Types in PICK	Yes
	121. Permitted Element Types in SHOW	Yes
	122. Permitted Surface Feature Types in Specific Bodies	No
	123. The Same Feature Registered in More Than One Body [O-GL-IG]	No
	124. Unresolved Feature	Yes
	125. User defined Feature [O-EL-UD]	No
	126. Visualization State of Published Entities	Yes

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Norms and Standards\Elements\Drawings	127. Drawing Picture Properties	No
	128. Fake Dimensions	Yes
	129. Identical 2D Components	Yes
	130. Non Associative Dimensions (on 3D)	Yes
	131. Non Associative Drawing Entities (on 3D)	Yes
	132. Non up-to-date Dimensions	Yes
	133. Non-Allowed Element Type in 2D Component	No
	134. Non-Allowed overlapping feature	No
	135. Non-Standard Display Accuracy of Dimension [D-OR-DI]	Yes
	136. Scale Text Must Match View Scale Value	No
Norms and Standards\Elements\Sketches	137. Empty Sketch	Yes
	138. Non-Allowed Deactivated Constraints in Sketch	No
	139. Non-Allowed Sketch Constraint Types	No
	140. Non-Allowed Sketch Element Linked to Origin	No
	141. Non-Allowed Sketch Positioning Type	Yes
Norms and Standards\Elements\Axis Systems	142. Non-Allowed Types in Sketch	No
	143. Allowed Axis-System Position	No
	144. Axis-System Name [O-CS-CN]	Yes
	145. Current Axis System	Yes
	146. Non-Reference Axis System Active [O-CS-NR]	Yes
Norms and Standards\Solids	147. Non-Standard Axis System [O-CS-NO]	No
	148. Allowed Solid Features	No
	149. Maximum Number of Solid Features per Body	No
	150. Missing Solid Construction History [O-SO-MH]	No
	151. Multi-Solid Part (Model) [G-MO-MU]	No
	152. Negative Bodies / Sub-Bodies	No
	153. One Solid, at least, in Part	No
	154. Only one Profile per Solid Feature	No
	155. Solid Feature with Child Elements	No
	156. Solid Update	Yes
Norms and Standards\Material	157. Unused Solid Construction Geometry	No
	158. Linked/Unlinked Material	No
	159. Material Assignment Must Exist for Element Type	No
	160. Material Assignment is Allowed for Element Type	No
	161. Material Corresponds to Material Reference Catalog	No
Norms and Standards\Layer and Filter	162. User-Defined Property Value Must Match Material in Catalog	No
	163. Current Filter for Layer Group [O-GL-LA]	Yes
	164. Elements in NOSHOW on Layers	Yes
	165. Elements in SHOW on Layers	Yes
	166. Filter and Layer Definition	No
	167. Permitted Element Types on Layers	Yes
Methodology\General	168. Unused Filter [O-GL-GL]	Yes
	169. Deactivated Knowledgeware Relation	No
	170. Non-Allowed Geometry Scale	No

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	171. Non-Allowed Infinite Lines	No
	172. Non-Allowed Knowledgeware Relation Check Status	No
	173. Non-Allowed Models/Catalogs/... in Session	No
	174. Non-Allowed User-Defined Properties of Root-Product/Part	Yes
	175. Unresolved (Non-Synchronized) Knowledgeware Relation	No
	176. User-Defined Properties Not Applied to Root-Product/Part	Yes
Methodology\Product	177. Assembly Constraints Must Reference Published Elements	No
	178. At least one Constraint per Product	No
	179. Degree of Freedom of Product Components Equals Zero	No
	180. Flexible Product/Structure Component	No
	181. Kinematics Degree of Freedom of Mechanism Equals Zero	No
	182. Non-Allowed Link Target	No
	183. Non-Allowed MML (Multi-Model-Link) in Product-Context	No
	184. Non-Allowed Path for Linked Document	No
	185. Non-Allowed Shape Component Type	No
	186. Non-Identity Positioning Matrix	No
	187. Non-Isometric Positioning Matrix	No
	188. Product Clash Detection	No
	189. Product component with broken link to CATPart/CATProduct	No
	190. Structure of Product Specification Tree	No
	191. The Same Feature Registered in More Than One DMU-Group [O-GL-IG]	No
	192. User Defined Properties Not Applied to Part Component	No
Methodology\CATPart	193. Area Ratio of Surfaces in Specific Bodies	No
	194. Associative Elements (Parent/Children) in Specific Bodies	No
	195. Center of Gravity	Yes
	196. Constraints Referencing the H or V Axis	No
	197. Construction Order of Solid Features in Bodies	No
	198. Coordinates-Point Definition	No
	199. Edge/Variable-Radius/Chordal Fillets Definition	No
	200. Elements without Child Elements in Specific Bodies	Yes
	201. Feature Must Exist in Specific Bodies	No
	202. Features with External Links (Multi-Model-Link) in Part	Yes
	203. Healing Definition	No
	204. Inverted Surface Orientation Corresponds to Thick Surface Orientation	Yes
	205. Join Definition	No
	206. MML (Multi-Model-Link) Reference Not Published	No
	207. MML (Multi-Model-Link) Reference Not Published (by Name Evaluation)	No
	208. Material Orientation corresponds to Surface Orientation	Yes
	209. Non-Allowed Component Formula in Part	Yes

FOLDER	CRITERION NAME	HEALING
	210. Non-Allowed Direction of Offset Surface Feature	No
	211. Non-Allowed Input Reference to Vertex / Edge / Face	No
	212. Non-Allowed MML (Multi-Model-Link)	No
	213. Non-Allowed Parent/Child Relationship	No
	214. Non-Allowed Path of Parent Feature	No
	215. Non-Allowed Solid Feature Mixed With Boolean Feature	No
	216. Offset Capability (Thick Surface) of Thin Parts	No
	217. Offset Capability of Surface	No
	218. Only One Surface Allowed in Specific Bodies	No
	219. Only one Curve in Sketch	No
	220. Open Body in Body	No
	221. Permitted Body for non-associative Datum Features	No
	222. Saving as V4 Data	No
	223. Shell Definition	No
	224. Sketch Not Fully Constrained	No
	225. Structure of Part Specification Tree	Yes
	226. Surface Must Exist in Specific Bodies	No
	227. Surface Must Have Thin Part Attribute in Specific Bodies	Yes
	228. Thick Surface Definition	No
	229. Thin Part Orientation corresponds to Surface Orientation	No
	230. Thread Definition	No
Methodology\Process	231. Activated NC Macros Must Exist	No
	232. Consistent Settings for Machining Operations	No
	233. Machining Operation Feeds and Speeds Properties	No
	234. Machining Operation Strategy Properties	No
	235. NC Machine Numerical Control Properties	No
	236. NC Machining Fixture	No
	237. NC Machining Rough Stock	No
	238. NC Machining Safety Plane	No
	239. NC Machining Simulation Stock Accuracy	No
	240. Non-Allowed Machining Operation Tool Name	No
	241. Non-Allowed NC Machine	No
	242. Non-Allowed NC Machine PPWords Table	No
	243. Non-Allowed PPWords	No
Methodology\CATAnalysis	244. Non-Allowed OCTREE Tetrahedron Mesh Element Type	No
Methodology\FT/A	245. Active Capture	Yes
	246. Allowed FT/A Dimension Unit	No
	247. Annotation Content Does Not Correspond to Root Feature Properties	No
	248. Camera Name Must Match Capture Name	Yes
	249. Capture Definition	No
	250. Capture Name Must Match View Name	No
	251. FT/A Fake Dimensions	Yes
	252. FT/A Reference Frame Must Exist	No
	253. FT/A Reference System Must Exist	Yes

FOLDER	CRITERION NAME	HEALING
	254. FT/A Tolerancing Standard	No
	255. FT/A Types Must Be Assigned to Specific Captures	Yes
	256. Geometry Linked to FT/A in NOSHOW	Yes
	257. Non-Allowed Activation Status of Annotation Set	Yes
	258. Non-Allowed Basic Dimension Reference	No
	259. Non-Allowed Link of FT/A Elements	No
	260. Non-Allowed Semantic/Non-Semantic FT/A Elements	No
	261. Occurrences of FT/A Types in Captures	No
	262. Permitted FT/A Type in Specific Capture	No
	263. Permitted NOA Attributes	No
	264. Separator for Geometrical Tolerance	Yes
	265. Unused FT/A Datums	No
	266. View Name Must Match Capture Name	Yes
	267. View Orientation Corresponds to Camera Orientation	No
Methodology\Sheetmetal	268. Conical Bend Definition	No
	269. Cylindrical Bend Definition	No
	270. Fold/Unfold-Sheet Metal Visualization	No
	271. Sheet Metal Parameters	No
Methodology\Composite	272. Composite Material Catalog Path	No
	273. Composite Material Parameter State	No
	274. Ply Definition	No
	275. Ply Surface Must Match PlyGroup Surface	No
	276. Ply with Invalid or not up-to-date Contour	No
Methodology\Equipment\Electrics	277. Bundle Segment Properties	No
	278. Consistency of Branchables in Multi-Branchable	Yes
	279. Consistency of Bundle Segments in Multi-Branchable	No
	280. Electrical Data Availability	Yes
	281. Electrical Protective Coverings	No
	282. Electrical Reference Designator	No
	283. Electrical Support Points Must Lie on Electrical Support Planes	No
	284. Electrical Topology	No
	285. Empty Multi-Branchable / Bundle Segment Part	Yes
	286. Light Electrical Protective Coverings	No
	287. Lost Electrical Properties of Curve	No
	288. Multipart Bundle Segment	No
	289. Non-allowed Electrical Root/Components Type	No
	290. Segment Extremity Name	Yes
	291. Support Plane must be Parallel to Reference Plane	No
	292. Unused Devices	No
293. Unused Electrical Elements in Part	Yes	
Methodology\Equipment\Electrics	294. Unlinked Supports in GBN	No
Geometry\Curve Features\Curves	295. Fragmented Curve [G-CU-FG]	No
	296. High-Degree Curve [G-CU-HD]	No

FOLDER	CRITERION NAME	HEALING
	297. Indistinct Knots in NURBS Curve [G-CU-IK]	No
	298. Large Curve Segment Gaps (G0 Discontinuity) [G-CU-LG]	No
	299. Linear Curves with Polynomial Degree greater than 1 [G-CU-ID]	No
	300. Non-Smooth Curve Segments (G2 Discontinuity) [G-CU-NS]	No
	301. Non-Tangent Curve Segments (G1 Discontinuity) [G-CU-NT]	No
	302. Small Curve Radius of Curvature [G-CU-CR]	No
	303. Tiny Curve Segment [G-CU-TI]	No
	304. Tiny Curve [G-CU-TI]	No
	305. Wavy Planar Curve [G-CU-WV]	No
Geometry\Curve Features\Wires	306. Embedded Wires and Points [G-CU-EM]	No
	307. Large Curve Gaps (G0 Discontinuity) [G-CU-LG]	No
	308. Non-Smooth Curves (G2 Discontinuity) [G-CU-NS]	No
	309. Non-Tangent Curves (G1 Discontinuity) [G-CU-NT]	No
	310. Self-Intersecting Wire [G-CU-IS]	No
	311. Tiny Wire [G-CU-TI]	No
Geometry\Curve Features\General	312. Multi-Domain Curve [G-CU-MU]	No
Geometry\Solid\Surface Features\Surfaces	313. Analytical/Procedural (Non-NURBS) Face Support Surface [G-FA-AN]	No
	314. Big Curvature Radius in Surface [G-SU-CR]	No
	315. Degenerate Surface Segment Boundary [G-SU-DC]	No
	316. Degenerate Surface Segment Corner [G-SU-DP]	No
	317. Embedded Surfaces [G-SU-EM]	No
	318. Folded Surface [G-SU-FO]	No
	319. Fragmented Surface [G-SU-FG]	No
	320. High Number of Control Points in NURBS Surface [G-SU-xx]	No
	321. High-Degree Surface [G-SU-HD]	No
	322. Indistinct Knots in NURBS Surface [G-SU-IK]	No
	323. Large Surface Segment Gaps (G0 Discontinuity) [G-SU-LG]	No
	324. Multi-Face Surface [G-SU-MU]	No
	325. Narrow Surface Segment [G-SU-NA,G-SU-RN]	Yes*
	326. Non-Smooth Surface Segments (G2 Discontinuity) [G-SU-NS]	No
	327. Non-Tangent Surface Segments (G1 Discontinuity) [G-SU-NT]	No
	328. Planar Surfaces with Polynomial Degree greater than 1 [G-SU-xx]	No
	329. Self-Intersecting Surface [G-SU-IS]	No
	330. Small Curvature Radius in Surface [G-SU-CR]	No
	331. Small Curvature Radius in Thin-Part Surface	No
	332. Tiny Surface [G-SU-TI]	Yes*
	333. Undefined Surface Normal [G-SU-xx]	No

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	334. Unused Surface Segment Rows [G-SU-UN]	No
	335. Wavy Surface [G-SU-WV]	No
Geometry\Solid\Surface Features\Face Edges	336. Analytical/Procedural (Non-NURBS) Face Edge [G-ED-AN]	No
	337. Closed Face Edge [G-ED-CL]	No
	338. Fragmented Face Edge [G-ED-FG]	No
	339. Tiny Face Edge Segment [G-ED-TI]	Yes*
	340. Tiny Face Edge [G-ED-TI]	Yes*
Geometry\Solid\Surface Features\Face Loops	341. Inconsistent Face Edge Orientation in Loop [G-LO-IT]	No
	342. Large Face Edge Gap [G-LO-LG]	Yes*
	343. Self-Intersecting Face Loop [G-LO-IS,G-FA-IS]	Yes*
	344. Sharp Face Edge Angle [G-LO-SA]	No
Geometry\Solid\Surface Features\Faces	345. Closed Face [G-FA-CL]	No
	346. Embedded Faces [G-FA-EM]	No
	347. Inconsistent Face Orientation on Surface [G-FA-IT]	No
	348. Large Face Edge to Surface Gap [G-FA-EG]	No
	349. Narrow Face Region [G-FA-RN]	No
	350. Narrow Face [G-FA-NA,G-FA-RN]	Yes*
	351. Relative Narrow Face	No
	352. Tangent-Continuous Narrow Face [G-FA-NA,G-FA-RN]	No
	353. Tiny Face [G-FA-TI]	Yes*
Geometry\Solid\Surface Features\Shells/Volumes	354. Calculation of Shells/Volumes [G-SH-xx]	No
	355. Inconsistent Face Orientation in Shell/Volume [G-SH-IT]	No
	356. Inconsistent Surface Orientation on Shell/Volume [G-FA-IT,G-SH-IT]	No
	357. Large Face Gaps (G0 Discontinuity) [G-SH-LG]	Yes*
	358. Non-Smooth Faces (G2 Discontinuity) [G-SH-NS]	No
	359. Non-Tangent Faces (G1 Discontinuity) [G-SH-NT]	No
	360. Open or Overlapping Shell/Volume [G-SH-FR]	No
	361. Over-Used Edge [G-SH-NM]	No
	362. Over-Used Vertex [G-SH-OU]	No
	363. Self-Intersecting Shell/Volume [G-SH-IS,G-SO-IS]	No
	364. Sharp Face Angle [G-SH-SA]	No
	365. Step Edge on Boundary of Shell	No
	366. Tangent continuous boundary of Shell	No
Geometry\Solid\Surface Features\General	367. Embedded Solids [G-SO-EM]	Yes
	368. Embedded Surface Features (Shells) [G-SO-EM]	Yes
	369. Empty Domains	No
	370. Multi-Domain Surface (Shell) [G-SO-MU]	No
	371. Multi-Volume Solid [G-SO-MU]	No
	372. Non-Allowed Chamfer Angle	No
	373. Non-Allowed Chamfer Lengths	No
	374. Non-Allowed Solid Fillet Radius	Yes
	375. Non-Allowed Surfacic Fillet Radius	Yes
	376. Solid Void [G-SO-VO]	No

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	377. Solid Wall Thickness	No
	378. Tiny Solid [G-SO-TI]	Yes
Geometry\Model	379. Hybrid Model [G-MO-HY]	No
Geometry\Views	380. Embedded Drawing Element [G-DW-EM]	Yes
	381. Tiny Drawing Element [G-DW-TI]	Yes

* Healing requires license key for Q-Doctor.
For more information, please contact us at q-checker@transcat-plm.com