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Administrator
National Highway Traffic Safety Administration,
U.S. Department of Transportation,
1200 New Jersey Avenue SE
Washington, DC 20590.

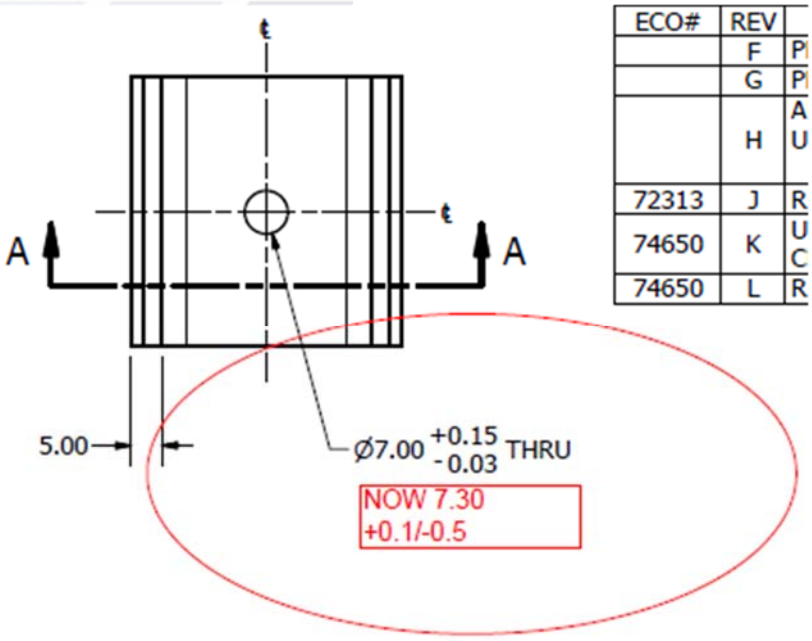
December 16, 2020

Subject:
Petition for Reconsideration, 49CFR Part 572, Docket No. NHTSA-2020-0088, Anthropomorphic Test Devices; Q3s 3-Year-Old Child Side Impact Test Dummy, RIN 2127–AL04

Humanetics Innovative Solutions, Inc. (Humanetics) submits the following petition to correct some minor drawing errors found within the Q3s 3-Year-Old Child Side Impact Test Dummy drawing package.

Drawing Corrections:

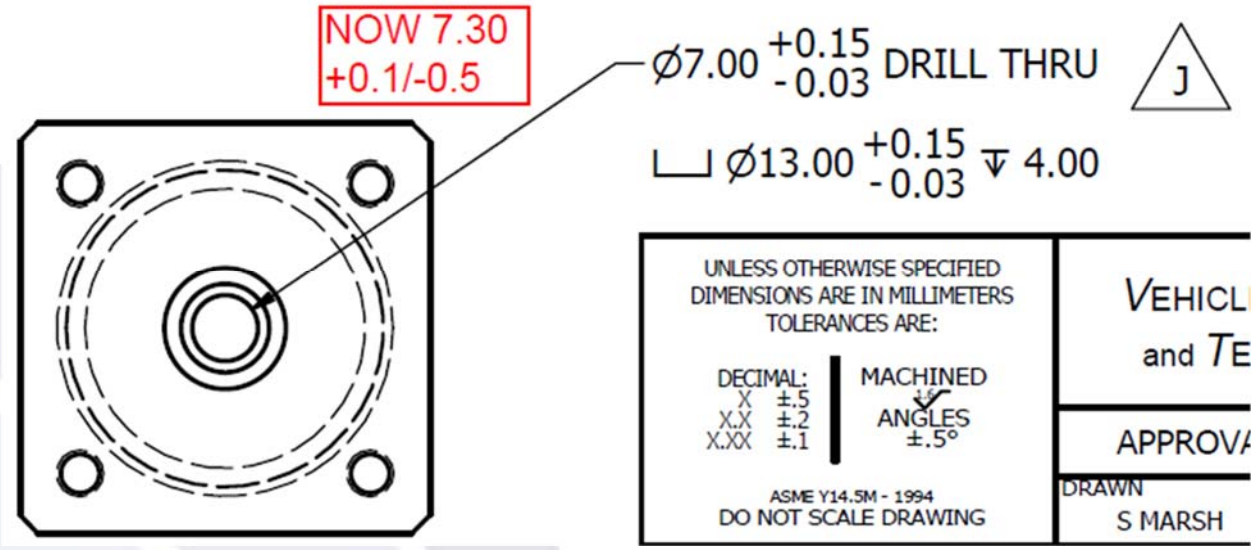
020-6002, BRACKET, TOP LUMBAR SPINE
THRU Hole 7.00 +0.15/-0.03, should be 7.30 +0.1/-0.5



Drawing: 020-6002

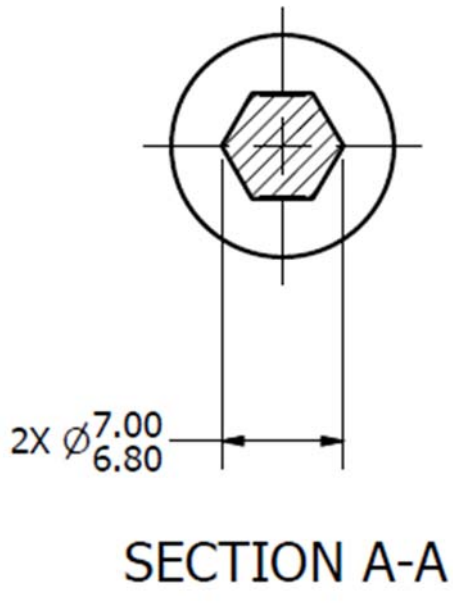
020-6003, PLATE, BOTTOM LUMBAR SPINE

THRU Hole 7.00 +0.15/-0.03, should be 7.30 +0.1/-0.5



Drawing: 020-6003

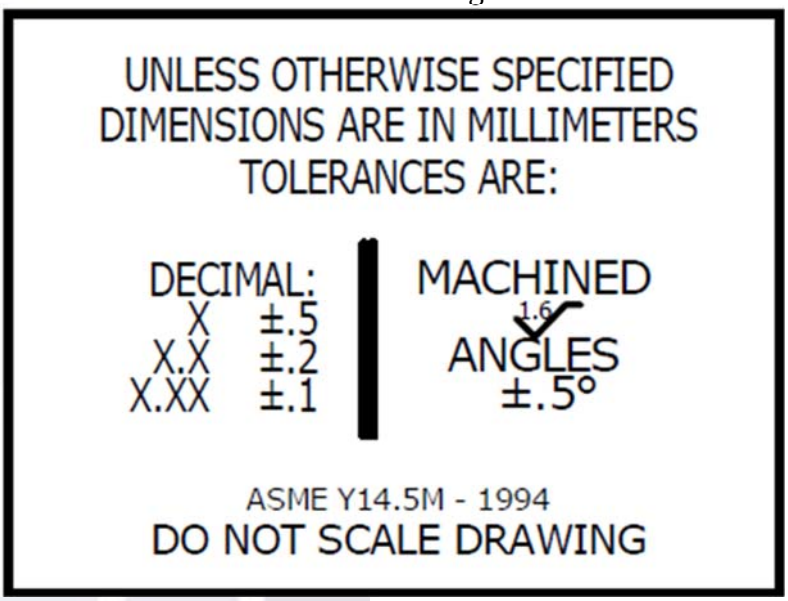
Background:
On drawing 020-6100, LUMBAR SPINE CABLE ASSEMBLY, the dimension across the cable swage corners is 7.10 maximum. At this dimension, the cable would interfere with the thru hole on parts 020-6002 and 020-6003 at their respective minimum thru hole dimensions of 6.97. Humanetics had corrected this change on internal manufacturing drawings in 2016, but the information was inadvertently missed in the updated Q3s drawings submitted to the NHTSA in the 2016 drawing package.



Drawing: 020-6100

020-6003, PLATE, BOTTOM LUMBAR SPINE
Dimension 9.5 ± 0.02, should be 9.5 ± 0.2.

Background:
The ± 0.02 tolerance is a typographical error. The appropriate tolerance for this dimension is ± 0.2 as specified by the tolerance box within the drawing.



Drawing: 020-6003

If you have any questions regarding these comments to the Final Rule, please contact Joe Bastian at jbastian@humaneticsatd.com or Mark Burleigh at mburleigh@humaneticsatd.com

Sincerely,

Joseph Bastian
Senior Test Engineer
Humanetics Innovative Solutions, Inc

Mark Burleigh
Senior Product Engineer
Humanetics Innovative Solutions, Inc.

cc: Jack Jensen, Dan Guck, Bernard Been, Emily Bastian