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NSF standard(s) impacted: NSF-14 – Table 9.30b

Purpose and background:

NSF-14 Table 9.30b shows that the Flattening Test for UL1285 pipe should be conducted every 8 hours on all sizes. However the UL 1285-2022 standard section 23.1.c indicates that the test should be at Start-Up on all sizes, and every 8 hours on sizes less than 14". Sizes larger than 14" are tested every 100 pieces.

Larger diameter pipes are produced at a slower rate. Excessive testing of large diameter pipe generates waste and increases scrap rate with few pipes produced between tests.

Recommendation:

It is recommended that NSF-14 Table 9.30b be updated to match the current UL 1285-2022.

flattening	a	8 h
^a Beginning of production of each material and size, and thereafter one specimen from each extrusion outlet for nominal diameters less than 14". For sizes 14" and larger, test one sample every 100 pieces.		

Supplementary materials (photographs, diagrams, reports, etc.):

UL 1285-2022

- c) Flattening – At the beginning of the production run and every 8 h per extruder for pipe sizes 4 to 12 in., or when any change is made in established running conditions that could affect extrusion quality, whichever is more frequent. For sizes 14 in. and larger, one sample at the beginning of the production run for a given size and class of pipe, and one sample for every 100 lengths produced during the production run or when any change is made in established running conditions that could affect extrusion quality, whichever is more frequent.

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Please submit to: Joint Committee Secretariat or to standards@nsf.org

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