

ANSI/ISEA 105-2016 CLARIFICATION



The statement below clarifies the appropriate pass-fail criteria for leather materials subjected to abrasion testing per Section 5.1.4 of ANSI/ISEA 105-2016, *American National Standard for Hand Protection Classification*:

Statement

It is recognized that the use of leather work gloves is common when performing a variety of occupational tasks including material handling, farming and foundry work, construction and other operations. During the recent revision cycle of ANSI/ISEA 105-2016, it was not the intent to exclude leather gloves from being evaluated and classified as abrasion resistant. Recently, it was observed that the pass-fail criteria specified cannot be applied to leather glove constructs and needs to be clarified to ensure that these items can be appropriately evaluated and classified in order to provide much-needed and requested information to the end-user community. As such, ISEA is issuing this clarification such that the third paragraph of Section 5.1.4 of ANSI/ISEA 105-2016 is revised as follows:

Using ASTM D3884-09 for uncoated glove fabrics, the end point at which the glove material is determined to fail shall be at the number of abrasion cycles needed to wear through the specimen.

No changes to the underlying test method or classification levels in Table 4 are affected by this clarification.

Dated March 29, 2017