

ANSI/ISEA 105-2016 CLARIFICATION



The statement below clarifies the appropriate intention for executing the testing for abrasion testing per Section 5.1.4 of ANSI/ISEA 105-2016, *American National Standard for Hand Protection Classification*

Statement

As the Secretariat for the ANSI/ISEA 105-2016 standard, ISEA has received several questions regarding the testing protocol for evaluating gloves to determine the appropriate classification for abrasion testing, per the standard.

To ensure that the testing is being conducted as intended, and to provide clarification to the language to reflect this intention, ISEA is issuing this clarification to convey that:

When utilizing ASTM D3389-10, or ASTM D3884-09 for determining the glove's abrasion resistance classification, the test method is to be followed using H-18 abrasion wheels with a 500 gram load for levels 0 to 3. If the samples exceed 1000 revolutions at the 500 gram load, then new (untested) samples are used to determine levels 4-6 with a 1000 gram load. It is not the intention to apply to the 1000 gram load to the same sample to continue the test.

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

Dated April 29, 2019