

Topic: Flexible Armor for In-Conjunction Testing

Purpose

Prior to testing of in-conjunction plates, they must be conditioned according to NIJ Standard 0101.06, *Ballistic Resistance of Body Armor*. Sub Clause 6.3.4 [7] provides requirements regarding the associated in-conjunction flexible armor panel. However, the Compliance Testing Program (CTP) has encountered situations that are not fully addressed by these requirements.

This administrative clarification to NIJ Standard-0101.06 provides clarifications with regard to sample requirements in order to improve consistency of application.

Clarification

NIJ STD-0101.06, sub clause 6.3.4 [7] states:

“If the plate is part of an in conjunction system, the plate shall be backed for drop testing by the in conjunction flexible armor design intended to be sold with the plate. This flexible armor design must be supplied by the manufacturer in template size NIJ-C-2.”

This CTP Clarification expands on this sub clause in the following ways:

1. The in conjunction flexible armor provided by the applicant for drop testing must meet template size NIJ-C-2 requirements.
2. The in-conjunction flexible armor provided by the applicant for drop testing is not required to also be used in the ballistic testing. If not also used in ballistic testing, the construction of the flexible armor must be inspected first by the test laboratory and then provided to the CTP for inspection, in addition to the usual test items.
3. The in conjunction flexible armors provided by the applicant for ballistic testing must meet template size NIJ-C-2 requirements unless the size range of the flexible armor listed on the CPL does not include NIJ-C-2.
4. If the size range of the flexible armor listed on the CPL does not include NIJ-C-2, then the smallest size for which it is listed shall be used for ballistic testing.