# COMPARISON OF BALLISTIC-RESISTANT BODY ARMOR STANDARDS

## Why You Should Wear 0101.06-Certified Armor

<table>
<thead>
<tr>
<th>National Institute of Justice (NIJ) Standard-0101.04/05 Interim Requirements (IR)</th>
<th>NIJ Standard-0101.06/CTP Requirements</th>
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<tbody>
<tr>
<td><strong>Registration</strong></td>
<td>- None</td>
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</table>
| **Armor Submission Process** | - Submission of five 1-page IR forms, brief summary of quality assurance (QA)/traceability, and document containing general construction information.  
- Six samples submitted: four perforation-backface signature (P-BFS), one ballistic limit (BL) with no pass/fail requirement, and one spare. All samples sent directly to the Compliance Testing Program (CTP) for initial inspection.  
- All armor sized according to a single template.  
- CTP conducts labeling and workmanship inspection and sends to laboratory |
| **Testing Process** | - Participants required to complete Applicant Application Package (Attachment A), which provides the CTP with basic contact information for the applicant.  
- Attachment B (model-specific information that includes a detailed build sheet) completed by the applicant and approved by the CTP prior to submission.  
- CTP issues Test ID to applicant. Applicant sends 28 samples directly to the laboratory:  
  - New: Eight BFS, 10 BL, two spares.  
  - Conditioned Armor: Four BFS, four BL.  
- Armors submitted in a size range according to templates C1–C5.  
- Laboratory conducts workmanship and label inspections.  
- New standard includes revised threat rounds and velocities for threat levels.  
- Laboratory conducts label, P-BFS, and BL tests—and conditions armor samples for P-BFS and BL testing.  
- Non-conditioned armor submerged in water for 30 minutes, followed by 10-minute drying time.  
- BL pass/fail criteria: no perforation at or below NIJ reference velocity.  
- Each panel impacted with six valid shots. Threat one requirement is 2 inches from the edge for shots 1–3. Shots 4–6 must impact within a 4-inch circle near the center of the panel. In addition to a 30-degree angled shot, a 45-degree angle is added as part of either shot 4 or 5.  
- Ammunition type and manufacturers specified by the standard to ensure more consistent testing.  
- Armor conditioned for a 10-day period. During this 10-day period, heat and humidity cycled during each 24-hour period.  
- Armor carrier specified as poly/cotton to ensure consistent testing.  
- CTP inspects all samples submitted for testing and reviews Compliance Test Report (CTR) for accuracy.  
- Review conducted by CTP. |
| **CTP Inspection** | - CTP inspects two or more samples tested by the laboratory and compares samples with laboratory build description of armor and manufacturer’s supplied build sheet.  
- CTP reviews CTR for accuracy through a newly established review process that ends with an NIJ compliance decision.  
- Applicant must agree to participate in the Conformity Assessment Program  
- Required National Voluntary Laboratory Accreditation Program accreditation to IEC/ISO 17025  
- Required Application to the CTP for NIJ approval  
- Established Special Review Committee of independent experts from various disciplines |
| **Follow-up Inspection and Testing (FIT)** | - Application and site visit by CTP team |
| **NIJ-Approved Laboratories** | - Reviewed by NIJ |

For more information, visit [www.policearmor.org](http://www.policearmor.org); call (919) 485-2717 or email [askctp@nijctp.org](mailto:askctp@nijctp.org).

The National Institute of Justice Compliance Testing Program is operated as part of the Criminal Justice Testing and Evaluation Consortium, a program of the Office of Justice Programs National Institute of Justice.