

# COMPARISON OF BALLISTIC-RESISTANT BODY ARMOR STANDARDS

## Why You Should Wear 0101.06-Certified Armor

	National Institute of Justice (NIJ) Standard-0101.04/ 05 Interim Requirements (IR)	NIJ Standard-0101.06/CTP Requirements
Registration	<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>Participants required to complete Applicant Application Package (Attachment A), which provides the CTP with basic contact information for the applicant.</li> </ul>
Armor Submission Process	<ul style="list-style-type: none"> <li>Submission of five 1-page IR forms, brief summary of quality assurance (QA)/ traceability, and document containing general construction information.</li> <li>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.</li> <li>All armor sized according to a single template.</li> <li>CTP conducts labeling and workmanship inspection and sends to laboratory</li> </ul>	<ul style="list-style-type: none"> <li>Attachment B (model-specific information that includes a detailed build sheet) completed by the applicant and approved by the CTP prior to submission.</li> <li>CTP issues Test ID to applicant. Applicant sends 28 samples directly to the laboratory:                             <ul style="list-style-type: none"> <li>New: Eight BFS, 10 BL, two spares.</li> <li>Conditioned Armor: Four BFS, four BL.</li> </ul> </li> <li>Armor submitted in a size range according to templates C1–C5.</li> <li>Laboratory conducts workmanship and label inspections.</li> </ul>
Testing Process	<ul style="list-style-type: none"> <li>Laboratory conducts P-BFS and BL testing.</li> <li>Armor subjected to P-BFS testing placed in a spray chamber for 6 minutes, 3 minutes on each side.</li> <li>No pass/fail criteria for BL.</li> <li>Shot-to-edge requirement for shots 1–3 is 3 inches.</li> <li>Shots 4–6 evenly distributed on the center part of the panel with two 30-degree shots (4 and 5).</li> <li>Type of ammunition specified by the standard. Any manufacturer is acceptable.</li> <li>Carrier construction not specified</li> </ul>	<ul style="list-style-type: none"> <li>New standard includes revised threat rounds and velocities for threat levels.</li> <li>Laboratory conducts label, P-BFS, and BL tests—and conditions armor samples for P-BFS and BL testing.</li> <li>Non-conditioned armor submerged in water for 30 minutes, followed by 10-minute drying time.</li> <li>BL pass/fail criteria: no perforation at or below NIJ reference velocity.</li> <li>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.</li> <li>Ammunition type and manufacturers specified by the standard to ensure more consistent testing.</li> <li>Armor conditioned for a 10-day period. During this 10-day period, heat and humidity cycled during each 24-hour period.</li> <li>Armor carrier specified as poly/cotton to ensure consistent testing.</li> </ul>
CTP Inspection	<ul style="list-style-type: none"> <li>CTP inspects all samples submitted for testing and reviews Compliance Test Report (CTR) for accuracy.</li> <li>Review conducted by CTP.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>CTP reviews CTR for accuracy through a newly established review process that ends with an NIJ compliance decision.</li> </ul>
Follow-up Inspection and Testing (FIT)	<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>Applicant must agree to participate in the Conformity Assessment Program</li> </ul>
NIJ-Approved Laboratories	<ul style="list-style-type: none"> <li>Application and site visit by CTP team</li> </ul>	<ul style="list-style-type: none"> <li>Required National Voluntary Laboratory Accreditation Program accreditation to IEC/ISO 17025</li> <li>Required Application to the CTP for NIJ approval</li> </ul>
Review/Appeal/ Compliance Process	<ul style="list-style-type: none"> <li>Reviewed by NIJ</li> </ul>	<ul style="list-style-type: none"> <li>Established Special Review Committee of independent experts from various disciplines</li> </ul>

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.