

Biokinetics operates a full-service helmet testing laboratory. Laboratory equipment includes two mono-rail drop towers, two twin-wire drop towers, dynamic and quasi-static helmet retention testers, stability testers and a linear impactor. We have a complete collection of ISO, DoT, Hybrid III and NOCSAE headforms. We have hot, cold and wet conditioning chambers, velocity sensing instrumentation and a fully computerized data acquisition and storage system.

Biokinetics currently performs helmet testing for development and certification* to many CSA, ASTM, Snell, NOCSAE, DoT, CPSC and ISO standards. Specialized testing for materials evaluation and helmet design is supported by a wide assortment of acceleration and force sensors as well as high-speed video equipment.

*some certifications may only be finalized by the certifying agency

{gallery}services/sports_services/helmet_testing{/gallery}