



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SOUTHERN IMPACT RESEARCH CENTER, LLC

304 Dunavant Drive

Rockford, TN 37853

P. David Halstead Phone: 865-523-1662

MECHANICAL

Valid To: October 31, 2017

Certificate Number: 1412.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical tests on Consumer Products and Sports Equipment¹:

<u>Test:</u>	<u>Test Method:</u>
ASTM F355	Standard Test Method for Shock-Absorbing Properties of Playing Surfaces and Materials
ASTM F429	Standard Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football
ASTM F513 (Sec. 4.8)	Standard Safety Specification for Eye and Face Protective Equipment for Hockey Players
ASTM F803	Standard Specification for Eye Protectors for Selected Sports (Mechanical Only)
ASTM F910	Standard Specification for Face Guards for Youth Baseball
ASTM F1045	Standard Performance Specification for Ice Hockey Helmets
ASTM F1163	Standard Specification for Protective Headgear Used in Horse Sports and Horseback Riding
ASTM F1292 (<i>Except Sec. 16-19</i>)	Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
ASTM F1446	Test Methods for Equipment and Procedures used in Evaluating the Performance Characteristics of Protective Headgear
ASTM F1447	Specifications for Protective Headgear Used in Bicycling
ASTM F1492	Specifications for Protective Headgear Used in Skateboarding
ASTM F1587	Standard Specification for Head and Face Protective Equipment for Ice Hockey Goaltenders
ASTM F1776 (Sec. 7 and 8)	Standard Specification for Eye Protection Devices for Paintball Sports
ASTM F1887 (Method A)	Standard Test Method for Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs
ASTM F1888	Test Method for Compression-Displacement of Baseballs and Softballs

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.

Test:

ASTM F1898
LPG 1.71
ASTM F1937

ASTM F1952

ASTM F2040
CPSA 16 CFR Part 1203
(49 CFR Sec. 571.218)
FMVSS 218

VESC-8, (Sec. 8)

NOCSAE DOC (ND) 002

NOCSAE DOC (ND) 022

NOCSAE DOC (ND) 024

NOCSAE-1990

NOCSAE-1990

NOCSAE DOC (ND) 019

NOCSAE DOC (ND) 029

NOCSAE DOC (ND) 087

NOCSAE DOC (ND) 030

NOCSAE DOC (ND) 049

NOCSAE DOC (ND) 050

NOCSAE DOC (ND) 041

NOCSAE DOC (ND) 001

NOCSAE DOC (ND) 021

NOCSAE DOC (ND) 027

NOCSAE DOC (ND) 035

NOCSAE DOC (ND) 045

NOCSAE DOC (ND) 055

NOCSAE DOC (ND) 072

Test Method:

Standard Specification for Bicycle Helmets Used by Infants and Toddlers
Physical Characteristics of Baseballs and Softballs

Standard Specification for Body Protectors Used in Horse Sports and
Horseback Riding

Standard Specification for Helmets Used for Down Hill Mountain Bicycle
Racing

Standard Specification for Helmets Used for Recreational Snow Sports
Safety Standard for Bicycle Helmets

Federal Motor Vehicle Safety Standard No. 218 Motorcycle Helmets

Minimum Requirements for Motorcyclists Eye Protection

Standard Performance Specification for Newly Manufactured Football
Helmets

Standard Performance Specification for Newly Manufactured
Baseball/Softball Batter's Helmets

Standard Performance Specification for Newly Manufactured
Baseball/Softball Catcher's Helmets with Faceguard

Standard Method of Impact Test and Performance Requirements for
Lacrosse Helmets and Faceguards

Standard Method of Impact Test and Performance Requirements for
Football Faceguards

Newly Manufactured Football Players Hand Coverings

Standard Performance Specification for Newly Manufactured
Baseball/Softball Fielder's Headgear

Standard Test Method of Impact Test and Performance Requirements for
Football Face Guards

Standard Performance Specification for Newly Manufactured Hockey
Helmets

Standard Performance Specification for Newly Manufactured Lacrosse
Balls

Standard Performance Specification for Newly Manufactured Polo
Helmets

Standard Performance Specification for Newly Manufactured Lacrosse
Helmets

Standard Drop Testing Method and Equipment Used in Evaluating the
Performance Characteristics of Protective Headgear

Standard Projectile Impact Testing Method and Equipment Used in
Evaluating the Performance Characteristics of Protective Headgear,
Faceguards, or Projectiles

Standard Performance Specification for Newly Manufactured Youth
Baseballs

Standard Performance Specification for Newly Manufactured Hockey
Face Protectors

Standard Performance Specification for Newly Manufactured Lacrosse
Face Protectors

Standard Performance Specification for Helmet Mounted Polo Eye
Protection

Standard Performance Specification for Newly Manufactured
Baseball/Softball Batter's Helmet Mounted Faceguard

<u>Test:</u>	<u>Test Method:</u>
NOCSAE DOC (ND) 015	Standard Test Method and Specification Used in Evaluating the Corrosion Characteristics of Hardware Disassembly
NOCSAE DOC (ND) 061	Standard Performance Specification for Newly Manufactured Field Hockey Headgear
NOCSAE DOC (ND) 069	Standard Performance Specification for Newly Manufactured Field Hockey Balls
NOCSAE DOC (ND) 090	Standard Performance Specification for Newly Manufactured Soccer Shin Guards
16 CFR Part 1501	Small Parts Regulation for Items Intended for Use by Children Under Age 3
16 CFR Part 1500.51 (<i>Except Bite Test</i>)	Test Method for Simulating Use and Abuse of Toys and Other Articles Intended for Use by Children 18 Months or Less
16 CFR Part 1500.52 (<i>Except Bite Test</i>)	Test Method for Simulating Use and Abuse of Toys and Other Articles Intended for Use by Children Over 18 But Not Over 36 Months of Age
ASTM F2440	Standard Specification for Indoor Wall/Feature Padding
ASTM F2530	Standard Specification for Protective Headgear with Face Guard Used in Bull Riding
CO/PD 05-04 (Sec. 4.10.13)	Blunt Impact Protection Testing of Advanced Combat Helmets (ACH)

The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specification listed below. The inclusion of this material specification on this Scope does not confer laboratory accreditation to the material specification nor does it confer accreditation for the method(s) embedded within the specification.

ASTM F717 Standard Specification for Football Helmets