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ASTM INTERNATIONAL

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TO SEI NOCSAE PARTICIPANTS:

**SEI Certification Bulletin #17
Standards Update / Model Changes / SEI NOCSAE Mark**

SEI attended the NOCSAE Winter Standards Committee meeting held in Phoenix, Arizona on January 27, 2017. As a result of actions taken at that meeting, this bulletin serves as an announcement to SEI NOCSAE participants that NOCSAE approved several standards as either new, modified, or revised. For your information, the following are summaries of the standard approvals and the expectations for certification.

Modified NOCSAE Standards

NOCSAE approved the following standard modifications. The modifications are provided for clarification only; no changes were made to the standard that will affect initial or annual certifications.

ND021-12m17 Standard Projectile Impact Test Method and Equipment Used in Evaluating the Performance Characteristics of Protective Headgear, Faceguards or Projectiles

- Removed Section 9.1 labeling language, added reference to NOCSAE ND001
- Clarified SEI NOCSAE logo requirements for projectiles in Section 9.2.1
- Removed Appendix 2: NOCSAE Seals/Logos

ND015-15m16 Standard Test Method and Specification Used in Evaluating the Corrosion Characteristics and Effects on Metallic Hardware Disassembly

- Clarified the performance requirement in Section 4.5.1.1
- Clarified sample submission quantity in Section 3.2

ND001-15m17 Standard Test Method and Equipment Used in Evaluating the Performance Characteristics of Headgear/Equipment

- Added Appendix 3: NOCSAE Seals/Logos
- Modified Sections 9.4.1 and 9.5 to revert to previous language regarding helmets that are not to be recertified.
 - Section 9.4.1 states; “In cases where a manufacturer does not authorize or allow recertification of a helmet model, those models must have a label that prescribes a useable life of certification. Companies must be able to support such lifetime claims.”



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- Section 9.5 states; “Helmets that are not to be recertified as mandated by the manufacturer must bear a label stating the recommended life of the product. Companies will be expected to provide proof that the helmets meet the standards requirements throughout the recommended life of the product.”
- Added peak rotational acceleration to Section 14.1.7 for reporting requirements.

Revised NOCSAE Standards

NOCSAE preliminarily approved the following standard revisions which will become effective January 2018. SEI will be requesting updated test fees for these revised standards from our approved laboratories and will publish them when they become available.

ND041-15m17 *Standard Performance Specification for Newly Manufactured Lacrosse Helmets with Faceguards*

- Revised to remove requirement to alter standard impact locations to avoid impact with a visor and/or faceguard
- Revised to add an impact random location at 17.94 ft/s
- Revised to add photos of impact locations
- Modified Figure 4 language clarifying random impact locations
- All current lacrosse helmets with faceguard product models must be certified to this revised standard no later than January 31, 2018.

ND045-17m17 *Standard Performance Specification for Newly Manufactured Lacrosse Face Protectors*

- Revised Section 5.2 updating the projectile requirements
- All current lacrosse face protector product models must be certified using projectiles that meet the requirements of NOCSAE ND049-15m16 no later than January 31, 2018.

ND087-17m17a *Standard Method of Impact Test and Performance Requirements for Football Faceguards*

- Revised to increase the low temperature conditioning requirement from -20°F to 0°F
- Added Section 6.1.2 requiring a list of compatible helmets on which the faceguard has been tested and certified as meeting this standard
- Clarified language in Section 8.4.4 regarding the bottom impact location requirement
- Clarified language for the maximum standoff requirement
- All current football faceguard and attachment systems (ie: chin strap) product models must be certified on all compatible NOCSAE compliant football helmets no later than January 31, 2018.

ND001-17m17a Standard Test Method and Equipment Used in Evaluating the Performance Characteristics of Headgear/Equipment

- Revised Sections 6.1.2, 9.4.1 and 9.5 regarding label requirements for helmets that are not to be recertified.
 - Section 6.1.2 states; “Helmets that are not to be recertified, as mandated by the manufacturer shall have a certification expiration.”
 - Section 9.4.1 states; “A label that denotes the first intended season of use may be used.”
 - Section 9.5 states: “Headgear that are not to be recertified as mandated by the manufacturer shall bear a permanent and legible warning on the exterior of the headgear stating the following: (1) This headgear shall not be recertified, (2) The life of certification, which shall be no longer than 5 years from the date of manufacture.
- All current headgear product models that are not to be recertified must be certified with the correct label requirements no later than January 31, 2018.

New NOCSAE Standards

NOCSAE approved the following new standards, which will become effective January 2018, except for NOCSAE ND002-17 which will become effective June 2018. SEI will be requesting test fees for these new standards from our approved laboratories and will publish them when they become available.

ND002-17 Standard Performance Specification for Newly Manufactured Football Helmets

- The football helmet standard now includes pass/fail requirements for pneumatic ram testing (NOCSAE ND081-14m15 *Standard Linear Impactor Test Method and Equipment Used in Evaluating the Performance Characteristics of Protective Headgear and Faceguards*)
- This standard has an effective date of June 30, 2018. Product models can be submitted at any time for initial certification.

ND200-17 Standard Test Method and Performance Specification Used in Evaluating the Performance Characteristics of Chest Protectors for Commotio Cordis

- This standard has an effective date of January 31, 2018. Product models can be submitted at any time for initial certification.

Please Note: For existing certified products that are submitted for: (1) a Class I Change or (2) a design change to comply with a revised standard, a new model designation must be established for that product model.

Per NOCSAE ND 001-17 *Standard Test Method and Equipment Used in Evaluating the Performance Characteristics of Headgear / Equipment*, the definition of Model is as follows; a family or design of headgear/equipment typically available in more than one size that is intended to be identical in every way, except for size. While it may be substantially similar to some other models, it is not intended to be identical to it. Component parts must be the same except for geometries needed to create different sizes. Energy management systems must be of the same materials and construction. Graphical treatments and colors may be variable. If only available in one size or size range, the design must be unique in some respect and therefore is not part of some other family or design (model). Any changes to the model other than size, graphics, or color create a new model, which must have a unique model designation.

As we begin to collect annual certification samples for 2017, it is important that you understand, SEI and its approved laboratories will no longer accept electronic label artwork for annual certification. All annual product submittals SHALL have the required NOCSAE labels, including the SEI NOCSAE mark, on the product. If you are manufacturing certified products without the SEI NOCSAE mark on them, they cannot be considered certified in the market place. **Annual samples received without the required labels and/or the SEI NOCSAE mark mandated by NOCSAE standards will result in a noncompliance.** The noncompliance must be resolved following the SEI noncompliance procedure outlined in the SEI noncompliance letter and Certification Program Manual.

We hope you have found this bulletin to be helpful. Please feel free to call a member of the SEI staff if you have any questions regarding these standard updates, specifically regarding the timing of either annual or initial certification.

Sincerely,



Tricia Hock
Program Development Director

cc: SEI Staff
SEI Quality Auditors
SEI Approved Laboratories
NOCSAE
SFIA