

Explanatory Cover – M2010 to M2015

To: Snell M2010 Certified Manufacturers and Other Interested Parties
 Subject: M2015 Policy and Implementation
 Date: April 12, 2013

The M2015 Standard for Protective Headgear For Use With Motorcycles and Other Motorized Vehicles is complete. The Snell laboratory is accepting submissions for certification to M2015 at any time.

M2015 is almost identical to M2010 but there is an important difference in the enforcement testing. When samples of previously certified helmets are tested for compliance, the impact testing will be at the same impact velocities and to the same criteria prescribed for initial certification testing. If a failure is observed, three more samples will be tested at slightly lower “deviation” velocities but the test criteria will be the same as those set for certification testing.

Nominal Impact Velocity Table							
All Anvils		Head Form					
		A	C	E	J	M	O
Certification	1 st	7.75 m/s	7.75 m/s	7.75 m/s	7.75 m/s	7.75 m/s	7.75 m/s
	2 nd	7.09m/s	7.09 m/s	7.09 m/s	6.78 m/s	5.73 m/s	5.02 m/s
Deviation	1 st	7.48 m/s	7.48 m/s	7.48 m/s	7.48 m/s	7.48 m/s	7.48 m/s
	2 nd	6.85 m/s	6.85 m/s	6.85 m/s	6.55 m/s	5.54 m/s	4.84 m/s

Peak Acceleration Criteria						
	Head Form					
	A	C	E	J	M	O
All Testing	275 G	275 G	275 G	275 G	264 G	243 G

The requirements also demand a new “Certification ID#” label in each certified unit specifying the original test series on which the certification is based. This Certification ID# consists of two alpha characters followed by four digits, a hyphen and two more digits. It identifies the test lab, record number and year of the certification. It may be found in the lower right corner of the certificate awarded when certification was granted. This test series information is essential to determining the correct test set up parameters for enforcement testing and for reference to the helmet sample from the original set maintained in the Foundation’s helmet archive. If the Helmet Owner can demonstrate that his products are reasonably identifiable without such labels, the Foundation may agree to waive this requirement. Any such waiver must be obtained in writing.

Other changes include modifications to the retention strength and shell penetration test procedures. These changes will improve test reliability and repeatability but are not expected to materially affect test outcomes.

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Timeline for M2015 Implementation

- Certification Testing begins immediately
 - Note: M2010 certified models intended for the M2015 program must be submitted for separate M2015 certification testing.
- M2015 Certification labels first available for shipment on 4/1/2014
- M2015 labeled helmet units must not be available for sale or use before 10/1/2014

Helmet models certified to M2015 are held to meet the requirements of M2010 and will be included in the M2010 program upon request. So long as no claims of M2015 qualification are made, such units may be marketed with M2010 certification labels, M2010 markings and M2010 claims for the duration of the M2010 program.

Timeline for M2010 shutdown

- M2010 Certification Testing ends immediately
- M2010 labels will be available through 7/1/2014
- M2010 labeled production must cease 3/31/2015

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