



CODE BULLETIN C-45

American Chemistry Council Product Approval Code of Practice December 2010 Edition

To: Practitioners of the American Chemistry Council
Product Approval Code of Practice and Interested Parties

Original

Issue date: April 29, 2014

Effective

Date: May 29, 2014

Re: Appendix B Revisions – Formulation Coding
Product Approval Code of Practice – December 2010 Edition

The American Chemistry Council's (ACC) Product Approval Protocol Task Group (PAPTG) reached consensus to revise Appendix B in an effort to provide further flexibility registering engine tests, specific to Formulation (Coding); guidelines 3c, 3d, 3e and 3h. Existing text and proposed edits to Appendix B are provided below.

Existing Text on Page B-3 and top of Page B-4, Appendix B

3. **FORMULATION (CODING)**

Sponsor ID - Sponsor Code - Modification - Blend - Test - Count - Lab - Stand

- a) **ID:** A two letter permanent code chosen by the Test Sponsor and registered with the ACC Monitoring Agency.
- b) **Sponsor Code:** An up-to-ten character alphanumeric field assigned by the Test Sponsor to facilitate tracking and auditing. Dashes, slashes and special characters, etc. are not permitted. The Test Sponsor inserts this code.
- c) **Modification:** A one letter code used to designate minor modification of a formulation. The Test Sponsor inserts this code.
- d) **Blend:** A one digit number code used to designate the blend batch of the candidate. 1 = first batch, 2 = second batch, etc. The Test Sponsor inserts this code.



- e) **Test:** An up-to-six character code used to designate the type of test run.

PC		HD	
Test	Code	Test	Code
Sequence IIIF	IIIF	Caterpillar 1N	1N
Sequence IIIG	IIIG	Caterpillar 1M-PC	1MPC
Sequence IIIGA	IIIGA	Caterpillar 1K	1K
Sequence IIIGB	IIIGB	Caterpillar 1P	1P
Sequence IVA	IVA	Caterpillar 1R	1R
Sequence VG	VG	Caterpillar C13	C13
Sequence VIB	VIB	Mack T-8	T8
Sequence VIBSJ	VIBSJ	Mack T-8E	T8E
Sequence VID	VID	Mack T-11	T-11
Sequence VIII	VIII	Mack T-12	T-12
		Cummins ISB	ISB
		Cummins ISM	ISM
		RFWT	65L
		Sequence IIIFHD	IIIFHD

This code is permanent for each test type and is assigned by the ACC Monitoring Agency. The Test Sponsor inserts this code.

- f) **Count:** An up-to-two digit number code used to designate the number of times Part A of the Registration Form for the candidate, as identified by "Sponsor ID", "Sponsor Code" and "Mod", has been submitted to a test laboratory within a designated "test type". 1 = the first test submitted to any test laboratory for a given Sponsor ID and Sponsor Code, 2 = the second test submitted to any test laboratory for the same Sponsor ID and Sponsor Code, etc. The count number shall be reset with each minor formulation modification. The Test Sponsor inserts this code.
- g) **Lab:** A two letter code used to identify the test laboratory at which the test is conducted. This code is unique and permanent for each test laboratory and is the same as the code used by the ASTM TMC for the test laboratory. The Test Sponsor inserts this code.
- h) **Stand:** An up-to-five digit number code which identifies the test stand in which the candidate will be tested. The stand is selected by the test laboratory in accordance with [Appendix D](#). The laboratory provides this code in Part B of the Registration Form.



Proposed Text on Page B-3 and top of Page B-4, Appendix B

3. FORMULATION (CODING)

Sponsor ID - Sponsor Code - Modification - Blend - Test - Count - Lab - Stand

- a) **ID**: A two letter permanent code chosen by the Test Sponsor and registered with the ACC Monitoring Agency.
- b) **Sponsor Code**: An up-to-ten character alphanumeric field assigned by the Test Sponsor to facilitate tracking and auditing. Dashes, slashes and special characters, etc. are not permitted. The Test Sponsor inserts this code.
- c) **Modification**: A one **or two** letter code used to designate minor modification of a formulation. **Available coding would encompass modifications A through ZZ.** The test Sponsor inserts this code.
- d) **Blend**: A one **or two** digit number code used to designate the blend batch of the candidate. 1 = first batch, 2 = second batch, **10= tenth batch, etc., and would encompass blends 1 through 99.** The Test Sponsor inserts this code.
- e) **Test**: An up-to-six character code used to designate the type of test run.

PC		HD	
Test	Code	Test	Code
Sequence IIIF	IIIF	Caterpillar 1N	1N
Sequence IIIG	IIIG	Caterpillar 1M-PC	1MPC
Sequence IIIGA	IIIGA	Caterpillar 1K	1K
Sequence IIIGB	IIIGB	Caterpillar 1P	1P
Sequence IVA	IVA	Caterpillar 1R	1R
Sequence VG	VG	Caterpillar C13	C13
Sequence VIB	VIB	Mack T-8	T8
Sequence VIBSJ	VIBSJ	Mack T-8E	T8E
Sequence VID	VID	Mack T-11	T11
Sequence VIII	VIII	Mack T-12	T12
		Cummins ISB	ISB
		Cummins ISM	ISM
		RFWT	65L
		Sequence IIIFHD	IIIFHD

The dash between T11 and T12 has been deleted.

This code is permanent for each test type and is assigned by the ACC Monitoring Agency. The Test Sponsor inserts this code.



- f) **Count:** An up-to-two digit number code used to designate the number of times Part A of the Registration Form for the candidate, as identified by "Sponsor ID", "Sponsor Code" and "Mod", has been submitted to a test laboratory within a designated "test type". 1 = the first test submitted to any test laboratory for a given Sponsor ID and Sponsor Code, 2 = the second test submitted to any test laboratory for the same Sponsor ID and Sponsor Code, etc. The count number shall be reset with each minor formulation modification. The Test Sponsor inserts this code.

- g) **Lab:** A two letter code used to identify the test laboratory at which the test is conducted. This code is unique and permanent for each test laboratory and is the same as the code used by the ASTM TMC for the test laboratory. The Test Sponsor inserts this code.

- h) **Stand:** An up-to-five **alphanumeric** code which identifies the test stand in which the candidate will be tested. The stand is selected by the test laboratory in accordance with [Appendix D](#). The laboratory provides this code in Part B of the Registration Form.

The Code is available online at <http://www.americanchemistry.com/paptg>. Comments to this Code Bulletin (C-45) should be sent to the PAPTG Manager, [W.D. \(Doug\) Anderson](#) prior to May 29, 2014.

