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IHS – ASME Errata

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The Errata to ASME Standards are created by ASME to provide corrections to incorrectly published items, or to correct typographical or grammatical errors in ASME Standards.

This Erratum applies to the ASME Standard you have purchased.

Thank you!

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ASME/V&V 20 Errata

Errata to ASME Standards provide corrections to incorrectly published items, or to correct typographical or grammatical errors. Such errata shall be used on the date posted.

Record#	Codes Affected	Subject	Posted Date
15-1543	V&V 20	Errata V&V-20-2009 Page 5 - Proposal	09/25/15

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Errata 15-1543 - V&V-20-2009 Page 5

Explanation:

Add the phrase ‘and has no shared error sources’ and delete the word ‘generally’ in the V&V-20-2009 standard on page 5, line 8 & 10.

Current Text:
As will be discussed in detail in Section 5, when the validation variable is directly measured — as is T_o in the Case 1 (para. 1-4.1) example — the assumption of effectively independent errors is generally reasonable.

Corrected Text:
As will be discussed in detail in Section 5, when the validation variable is directly measured and has no shared error sources — as is T_o in the Case 1 (para. 1-4.1) example — the assumption of effectively independent errors is ~~generally~~ reasonable.

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Record#	Codes Affected	Subject	Posted Date
15-1540	V&V 20	Errata V&V-20-2009 Page 3	09/25/15

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Errata 15-1540 - V&V-20-2009 Page 3

Explanation: Add the phrase 'and has no shared error sources' in the V&V-20-2009 standard in the description of Case 1, on page 3, line 2.

Current Text:
The validation variable, T_o, is directly measured.

Corrected Text:
The validation variable, T_o, is directly measured and has no shared error sources.

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ASME/V&V 20 Errata

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Record#	Codes Affected	Subject	Posted Date
15-85	V&V 20	Fix Equation 7-3-2 in the V&V-20-2009 standard to add a "2" at the front of the second term on the right.	09/25/15

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Errata 15-85 – Approved March 4, 2015

Change Equation 7-3-2 in the V&V-20-2009 standard to read as follows:

$$b_{q_D}^2 = \sum_{i=1}^{J} \left(\frac{\partial q_D}{\partial X_i} b_i \right)^2 + 2 \sum_{i=1}^{J-1} \sum_{k=i+1}^{J} \frac{\partial q_D}{\partial X_i} \frac{\partial q_D}{\partial X_k} b_{ik}$$

The equation, found on page 50 of the code V&V 20-2009, in the left hand column, in section **7-3.2.1 Experimental Uncertainty, u_D**, is missing the 2 in front of the second term on the right.

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ASME/V&V 20 Errata

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Record#	Codes Affected	Subject	Posted Date
15-80	V&V 20	Errata - ASME publishing error in equation 1-5-4 i in V&V20-2009 standard.	09/25/15

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Errata 15-80 – Approved March 4, 2015

Change Equation 1-5-4 in the V&V-20-2009 standard to read as follows:

$$\mathrm{E} = \mathrm{S} - \mathrm{D} = (\boldsymbol{T} + \delta_S) - (\mathbf{T} + \delta_D) = \delta_S - \delta_D$$

The equation, found on page 3 of the code V&V 20-2009, in the right hand column, in section **1-5 VALIDATION APPROACH,** was mistakenly published with an equals sign (=) between the two terms in parentheses instead of a minus sign (−)**.**