


IECEx ExTR Documents – Their use, completion and expected information to be included

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IECEx System Objective

For Ex equipment and services...

- *Facilitate international trade*
- *Maintain required level of safety*
- *Reduce costs and time*
- *Improve international confidence*
- *Provide one international database*

Realizing IECEx Objective

Under the Certified Equipment Scheme...

- *Ex Test Reports are the foundation*
- *Recognition by all ExCBs is essential*
- *ExTRs were the 1st IECEx product issued*
- *Represent ~40% of IECEx products issued on the IECEx Website for 2011 YTD*
- *Impacts the global acceptance of overall IECEx System*

Furthering Global Acceptance

Effective use of ExTR documents is key...

- *Consistent and complete content*
- *Standardized formatting of test reports*
- *Accepted interpretation of requirements*
- *Detailed comments on each clause*
- *Attachments to improve clarity*

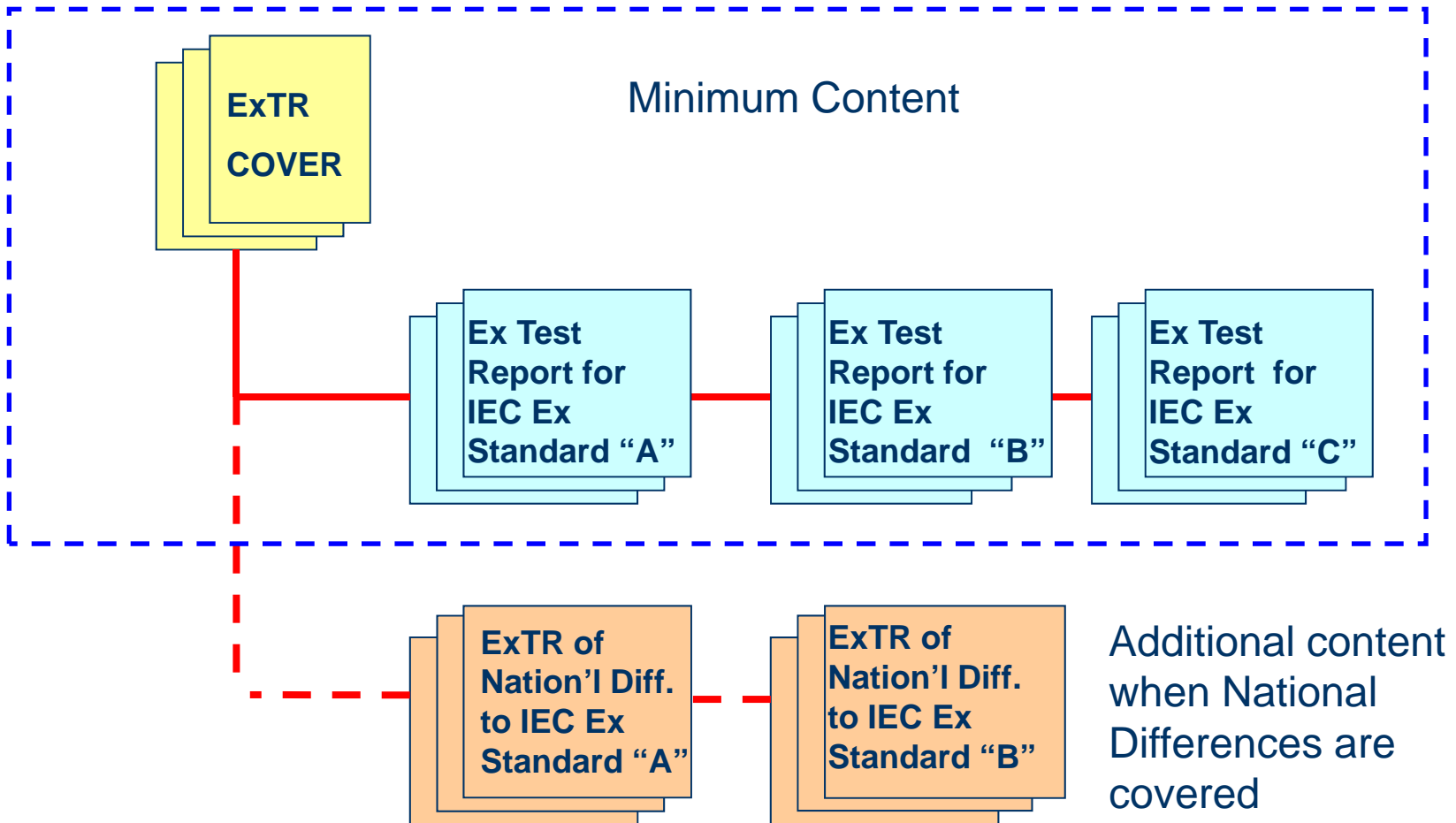
What are ExTR documents?

- *ExTR Cover*
- *Ex Test Reports for each IEC Ex standard*
- *ExTR Addendum*
- *ExTR of National Differences*
- *ExTR of Partial Testing*

What is an ExTR Package?

- *Must include a single ExTR Cover*
- *May include one or more of the following...*
 - *Ex Test Reports*
 - *ExTR Addendums*
 - *ExTRs of National Differences*
 - *ExTRs of Partial Testing*

Example of an ExTR Package



Issuing an ExTR Package

- *Compiled and reviewed by the ExTL*
- *Issuing ExCB indicates final approval on ExTR Cover*
- *ExCB then registers ExTR package on IECEx website (refer to OD 011 Part 2 for guidance)*
- *Registration provides a Declaration that IECEx rules have been applied*

Receiving an ExTR Package

- Receiving ExCB needs complete ExTR package
- Review and audit is expected
- Re-testing or re-submittal of samples is not
- *Samples and documentation may be requested for review and re-testing per IECEx 02*

ExTR Cover Overview

- Sole top-level document to associate together all other parts of an ExTR package
- Contains key information that is common across all other parts of the ExTR package
- Eliminates the need to repeat such common information across multiple ExTR documents
- Highlights this key information in one location for ready access

ExTR Cover Content

- *Open example ExTR Cover from OD 010-2*
- *Briefly highlight key fields*

Ex Test Report Overview

- *Part of an ExTR package*
- *Addresses the initial evaluation & testing of items or products*
- *Provides clause-by-clause documentation*
- *Consists of one or more checklist tables and additional narrative content as applicable*
- *As much detail as possible should be included*
- *Compiled and reviewed by the ExTL*

Ex Test Report Content

- *Open example Ex Test Report from OD 010-2*
- *Briefly highlight key fields*

ExTR Addendum Overview

- *Part of an ExTR package*
- *Documents compliance of an alternate construction*
- *Supplements a previously issued ExTR package(s)*
- *Similar to Ex Test Report, but only applicable clauses are addressed*
- *As much detail as possible should be included*
- *Compiled and reviewed by the ExTL*
- *Valid only when considered together with the related ExTR package(s)*

ExTR Addendum Content

- *Open example ExTR Addendum from OD 010-2*
- *Briefly highlight key fields*

ExTR of National Differences Overview

- *Part of an ExTR package*
- *Supplements an Ex Test Report or ExTR Addendum*
- *Separate ExTR of ND document for each intended country / region*
- *Similar to Ex Test Report, but addresses all National Differences of intended country / region*
- *As much detail as possible should be included*
- *Compiled and reviewed by the ExTL*

ExTR of National Differences Content

- *Open example ExTR of National Differences from OD 010-2*
- *Briefly highlight key fields*

ExTR of Partial Testing Overview

- *Part of an ExTR package*
- *Similar to Ex Test Report, but addresses only select requirements from an IEC Ex standard*
- *As much detail as possible should be included*
- *Compiled and reviewed by the ExTL*

ExTR of Partial Testing Content

- *Open example ExTR of Partial Testing from OD 010-2*
- *Briefly highlight key fields*

Future Reference Material

- *Draft 1st Edition of OD 010-1, “Guidance for the Development and Posting of Blank IECEx Test Report (ExTR) Documents”*
- *Draft 1st edition of OD 010-2, “Guidance for the Compilation, Issuance and Receipt of IECEx Test Report (ExTR) Packages”*
- *Under ExTL review right now*
- *Intended to replace existing OD 010*



Questions?

Thank you!