

Rationale – IEC 60050-903: “Risk assessment”

IEC Guide 116 and IEC Guide 117 define important concepts for the drafting and use of many IEC standards.

It is proposed that IEC 60050-903 comprises the terms and definitions from IEC Guide 116 and IEC Guide 117 in the following structure:

903 Risk assessment

903-01 Safety related risk assessment and risk reduction for low voltage equipment

903-02 Temperatures of touchable hot surfaces of electrotechnical equipment

The part number 903 is proposed since it is intended to propose parts 901 and 902 at a later date:

901 Standardization and related activities [Normalisation et activités connexes]

901-01 Standardization (ISO/IEC Guide 2)

901-02 Aims of standardization (ISO/IEC Guide 2)

901-03 Normative documents (ISO/IEC Guide 2)

901-04 Bodies responsible for standards and regulations (ISO/IEC Guide 2)

901-05 Types of standard (ISO/IEC Guide 2)

plus horizontal standard and product publication (IEC Guide 108)

901-06 Harmonization of standards (ISO/IEC Guide 2)

901-07 Content of normative documents (ISO/IEC Guide 2)

901-08 Structure of normative documents (ISO/IEC Guide 2)

901-09 Preparation of normative documents (ISO/IEC Guide 2)

901-10 Implementation of normative documents (ISO/IEC Guide 2)

901-11 References to standards in regulations (ISO/IEC Guide 2)

901-12 Drafting of standards, comprising terms from

Safety requirements for products intended to be integrated in home control systems [Prescriptions de sécurité pour les produits destinés à être intégrés dans un système de contrôle domestique] (IEC Guide 110)

Preparation and use of basic safety publications and group safety publications (IEC Guide 104)

901-13 Drafting of standards / Drafting of electromagnetic compatibility provisions in IEC publications [Rédaction des publications sur la compatibilité électromagnétique] (IEC Guide 107) – Most of the terms and definitions are from the IEV. Of those that aren't 3.1.2 is not appropriate for the IEV and 3.1.9. is identical with IEC Guide 108:2006, 3.1. So just take defs 3.1.8, 3.1.11 and 3.1.12

901-14 Drafting of standards / Inclusion of environmental aspects in electrotechnical product standards [Prise en compte des aspects liés à l'environnement dans les normes électrotechniques de produits] (IEC Guide 109)

902 Conformity assessment [Évaluation de la conformité]

902-01 Terms relating to conformity assessment in general [Termes relatifs à l'évaluation de la conformité en général] (ISO/IEC 17000)

902-02 Basic terms (ISO/IEC 17000)

902-03 Conformity assessment terms relating to selection and determination (ISO/IEC 17000)

902-04 Conformity assessment terms relating to review and attestation (ISO/IEC 17000)

902-05 Conformity assessment terms relating to surveillance (ISO/IEC 17000)

902-06 Terms relating to conformity assessment and facilitation of trade (ISO/IEC 17000)

902-07 Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector [Application de l'incertitude de mesure aux activités d'évaluation de la conformité dans le secteur électrotechnique] (IEC Guide 115)