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## General requirements for the competence of reference material producers

*Exigences générales pour la compétence des producteurs de  
matériaux de référence*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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ISO 17034 was prepared by the *ISO Committee on Conformity Assessment* (CASCO), in collaboration with the *ISO Committee on Reference Materials* (REMCO).

This first edition of ISO 17034 cancels and replaces ISO Guide 34:2009, which has been technically revised.

The following major changes have been made compared with ISO Guide 34:2009:

- inclusion of requirements for production of all types of reference materials, and additional specified requirements for certified reference materials;
- harmonization with the revisions of ISO Guide 31 and ISO Guide 35;
- inclusion of more details on required reference material documentation;
- inclusion of risks and opportunities;
- restructuring based on the common structure adopted by other International Standards on conformity assessment developed by CASCO;
- incorporation of modifications based on ISO/CASCO PROC 33.