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| Autore                  | Bhatnagar Anuj                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Titolo                  | Handbook of Quality System, Accreditation and Conformity Assessment<br>// edited by Anuj Bhatnagar, Sanjay Yadav, Venugopal Achanta, Ulrich<br>Harmes-Liedtke, Shanay Rab                                                                                                                                                                                                                                                                                                                                                                   |
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| Edizione                | [1st ed. 2024.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Descrizione fisica      | 1 online resource (1040 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Altri autori (Persone)  | YadavSanjay<br>AchantaVenugopal<br>Harmes-LiedtkeUlrich<br>RabShanay                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Disciplina              | 530.8<br>530.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Soggetti                | Measurement<br>Measuring instruments<br>Quantum theory<br>Electronics<br>Biomedical engineering<br>Measurement Science and Instrumentation<br>Quantum Measurement and Metrology<br>Electronics and Microelectronics, Instrumentation<br>Biomedical Devices and Instrumentation                                                                                                                                                                                                                                                              |
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| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Nota di contenuto       | Conformity Assessment: Relevance of Quality in the Age of Industry 4.0<br>-- Standards Development: The Starting Point of Conformity<br>Assessment -- Economic Impact of Standards: Macro and Micro<br>Perspective -- Role of Accreditation and Conformity assessment in<br>Glassware and Jewellery Industry in India -- Standardization and<br>Innovation: Standards Development Principles -- Conformity<br>Assessment: Techniques and Schemes -- Functional Approach to<br>Conformity Assessment -- Importance of Training and Knowledge |

Sharing in Conformity Assessment -- Quality Infrastructure for Conformity Assessment -- Infrastructure for Conformity Assessment in African Continent -- Conformity Assessment in Gulf Cooperation Countries -- Digital Quality Infrastructure for Conformity Assessment: Framework Requirement for APAC -- Conformity Assessment in Indian Regulatory Ecosystem: Futuristic Challenges -- Impact of Regulation and Conformity Assessment Procedures on Global Trade -- Role of conformity assessment in Technical Regulations.

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#### Sommario/riassunto

This handbook comprehensively covers the topics of quality system, accreditation and conformity assessment. The main sections in this handbook covers topics such as conformity assessment, accreditation and certification, measurement requirements and conformity assessment, management systems, Product quality and safety and future of conformity assessment. This multidisciplinary handbook will be a useful reference for researchers and professionals across disciplines who are involved in conformity assessment activities.

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