1. Record Nr. UNINA9910786242803321 Autore Roberts Philip (Philip M.) **Titolo** Industrial brazing practice / / Philip Roberts Boca Raton:,: CRC Press, Taylor & Francis Group,, [2013] Pubbl/distr/stampa **ISBN** 0-429-09949-5 1-62870-740-2 1-4665-6775-9 Edizione [2nd ed.] Descrizione fisica 1 online resource (451 p.) Disciplina 739/.14 Soggetti **Brazing** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Front Cover; Contents; Preface; Introduction; Acknowledgments; Author; Chapter 1 - The Fundamentals of Brazing; Chapter 2 -Designing for Brazing; Chapter 3 - Brazing Filler Materials and Fluxes; Chapter 4 - Fuel Gases and Burners: Chapter 5 - Brazing with Flames: Chapter 6 - Induction and Resistance Brazing; Chapter 7 - Furnace Brazing; Chapter 8 - Brazing with Filler Material Pastes; Chapter 9 -Brazing Aluminum; Chapter 10 - Brazing Commonly Used Materials; Chapter 11 - Question Time; Chapter 12 - The Methodology of Process Auditing; Appendix I: Selection Charts Appendix II: Filler Metal Comparison TablesBack Cover Sommario/riassunto In the past ten years, brazing technology has undergone sweeping changes. Yet because there are so few practitioners who understand the finer points of the technology, many of the companies that use brazing as their preferred metal-joining procedure are failing to use it to best effect. Fully updated to reflect the latest practices, this second edition of Industrial Brazing Practice helps you develop the most effective brazing procedure for your particular needs. It reveals the six simple rules of brazing and explains how they impact essential brazing procedures. These rules effectively form t