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Nota di contenuto	Cover; Title Page; Copyright Page; Preface; Acknowledgements; Table of Contents; Abbreviations; Pictorial Review; Reduction Technology; Carbon Technology; Alumina Bauxite; Cast Shop Technology; Environmental Control; Invited Papers; Charles Martin Hall - The Young Man, His Mentor and His Metal; Paul Herault - The Man Behind the Invention; History of Electrochemical Energy Consumption by Hall-Heroult Cells; Evolution of Electrolytes for Hall-Heroult Cells; Gaining That Extra 2 Percent Current Efficiency; Carbon Electrodes in the Hall-Heroult Cell: A century of Progress Outlook of the Bayer ProcessCast Shop Technology and Reclamation: 100 Years of Progress; Fluoride Control in the Aluminum Industry: 100 Years of Technology; Environmental Control in Our Industry - An Historical Overview
Sommario/riassunto	A rich collection of insightful papers and photos gathered from the world's top aluminum companies highlight the important developments in the process metallurgy of aluminum from 1886-1986, including the electrolytic method of making aluminum, emission and waste control measures in plant operations, manufacture of carbon electrodes, methods of processing bauxite and alumina, technology for melting

and casting process ingots, and processes for reclamation and recycling. Following the growth of the aluminum industry from infant to giant, this book features insight into the lives of Charles Hall
