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Nota di contenuto	Cover; Title Page; Copyright Page; Preface; Co-Sponsors and Steering Committee; TABLE OF CONTENTS; MANAGEMENT; Prospects for the World Aluminium Markets (abstract only); Aluminium Casthouse Technology Overview; Revised Hot Metal Logistics at Bayside Aluminium; QUALITY; New Product Developments for Aluminium Cast Houses; Measurements of the Performance of In-Line Processes Using LiMCA; FURNACES; The Evolution of Furnace Operations in Alcan Smelter Castshops; The Real Cost of Alloying in the Cast House; Recent Developments in Aluminum Scrap Melting - Update Influence of Electromagnetic Stirring on the Melting of AluminiumSalt Fluxes for Alkali and Alkaline Earth Element Removal from Molten Aluminum; Comparison of Rotary Salt & Non Salt Dross Processing Technologies; MELT TREATMENT; A Comprehensive Study of Ceramic Foam Filtration; Which Method to Choose for Alkaline Reduction? Either in the Pot Room Crucible or in the Cast House; Recent Developments in the Prediction of Grain Refiner Performance; Launder Design and the Use of Tempcal Modelling (abstract only); Boron Nitride Release Coatings; DC CASTING Two Years Experience with Wagstaff LHC Varimould™ Technology at

Bayside AluminiumNetcast™ Shape Casting Technology: A Technological Breakthrough That Enhances the Cost Effectiveness of Aluminium Forgings; The Role of Surface Tension Forces in Gas Pressurized VDC Casting; A Total Business Cost Approach; Optimising Pit Recoveries on 6XXX Extrusion Billet; CAST HOUSE SAFETY; Casthouse Safety in 2001; Improving Safety Performance in an Aluminium Casthouse; CONTINUOUS CASTING; An Assessment of the Design of a Gautschi Mould Using Finite Element Analysis Horizontal Direct Chilled (HDC) Casting Technology for Aluminium and Requirements to Metal Cleanliness Aspects of Heat Transfer During Production of Remelt Ingot Using Chain Casters; Twin-Belt Casting Technology Update (abstract only); Improving Horizontal Direct Chill Casting; HEAT TREATMENT; Effect of Homogenisation Temperature and Time on Billet Microstructure and Extruded Properties of Alloy 6061; Effect of Homogenization on Small Diameter Billets - An Extruder's Experience Control of Wire Rod Physical Properties Like Ultimate Tensile Strength and Elongation by Close Monitoring of Rolling Energy Input MAGNESIUM CASTING; Aluminium and Magnesium: Equipment and Process Comparison; RECYCLING; Recycling of Contaminated Aluminium Scrap - A Responsible Approach; REFRACTORY; Cast House Refractories - Selection & Evaluation; PROCESS CONTROL; Advances in On-Site Alloy Analysis and Identification (abstract only); Automation Primer for Supervisors and Operators; Author Index

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