• Vinod Sood: Present Status of Bauxite, Alumina & Aluminium Industry in India and Future Prospects
• Yves Occello et al.: An Approach for Low Grade Bauxites and its Impact on Residue Management
• Jane Wardani et al.: Characteristics, Mining & Beneficiation Aspects of East Halmahera Bauxite of Indonesia
• P. Sengupta: The Characterization of Bauxite for Refractory Application
• S. Karunakar Rao et al.: Identification of Aluminous Laterites Occurrences with High Resolution ASTER Satellite Imagery
• A.K. Dasgupta et al.: The Future of Ceramic Bauxite Proppants in India
• Bijesh Kumar Jha: Bauxite Deposit and Mining in Jharkhand
• Chetan Shah et al.: Ashapura Bauxite Business & Global Trend
• Jimmy Soelaiman et al.: Bauxite Deposits of West Kalimantan, Indonesia with Special Reference to Deposits of PT. Panca Raja Perkasa
• Xiong Lin: Discussion on Measures to Reduce Bauxite Grade Fluctuation to Mill
• Duan Jinchao: Three-dimensional Numerical Analysis of Ground Surface Settlement of Large-scale Bauxite Mine
• H Mahadevan: Alumina Refinery - Pitfalls to Guard in Each Project Stage, from Concept to Commissioning
• Thomas K Smith: Novel Thermometric Endpoint Titration (TET) Procedure for the Determination of Aluminium
• Laurent Palierne: Energy Savings and Liquor Purification by Salting-out in Sodium Aluminate Evaporation Plants
• N.K.Sahu et al.: Effect of Additive on Enhancement of Gibbsite Yield in Sodium Aluminate Solution
• K. Jayasankar et al.: Production of Pig Iron and Portland Slag Cement from Red Mud by Application of Novel Thermal Plasma Technique
• Haunn-Lin T. Chen et al.: A Green Product for Improving Energy Efficiency in Bayer Process
• B.K. Mohapatra et al.: Preparation of Titanium Carbide from Titanium Oxide Recovered from Undigested Sand of an Indian Alumina Refinery through Physical Beneficiation
• Dong Hongjun: Development on Software for Optimization of Bayer Alumina Production Flow System
• Wu Ying: Slope Protection of Outer Dam of Red Mud Yard in Pingguo Alumina Plant
• Liu Baowei: Lean Design for Efficient Operation of Alumina Refinery
• Wu haiwen: Lime Consumption During Aluminum Oxide Production from Diasporic Bauxite - An Optimized Application Practice
• Fan Wenlu et al.: Industrial Practice on Optimizing Process System and Improving Bayer Circulation Efficiency
• Zhang Yucheng et al.: Equipment Reliability Improvement by Preventive Maintenance
• Gong Yan et al.: Rapid Determination of Caustic and Alumina in Bayer Solution with Titrotherm
• Li Ming et al.: Bayer Process Production Technology for Low-grade Diasporic Bauxite
• Gong Yanbing et al.: Research on Alkali Content Reduction During High Alumina Fly Ash Pre-desilication Process
• Li Wenfeng et al.: Study on Comprehensive Utilization of Red Mud for Recovery of Valuable Metals.
• Li Laishi: Study on Alumina Extraction from Pulverized Fuel Ash by Mixed Calcination of Pulverized Fuel Ash & Ammonia Sulfate
• Wang Jian: Study on Utilization of Fresh Steam Condensate in Tube Digestion operation.
• Chen Yuguo: Precautions to Build Alumina Refinery in High Rainfall Area.
• Li Zhiguo: Study on Measures to Reduce Energy Consumption in Bayer Process
• Zhang Zhengyong: Influence of Impurities on Alumina Quality & A Brief Analysis on Countermeasures
• Zhang Chao: Development of Agitating Device with High Performance & Ultralow Power Consumption for Seed Precipitator
• Bai Yinwei: Comprehensive Utilization of Nepheline Resources
• Jin Gang: Comprehensive Recycling for Waste Heats of Aluminum Hydroxide Calciner
• Hu Yuzhi: Comprehensive Benefit Analysis of Dry Disposal Practice compared to Wet Red Mud Storage
• Xu Shutao et al.: Research on the Suitable Resin for Recovery of Gallium from High Vanadium Mother Liquor of an Indian Alumina Refinery.
• Zeng Guoqiang: Application of Tilting-pan Filter in Alumina Production
• Wang Chunzhen: Discussion on Alumina Process Control and Production Management Optimization

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ALUMINIUM ELECTROLYSIS SESSION

• Bertram Bartsch: Retrofit of Electrolysis Cells with the Coperion DURODENSE® Alumina Pot Feeding System
• Bertram Bartsch: Logistic Concepts for the Handling of Higher Quantities of Alumina /Petcoke from Overseas
• Yaghoub Sayad-Yaghoubi et al.: Low Temperature Aluminium Carbothermic Smelting Process
• A Agnihotri et al.: Effect of Un-dissolved Alumina on Metal Pad Instabilities in Aluminium Smelting
• Hugues Tremblay et al.: Production Systems and MES to Optimize Operation in Primary Aluminum Smelters
• Wu Lei: Liquidus Temperature Detection with Embedded System by Locating Algorithms for Turning Points
• Zeng Zhenshuang: 160KA Pot with New Anode Structure
• Zeng Zhenshuang: Research on Test of Lithium Salt Addition to 160KA Reduction Cell
• Li Hong: Production Practice on Energy-saving of 170KA Reduction Cell
• Wei Fangyou: Discussion on Methods to Improve Cell Sealing Effect
• Tan Zhongwei: Brief Discuss on Aluminium Electrolysis Production Technology Management
Li Jianping: Production Practice on Low Voltage Running
Chen Xiaobiao: Analysis on Causes and Influences of Long-term High Voltage after Anode Change
Huang Weizhuo: Influences of Baking Start-up on Reduction Cell Life & Countermeasures
Huang Biaocai: Discussion and Practices to Improve Aluminum Reduction Process Control System Stability
Qin Dang: Discussion on Impact of Site Operation on Voltage
Tang Wei: Discussion on Reduction of AE Shared Voltage of 160KA Reduction Cell
Tao Jie: Analysis of Insulated Monitoring Control System of PTM
Bao Chongai et al.: Development of High-amperage Pot Prebaked Anode Technology
Cao Guofa et al.: Energy Savings in Cathode used for Aluminium Electrolysis
Wu Chengbo et al.: The development and application of gas baking technology in China
Chen Xiping: Advance study of Electrolytic Aluminum Solid Waste Recycling
Li Xian et al.: Detoxification of 240 KA Pot Lining Structure
Zhang Lei: Study of PLC Automation Control System Stability Improvment
Peng Yong: Development on Direct Graphitization of Carbon Materials
Wang Ziqian: Study on Magnetism-Reduction Technology for Pot Full-current Welding in Pot Overhaul
Guo Hailong: Research & Application of Pot Horizontal Current Suppression
Liu Zheng: Development & Prospects on Aluminum Electrolysis Design & Production Technology
Wang Yang: Study on Comprehensive Utilization of Low Temperature Flue Gas Waste Heat for Aluminum Reduction Pot
Deng Xiang: Influence of Pot Airproofing on Aluminium Electrolysis Process
Chen Cairong: In-Depth Analysis on Energy-Saving Technology for Pots
Yang Tao: The Economic Analysis of On-line Pot Switch on/off Technology
Guo Hailong: Study of Horizontal Current Suppression in Aluminium Smelting Pots
Yi Xiaobing: Optimization of "MPPIC” Technology with New Characteristics for Aluminum Electrolytic Process
Chu Wenjiang: Application of 3D Technology in Aluminum Industry
Cheng Shangqing: Comprehensive Application of Energy-saving & Discharge-reduction Technology in Pre-baked Anode Production
Fu Changhong: Industrial Application of 420kA High-amperage Prebaked Anode Pot
Chen Shangqing: Phase I of the Commissioning of 900kta Prebaked Anode Plant
Liu Chaodong: 3D Numerical Simulation of Anode Baking Process in Open-top Baking Furnace
Zhou Dongfang et al.: Development and Application of High Amperage Aluminum Smelting Technology in China
Mo Chen et al.: Study of Potroom Window Structure Influence on Working Environment
• Liu Ming et al.: New Generation Aluminum Electrolysis Production Control System
• Tang Xinzong et al.: Application of Data Analysis in Aluminium Electrolysis Production
• Sun Kangjian: Development of SY400 Prebaked Anode Aluminium Electrolysis Pot
• Li Baosheng et al.: The Application of Low-Temperature Waste Heat Utilization Technology in Aluminium Electrolysis Process and Basic Model Building
• Ma Enjie et al.: Manufacturing Execution System Software-SmelterStar for Whole Process Optimization in Aluminum Smelters

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**ALUMINIUM DOWNSTREAM SESSION**

• Guangqing Zhang: A Potential Technology for Production of Aluminium and Alloys by Carbothermal Reduction of Bauxite
• Jiang Huixue et al.: Study of Rolling and Heat Treatment Technology for 3004/4045 Aluminum Alloy Composite Ingot
• Liu Minzhang et al.: Research on Fabrication Process for 4343A/3003/4343A Aluminum Alloy Composite
• Ding Liwei et al.: Study of Electrolytic Aluminum Liquid Casting Process for High Purity 3003 Aluminum Alloy
• Ding Liwei et al.: Partial Discharge Measurement of Equipment Insulation -- Conventional and Unconventional Detection Method
• Zhu Guanglei et al.: A Comparative Study of Methods for Testing Segregation Layer Thickness of 4032 Alloy
• He Miao: New Energy Saving Methods for HVAC Professional Used in Non-ferrous Metal Processing Design
• Wang Shixin: Application of Aluminum Foil in Pharmaceutical Package Material
• Yang Songtao et al.: Research & Development on the Technology and Equipment of Rolling Bonding for Aluminum Composite Strip (Foil)
• Yuan Hongmei: On-line Quenching Technology and Device for Large Aluminum Alloy Extrusion Profiles
• Wei Dongfeng: Upgradation and Optimization of Aluminum Foil Rolling Oil Mist Collection System
• Gong Ran: Analysis of Aluminum Alloy Profile Process for Rail Train
• Gao Ping: Optimization of Design for the Structure of Belt Wrapper
• Xiao Zhenyu: Remote Diagnosis and Maintenance of Automation System
• Cheng Chuanqi: Design of 2400mm Single Stand Hot Reversing Mill for Aluminium Strip
• He Xiangwen: The Application and Development of Aluminum Slag Processing Equipment
• Zhao Defang et al.: Study of Industrial Data Acquisition and Statements Software
• Zhong Gu et al.: Effects of Processing Parameters on Primary Silicon Particle of Hypereutectic Al-Si Alloy Modified by Phosphorus
• Xie Xiaoyan et al.: Highly Advanced Efficiency and Quality Isothermal Smelting Technology of Aluminum and Aluminum Alloys
• Qiu Chu et al.: Effect of Homogenization Treatment on Microstructure and Hardness of A390 Aluminum Alloy
• Liu Jinyan et al.: Study of Low Head Casting (LHC) Process for 3104 Aluminum Alloy
• Lu Zhenglong: Roller Hearth Furnaces-A better Option for the Solution Treatment of Aluminium Alloys
• Li Xianguo: Application of MES in the Pre-analysis of Melting and Casting Furnace
• Cheng Yun et al.: Synthesis of SiC Particulate Reinforced Aluminum Matrix Composites Using Stir Casting Method and Particulate Distribution Uniformity Investigation
• Subir Bhattacharya et al.: Dynamics of Global Aluminium Industry: China the Leader....Brazil, India and Russia, in the Fast Growth Path
• Jiang Kejin: Application of Six Sigma Management Tool in Improving Inventory Accuracy