



Optimization of cement raw material ball mill dry grinding

By Ömürden Genç

LAP Lambert Academic Publishing Apr 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - AN INDUSTRIAL EXPERIENCE ON THE CEMENT RAW MATERIAL GRINDING PROCESS OPTIMISATION Engineers and professionals in the cement industry and consulting will find this book as a useful and practical tool in their business life. They can use this book as a guide in evaluating circuit production performance and in optimizing their grinding/classification circuits. Mineral processing students will also benefit from this book as they will find useful experience and information on industrial scale plant performance analysis methodology and process optimization techniques. Following topics are mentioned: - Plant scale surveying and analysis of the results - Material characterization tests: standard bond work index and drop weight tests - Grinding/classification performance analysis of the cement raw material circuit - Mathematical modelling of air-swept ball mill - Mathematical modelling of air classifier used in the cement raw material grinding circuit - Optimization by computer simulation This book gives the basic techniques which can be used in grinding/classification circuit performance analysis and optimization of production capacity by computer simulation. 80 pp. Englisch.



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