



Sugar Engineering

Emile Hugot



Sugar Engineering:

Handbook of Cane Sugar Engineering Emile Hugot,1986 Hugot s Handbook of Cane Sugar Engineering needs little introduction it can be found in technical libraries in cane sugar producing countries all over the world Unique in the extent and thoroughness of its coverage the book has for many years provided the only complete description of cane sugar manufacture mills diffusers boilers and other factory machinery calculation methods of capacity for every piece of equipment and process and manufacturing techniques This new edition has been extensively revised Information that has become obsolete or of little interest has been deleted or severely shortened Detailed additions have been made to chapters dealing with recently developed equipment An entirely new chapter has been added on automation and data processing Numerous figures graphs drawings photographs tables and formulae are provided The metric system has been used throughout the book but because many factories still use the British units all measures formulae and tables and nearly all calculations have been given in both systems

Handbook of Cane Sugar Engineering E. Hugot,2014-05-12 Handbook of Cane Sugar Engineering focuses on the technologies equipment methodologies and processes involved in cane sugar engineering The handbook first underscores the delivery unloading and handling of cane cane carrier and knives and tramp iron separators The text then examines crushers shredders combinations of cane preparators and feeding of mills and conveying bagasse The manuscript takes a look at roller grooving pressures in milling mill speeds and capacity and mill settings Topics include setting of feed and delivery openings and trash plate factors influencing capacity formula for capacity fiber loading tonnage records linear speed and speed of rotation sequence of speeds hydraulic pressure and types of roller grooving The book then elaborates on electric and turbine mill drives mill gearing construction of mills extraction milling control purification of juice filtration evaporation sugar boiling and centrifugal separation The handbook is a valuable source of data for engineers involved in sugar cane engineering

Handbook of Cane Sugar Engineering Emile Hugot,1972 **Official Register of the Louisiana State University and Agricultural and Mechanical College** Louisiana State University and Agricultural and Mechanical College,1915 **Cane Sugar Engineering** Peter Rein,2007 **Facts about Sugar** ,1922 **The Louisiana Planter and Sugar Manufacturer** ,1913 Introduction to Cane Sugar Technology G. H. Jenkins,2013-09-03 Introduction to Cane Sugar Technology provides a concise introduction to sugar technology more specifically cane sugar technology up to the production of raw sugar Being intended originally for use in a post graduate university course the book assumes a knowledge of elementary chemical engineering as well as adequate knowledge of chemistry In the field of sugar manufacture itself the object of the book is to place more emphasis on aspects which are not adequately covered elsewhere In accordance with this objective attention has been concentrated mainly on processes and operation of the factory and description of equipment is made as brief as possible with numerous references to other books where more detail is available The emphasis on operation rather than equipment has also been prompted by observation of quite a few factories in different

countries where good equipment is giving less than its proper performance due to inefficient operation and supervision The book is confined to the raw sugar process which has been the author s main interest Refining is discussed only to the extent required to explain refiners requirements concerning quality of raw sugar Handbook of Sugar Refining Chung Chi Chou,2000-08-14 This book provides a reference work on the design and operation of cane sugar manufacturing facilities It covers cane sugar decolorization filtration evaporation and crystallization centrifugation drying and packaging Sugar,1903 General Catalog Louisiana State University (Baton Rouge, La.),1919 *Louisiana Planter and Sugar Manufacturer*,1927 **American Sugar Industry**,1913 **The Filipino Student**,1913 **The Far Eastern Review, Engineering, Finance, Commerce**,1906 *Bulletin*,1942 Engineering News-record,1899 **Bulletin** United States. Office of Education,1943 **American Sugar Industry and Beet Sugar Gazette**,1909 *Statistics of Land-grant Colleges and Universities* United States. Office of Education,1943

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