

1. Record Nr.	UNISA996397017603316
Titolo	The Five years of King James, or, The condition of the state of England and the relation it had to other provinces [[electronic resource] /] / written by Sr Foulk Grevill, late Lord Brook
Pubbl/distr/stampa	London, : Printed for W. R., 1643
Descrizione fisica	[2], 84 p
Altri autori (Persone)	GrevilleFulke, Baron Brooke, <1554-1628.> WilsonArthur <1595-1652.>
Soggetti	Great Britain History James I, 1603-1625
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The attribution, on the title page, to Lord Brooke is erroneous. The work was probably that of some partisan Presbyterian. It has been attributed to Arthur Wilson.--cf. Clark Memorial Lib. Dict. Cat. Appeared, with additions in "The narrative history of King James for the first fourteen years", London, 1651. Reproduction of original in Thomason Collection, British Library.
Sommario/riassunto	eebo-0158

2. Record Nr.	UNINA9910140790503321
Titolo	Spray dryers [[electronic resource] ] : a guide to performance evaluation // prepared by the Equipment Testing Procedure Committee
Pubbl/distr/stampa	New York, : American Institute of Chemical Engineers, c2003
ISBN	1-282-77377-1 9786612773778 0-470-92479-9 0-470-92478-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (76 p.)
Collana	AIChE equipment testing procedure
Disciplina	660.28426 660/.28426
Soggetti	Spray drying - Equipment and supplies - Evaluation Chemistry, Technical - Equipment and supplies - Evaluation Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"AIChE equipment testing procedure". "Pub. E-32".
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SPRAY DRYERS: A Guide to Performance Evaluation; Table of Contents; 100 Purpose and Scope; 101 Purpose; 101.1 Purpose; 101.2 Summary; 101.3 Scope of Spray Drying; 101.4 Reasons for Testing Spray Dryers; 102 Design vs. Operational Variables; 103 Liability; 200 Definitions and Descriptions of Terms; 201 Dryer Design; 201.1 Dryer Chamber; 201.2 Airflow Patterns; 201.3 Product Flow; 201.4 Atomizer; 201.5 Heating Methods; 201.6 Product Recovery; 201.7 Airflow Motive Force; 202 Description of Terms; 202.1 Drying; 300 Test Planning; 301 Preliminary Objectives; 301.1 Test Objectives 301.2 Organizational Resources 301.3 Schedule; 301.4 Dryer Controls and Instrumentation; 301.5 Peripheral Equipment; 301.6 Pretest Calculations; 301.7 Test Plan; 301.8 Environmental; 301.9 Cleaning and Inspection; 301.10 ""Dry Run""; 302 Types of Test; 302.1 Dryer System Capacity; 302.2 Heat and Material Balance; 302.3 Product Properties; 302.4 Acceptance Test; 303 Variables Affecting Product Properties; 303.1 Residual Moisture Content; 303.2 Atomization; 303.3

Heat Sensitivity; 303.4 Physical Properties; 303.5 Prediction of Capacity and Rate Effects; 303.6 Summary  
304 Data Requirements - Product Properties  
304.1 Data Requirements; 304.2 Atomizer Data; 304.3 Complete Heat and Material Balances; 304.4 Peripheral Equipment Limitations; 304.5 Product Quality Measurements; 304.6 Particle Properties; 305 Test Preparation; 305.1 Objective of Tests; 305.2 Operating Variables; 305.3 Test Data Sheet; 305.4 Measurement Methods; 305.5 Test Plan; 305.6 Planning Check List; 400 Methods of Measurement and Sampling; 401 Gas Temperature and Humidity; 401.1 Selection of Temperature Sensors; 401.2 Installation of Temperature Sensors  
401.3 Duct Temperature and Velocity Profiles  
401.4 Accuracy of Dry Bulb Temperatures; 401.5 Atmospheric Humidity; 401.6 Dryer Exit Humidity; 401.7 Accuracy of Gas Wet Bulb Temperature; 402 Gas Flow; 402.1 Installed Flow Meters; 402.2 Inlet Gas; 402.3 Exit Gas Measurement; 403 Material Temperature and Moisture Content; 403.1 Product Temperature Measurement; 403.2 Product Moisture Content; 404 Dust Flow Measurements; 405 Radiation and Convection Heat Losses; 405.1 Estimated Heat Loss; 405.2 Measuring Heat Loss; 405.3 Outdoor Equipment; 406 Miscellaneous Measurements; 406.1 Static Pressure  
406.2 Location of Pressure Sensors  
406.3 Electric Power Measurements; 500 Test Procedure; 501 Plant-Scale Test; 502 Exploratory Experiments; 502.1 Production Capacity; 502.2 Product Quality; 503 Preliminary Trial; 503.1 Water Run; 503.2 Dryer Operability; 504 Definitive Test; 504.1 Test Start-Up; 504.2 Running a Definitive Test in a Plant-Scale Dryer; 505 Humidity and Moisture Measurements; 600 Computation of Results; 601 Nomenclature; 601.1 Variables; 601.2 Properties; 601.3 Subscripts; 602 Material Balances; 602.1 Dry Solids; 602.2 Moisture Balance; 602.3 Psychrometric Chart Method  
602.4 Humid Air Volume

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Sommario/riassunto

Spray Dryers: A Guide to Performance Evaluation, Second Edition discusses the reasons for spray drying. These reasons are usually to produce a product with certain desired properties or with better efficiency than other methods. The book discusses how to plan in light of these objectives and gives guidance on the variables affecting product properties and dryer performance, to decide which variables to evaluate. Technical spray dryer installations are briefly described. Checklists are given to aid in planning measurements and listing steps needed for a test.

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