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307.2 Auxiliary Data 308.0 Test Procedure Documentation; 400.0 METHODS OF MEASUREMENT AND SAMPLING; 401.0 Measurement of Temperatures; 401.1 Accuracy; 401.2 Errors; 402.0 Measurement of Flow Rates; 402.1 Orifice Meters; 402.2 Rotameters; 402.3 Direct Volume or Weight Measurement; 403.0 Measurement of Column Pressure Drop; 403.1 Instruments; 403.2 Pressure Taps; 403.3 Seal Pots; 403.4 Accuracy; 404.0 Sampling Procedure; 404.1 General; 404.2 Selection of Sampling Points; 404.3 Sample Connections; 404.4 Containers; 404.5 Sampling of High Boiling Materials 404.6 Sampling of Intermediate Boiling Materials 404.7 Sampling of Materials Having Boiling Points Below -50°F (-46°C); 404.8 Labeling and Handling of the Samples; 500.0 TEST PROCEDURE; 501.0 Preliminary; 502.0 Pretest Procedure for Maximum Hydraulic Throughput; 502.1 Reaching the Flooding Point; 502.2 Capacity Test; 503.0 Test Period; 503.1 Establishment of Steady State Conditions; 503.2 Length of Test Period; 600.0 COMPUTATION OF RESULTS; 601.0 Verification of Test Data; 602.0 Material Balance; 603.0 Enthalpy Balance; 603.1 Overall Balance; 603.2 Internal Flow Rates; 604.0 Column Capacity 605.0 Column Pressure Drop 606.0 Overall Column Efficiency; 606.1 Computer Calculation; 606.2 Graphical Calculation; 607.0 Murphree Tray Efficiency; 608.0 Sample Calculations; 700.0 INTERPRETATION OF RESULTS; 701.0 Sources of Experimental Error; 702.0 Effects of Experimental Error; 703.0 Possible Reasons for Not Meeting Design Performance; 703.1 Mechanical; 703.2 Process; 704.0 Application of Test Results to Design Conditions; 800.0 APPENDIX; 801.0 Notation; 802.0 Illustrations; 803.0 Sample Calculation; 803.1 English Units; 803.2 SI Units; 804.0 References

Sommario/riassunto

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