

INDEX OF LABOUR-SAVING AND COST-SAVING DEVICES FOUND IN THE LITERATURE.

A.—Preparing the Land.

1. Agricultural Staff, Bureau of Sugar Experiment Stations, Queensland (1935): Caneland Cultivation in Queensland. *Int. Soc. of Sugarcane Tech.*, 71.
2. Alexander, W. P. (1926): Determination of Plantation Fertilizer Policy at Ewa. *Reports Assoc. of Hawaiian Sugar Tech.*, 132.
3. Alexander, W. P. (1932): Cultivation of Ratoons under Unirrigated Conditions on Kauai. *Reports Assoc. of Hawaiian Sugar Tech.*, 3.
4. Austin, S. L. (1931): Whys and Wherefores of Plowing and Planting. *Reports Assoc. of Hawaiian Sugar Tech.*, 31.
5. Bacon, Burt (1938): Methods of Weed Control on Oahu. *Reports Assoc. of Hawaiian Sugar Tech.*, 21.
6. Barr, Harold T. (1938): Notes on Labour-Saving Devices. *Int. Soc. of Sugarcane Tech.*, 544.
7. Bond, J. D. (1931): Weed Control. *Reports Assoc. of Hawaiian Sugar Tech.*, 35.
8. Borden, R. J. (1938): The Effect of Fertilization upon the Quality of Sugarcane. *Reports Assoc. of Hawaiian Sugar Tech.*, 65.
9. Bryan, R. (1932): Cultivation on Unirrigated Plantations on the Island of Hawaii. *Reports Assoc. of Hawaiian Sugar Tech.*, 31.
10. Coombes, A. North (1938): Caneland Cultivation in Mauritius. *Proc. Int. Soc. of Sugarcane Tech.*, 271.
11. Doolan, M. A. (1939): Manufacture: Report of Mr. M. A. Doolan. *Proc. Queensland Soc. of Sugarcane Tech.*, 218.
12. Ednie, Douglas (1938): Weed Control as Practised on the Island of Hawaii. *Reports Assoc. of Hawaiian Sugar Tech.*, 5.
13. Foss, A. L. (1935): Gyrotilling at Aguirre, Puerto Rico. *Proc. Int. Soc. of Sugarcane Tech.*, 81.
14. Gibb, J. A. (1938): Land Preparation for Sugarcane. *Proc. Int. Soc. of Sugarcane Tech.*, 536.
15. Gibson, W. G. (1932): Horse and Tractor Power in Farm Practice. *Proc. Queensland Soc. of Sugarcane Tech.*, 53.
16. Hay, G., and Jennings, W. C. (1936): New Developments on Unirrigated Plantations. *Reports Assoc. of Hawaiian Sugar Tech.*, 123.
17. Jennings, W. C. (1931): Fertilizer, Practices and Problems on Unirrigated Plantations. *Reports Assoc. of Hawaiian Sugar Tech.*, 93.
18. Kay, R. B., and Plaus, R. A. (1933): Welding, with Particular Reference to Plantation Requirements. *Reports Assoc. of Hawaiian Sugar Tech.*, 157.
19. Kerr, H. W. (1931): Tillage and Cultivation. *Proc. Queensland Soc. of Sugarcane Tech.*, 182.
20. King, N. C. (1934): Trash Conservation. *Proc. Queensland Soc. of Sugarcane Tech.*, 245.
21. King, Norman (1939): Agriculture: Report of Mr. Norman King. *Proc. Queensland Soc. of Sugarcane Tech.*, 178.
22. Moir, W. W. G. (1926): Plantation Fertilizer Control. *Reports Assoc. of Hawaiian Sugar Tech.*, 120.
23. Moragne, Wm. (1938): Weed Control as Practised in Kauai. *Reports Assoc. of the Hawaiian Sugar Tech.*, 27.
24. Nicol, J. L. (1930): Soil Preparation—Ploughing, etc. *Reports Assoc. of Hawaiian Sugar Tech.*, 83.
25. Pulsford, T. W. (1932): Suggestions for Improving Efficiency between Field and Mill. *Proc. Queensland Soc. of Sugarcane Tech.*, 58.
26. Ross, Geo. (1931): Cane Cultivation on Unirrigated Districts of Hawaii. *Reports Assoc. of Hawaiian Sugar Tech.*, 13.
27. Spalding, A. T. (1926): Weed Control and Cultural Practices. *Reports Assoc. of Hawaiian Sugar Tech.*, 53.
28. Spalding, A. T. (1928): Field Problems on an Unirrigated Plantation. *Reports Assoc. of Hawaiian Sugar Tech.*, 53.
29. Taylor, H. J. W., and Fiddes, Robert J. (1938): Present-day Status of Weed Control on Maui Sugar Plantations. *Reports Assoc. of Hawaiian Sugar Tech.*, 7.
30. Tester, Keith B. (1929): Chemical Weed Control on Irrigated Plantations. *Reports Assoc. of the Hawaiian Sugar Tech.*, 161.
31. Von Stieglitz, C. R. (1935): Cane Trash and Soil Organic Matter. *Proc. Int. Soc. of Sugarcane Tech.*, 191.
32. Williams, C. Holman B. and Forte, L. A. (1938): Double versus Single Planting. *Proc. Int. Soc. of Sugarcane Tech.*, 266.
33. (1933): Mechanization in the Cane Fields. *I.S.J.*, 300.
34. (1933): Recent Work in Cane Agriculture in Hawaiian Islands. *I.S.J.*, 133.
35. (1939) Recent Labour-Saving Devices. *I.S.J.*, 298.

B.—Irrigation.

1. Kerr, H. W. (1933): Irrigation Principles. *Proc. Queensland Soc. of Sugarcane Tech.*, 95.
2. Tapiolas, B. (1935): Irrigation in the Lower Burdekin District. *Int. Soc. of Sugarcane Tech.*, 412.

C.—Cane Haulage.

1. Anderson, T. J. (1937): The use of Concrete in Permanent Way Construction. *Proc. Queensland Soc. of Sugarcane Tech.*, 135.
2. Anderson, T. J. (1938): Further Notes on Concrete Work in Tramline Construction and Maintenance. *Proc. Queensland Soc. of Sugarcane Tech.*, 23.
3. Dahl, O. S. (1940): Timber in Mill Tramlines. *Proc. Queensland Soc. of Sugarcane Tech.*, 139.
4. Dahl, O. S. (1941): Unfair Wear and Tear of Cane Trucks and Tramlines. *Proc. Queensland Soc. of Sugarcane Tech.*, 193.
5. Doolan, M. A. (1939): Manufacture: Report of Mr. M. A. Doolan. *Proc. Queensland Soc. of Sugarcane Tech.*, 218.
6. Fanning, G. S. (1940): Comparative Data—Steam and Diesel Locomotion. *Proc. Queensland Soc. of Sugarcane Tech.*, 71.
7. Farden, C. K. (1934): Loading and Hauling Cane at Pioneer Company. *Reports Assoc. of Hawaiian Sugar Tech.*, 49.
8. Ford, Ray W. (1934): The Improvement on old Tramway Lines and their Effect on Cane Haulage Costs. *Proc. Queensland Soc. of Sugarcane Tech.*, 141.
9. Ford, Ray W. (1936): Some Notes on Cane Haulage Costs. *Proc. Queensland Soc. of Sugarcane Tech.*, 75.
10. Ford, Ray W. (1937): The Construction and Maintenance of Permanent Way as Applied to Sugar Mill Tramlines. *Proc. Queensland Soc. of Sugarcane Tech.*, 213.
11. Ford, Ray W. (1939): Locomotive Boiler Maintenance. *Proc. Queensland Soc. of Sugarcane Tech.*, 73.
12. Horton, H. (1935): Diesel Locomotives. *I.S.J.*, 218.
13. Kruse, W. J. (1929): Diesel Locomotive for Plantation Haulage. *Reports Assoc. of Hawaiian Sugar Tech.*, 49.
14. Ladlau, G. P. (1933): Motor Transport on a Sugar Plantation. *Proc. S.A. Sugar Tech. Assoc.*, 7, 105.
15. Tromp, L. A. (1938): Field Transport of Cane on Steel and Rubber. *I.S.J.*, 388 and 422.
16. Wheeler, Roy D. (1940): Truck Hauling of Sugarcane. *Reports Assoc. of Hawaiian Sugar Tech.*, 79.
17. (1927): Report of the Committee on the Handling of Cane from Field to Crusher. *Proc. S.A. Sugar Tech. Assoc.*, 1, 65.
18. (1936): Haulage of Sugarcane by Motor Lorry. *Proc. S.A. Sugar Tech. Assoc.*, 10, 184.

D.—Harvesting, Loading and Off-Loading.

1. Beveridge, H. D. (1927): Field Trash in Cane. Reports Assoc. of Hawaiian Sugar Tech., 132.
2. Blomfield, R. G. (1939): Engineering: Report of Mr. R. G. Blomfield. Proc. Queensland Soc. of Sugarcane Tech., 252.
3. Crosby, L. W. (1936): Field Pre-Harvest Juice Sampling with the Hand Refractometer at the Wailuku Sugar Company. Reports Assoc. of Hawaiian Sugar Tech., 11.
4. Doolan, M. A. (1939): Manufacture: Report of Mr. M. A. Doolan. Proc. Queensland Soc. of Sugarcane Tech., 218.
5. Eckart, Thos. G. (1936): The Use of the Hand Refractometer at the Lihue Plantation Company Limited. Reports Assoc. of Hawaiian Sugar Tech., 5.
6. Eldon, J. A. (1936): Cane Handling from the Yard to the Conveyor. Reports Assoc. of Hawaiian Sugar Tech., 289.
7. Hansen, Hans W. (1940): Mechanized Harvesting. Reports Assoc. of Hawaiian Sugar Tech., 57.
8. King, Norman (1939): Agriculture: Report of Mr. Norman King. Proc. Queensland Soc. of Sugarcane Tech., 178.
9. Lennox, C. G. (1936): A Method of Pre-Harvest Sampling Using the Hand Refractometer. Reports Assoc. of Hawaiian Sugar Tech., 21.
10. Mead, J. R. (1936): Pre-Harvest Juice Sampling by the Refractometer. Reports Assoc. of Hawaiian Sugar Tech., 27.
11. Pulsford, T. W. (1939): Mechanical Cane Harvesting. Proc. Queensland Soc. of Sugarcane Tech., 229.
12. Wiley, Frank; McLean, James and Kahlman, A. F. C. (1937): Difficulties in Milling Machine-Loaded Cane. I.S.J., 361. Abstract from Hawaiian Sugar Planters' Assoc.
13. Wyllie, Joseph (1924): Labour-Saving Devices. Proc. Second Annual Conv. Philippine Sugar Assoc., 51.
14. (1924): Report of the Committee on Labor-Saving Devices. Comp. of Com. Reports for the Second Annual Conv. Philippine Sugarcane Assoc., 149.
15. (1939): Mechanical Harvesting in Hawaii. I.S.J., 272.
16. (1939): Report on Labour-Saving Devices. I.S.J., 179. Abstract from Hawaiian Sugar Planters' Assoc.
15. Singleton, John D. (1937): Factory and Locomotive Boiler Water Sampling, pH Control and Treatment. Reports Assoc. of Hawaiian Sugar Tech., 87.
16. Smith, Walter E. (1929): Boiler Feed Water Control and Treatment. Reports Assoc. of Hawaiian Sugar Tech., 21.
17. Thorp, Val. (1931): Some Observations made in Connection with Steam Consumption and Fuel Economy in a Sugar Mill. Queensland Soc. of Sugarcane Tech., 158.
18. (1926): By-Products and Chemical Control. Comp. of Com. Reports Fourth Annual Conv. Philippines Sugar Assoc., 110.
19. (1931): Report of Committee on Fuel Economy. Proc. Queensland Soc. of Sugarcane Tech., 149.
20. (1934): Report of Committee on Fuel Economy. Proc. Queensland Soc. of Sugarcane Tech., 27.
21. (1934): Report of the Committee on By-Products. Proc. Queensland Soc. of Sugarcane Tech., 5.
22. (1935): Important Addition to Sugar Refining Plant. Ruth's Accumulator Installed at Hulett's. S.A. Sugar Jour., 19, No. 10, 615.
23. (1939): A New Steam Accumulator Plant for the Sugar Industries. I.S.J., 144.

F.—Milling and Milling Control.

1. Becker, Geo. D. (1933): Relative Effect of Trash upon the Factory Operations. Reports Assoc. of Hawaiian Sugar Tech., 91.
2. Broadbridge, L. W. (1940): Mechanical Application of Lubricants to Sugar Mill Machinery. Proc. Queensland Soc. of Sugarcane Tech., 129.
3. Dennis, Edwin L. (1938): New Equipment for Improving the Efficiency of Mills. Proc. Int. Soc. of Sugarcane Tech., 1019.
4. Gibson, R. C. (1931): Crushing Engines. Yearly Overhaul and Clearances Allowed on Various Bearings. Proc. Queensland Soc. of Sugarcane Tech., 216.
5. Godfrey, J. B. M. (1939): Maintenance and Care of Electrical Plant in a Sugar Factory. Proc. S.A. Sugar Tech. Assoc., 13, 97.
6. Hadfield, H. F. (1933): Field Trash. Reports Assoc. of Hawaiian Sugar Tech., 95.
7. Harding, G. W. (1933): Bearing Maintenance. Proc. Queensland Soc. of Sugarcane Tech., 159.
8. McAllep, W. R. (1928): Maceration. Reports Assoc. of Hawaiian Sugar Tech., 193.
9. Mason, K. E. (1933): Lubrication of Heavy Oil Engines. Proc. Queensland Soc. of Sugarcane Tech., 175.
10. Orth, W. K. (1928): Quality of Milling Cane: Field Trash. Reports Assoc. of Hawaiian Sugar Tech., 114.
11. Montgomery, J. W. (1936): Milling and Boiling Characteristics of New Seeding Canes. Reports Assoc. of Hawaiian Sugar Tech., 189.
12. Peck, S. S. (1931): Loss in Recoverable Sugar due to Field Trash. Reports Assoc. of Hawaiian Sugar Tech., 99.
13. Renton, J. Lewis (1927): Factors in Milling. Reports Assoc. of Hawaiian Sugar Tech., 158.
14. Smith, E. Camden (1938): Some Notes on Machinery Maintenance in a Cane Sugar Factory. Proc. S.A. Sugar Tech. Assoc., 12, 114.
15. Smith, Walter E. (1929): Analysis of Mill Conditions. Reports Assoc. of Hawaiian Sugar Tech., 27.
16. Wallace, A. F. (1938): Cane Washers. Reports Assoc. of Hawaiian Sugar Tech., 89.
17. Wolters, Wm. (1930): Reduction of the Trash Content of Harvested Cane. Reports Assoc. of Hawaiian Sugar Tech., 65.
18. (1932): Report of Committee on Maintenance. Proc. Queensland Soc. of Sugarcane Tech., 11.
19. (1933): Report of Committee on Maintenance. Proc. Queensland Soc. of Sugarcane Tech., 67.
20. (1934): Report of Committee on Maintenance. Proc. Queensland Soc. of Sugarcane Tech., 35.

E.—Boilers, Steam and Bagasse.

1. Blomfield, R. G. (1939): Engineering: Report of Mr. R. G. Blomfield. Proc. Queensland Soc. of Sugarcane Tech., 252.
2. Connon, Geo. W. (1926): Heat Economy in Sugar Factories. Reports Assoc. of Hawaiian Sugar Tech., 176.
3. Eigenhuis, J. (1936): The Utilisation of Surplus Bagasse in Java. Proc. Queensland Soc. of Sugarcane Tech., 33.
4. Harper, W. J. (1934): Notes on the Storage and Handling of Surplus Bagasse. Proc. Queensland Soc. of Sugarcane Tech., 179.
5. Jenkins, G. H. (1938): Automatic Bagasse Feeders. Proc. Queensland Soc. of Sugarcane Tech., 59.
6. McAllep, W. R. (1928): Boiler Feed Water. Reports Assoc. of Hawaiian Sugar Tech., 203.
7. Montgomery, J. W. (1929): Steam Economy in the Operation of Sugar Factories. Reports Assoc. of Hawaiian Sugar Tech., 51.
8. Mott-Smith, S. (1930): Care and Operation of Factory Boilers. Reports Assoc. of Hawaiian Sugar Tech., 51.
9. Mott-Smith, S. (1934): Utilisation of Waste in the Boiler Room. Reports Assoc. of Hawaiian Sugar Tech., 177.
10. Mott-Smith, S. (1938): Combustion of Bagasse and Factory Steam Balance. Reports Assoc. of Hawaiian Sugar Tech., 109.
11. Pitcairn, R. C. (1938): Utilisation of Bagasse. Proc. Int. Soc. of Sugarcane Tech., 925.
12. Renton, J. Lewis (1928): Steam Accumulators. Reports Assoc. of Hawaiian Sugar Tech., 130.
13. Rex, D. R. (1932): Automatic Bagasse Feeders. Proc. Queensland Soc. of Sugarcane Tech., 185.
14. Shillington, Arthur F. (1939): The Economic Combustion of Bagasse. I.S.J., 258.

G.—Weighing and Recording.

1. Bailey, E. C. (1939): Weighing in Queensland Sugar Mills. Proc. Queensland Soc. of Sugarcane Tech., 75.
2. Giacometti, G. (1938): A Suggestion for a Bagasse Scale. Reports Assoc. of Hawaiian Sugar Tech., 103.
3. Taylor, Chas. R. (1936): Control of Mixed Juice Weights. Reports Assoc. of Hawaiian Sugar Tech., 199.
4. (1941): Electric Cranes in Sugar Mills. Proc. Queensland Soc. of Sugarcane Tech., 147.

H.—Filtration and Clarification.

1. Fleshman, Ward S. (1934): Clarification. Reports Assoc. of Hawaiian Sugar Tech., 121.
2. Fleshman, Ward S. (1938): Progress in Clarification. Reports Assoc. of Hawaiian Sugar Tech., 105.
3. Jenkins, G. H. (1939): Rotary Filters in Queensland Mills. Proc. Queensland Soc. of Sugarcane Tech., 15.
4. McCleery, W. L. (1940): Manufacturing Qualities of New Cane Varieties. Reports Assoc. of Hawaiian Sugar Tech., 137.
5. Orth, W. K. (1927): Kopke Separators at Ewa. Reports Assoc. of Hawaiian Sugar Tech., 124.
6. Orth, W. K. (1928): Kopke Separators at Ewa. Reports Assoc. of Hawaiian Sugar Tech., 117.
7. Powe, Wm. A. (1933): The Oliver-Campbell Filter Compared with the Plate-and-Frame Press in the Cane Sugar Factory. I.S.J., 33.
8. Praeger, A. H. (1938): Automatic Juice Liming Controlled by Juice Flow. Proc. Queensland Soc. of Sugarcane Tech., 49.
9. Praeger, A. H. (1939): Automatic Juice Liming Controlled by Juice Flow. I.S.J., 110.
10. Rhodes, Leon J. (1936): Bagasse Screening for Vacuum Filters. Reports Assoc. of Hawaiian Sugar Tech., 207.
11. Smith, Walter E. (1926): Disposal of Settlings. Plate-and-Frame Filter Presses. Reports Assoc. of Hawaiian Sugar Tech., 145.
12. Southwick, B. S. (1936): Sulphitation. Reports Assoc. of Hawaiian Sugar Tech., 203.
13. Wickey, S. A. (1935): Survey of Oliver Filter Performance. Reports Assoc. of Hawaiian Sugar Tech., 43.
14. (1932): Reducing Sugar Losses in Cane Muds. The Oliver Campbell Filter. I.S.J., 350.
15. (1938): The Principle of "Sealed" Clarification. Its Application to the Bach Continuous Subsider. I.S.J., 340.
16. (1939): Advantages and Disadvantages of a Rotary Mud Filtration Plant. Proc. Queensland Soc. of Sugarcane Tech., 27.

I.—Evaporation.

1. Barnhart, G. H. W. (1929): Overflow Type Juice Level Regulator for Evaporators. Reports Assoc. of Hawaiian Sugar Tech., 97.
2. Clark, Lee E. (1929): Spray System for Cleaning Evaporator Tubes. Reports Assoc. of Hawaiian Sugar Tech., 17.
3. Clayton, J. L. (1941): Juice Level Control in Evaporators. Proc. Queensland Soc. of Sugarcane Tech., 25.
4. Donald, J. W. (1933): Entrainment. Reports Assoc. of Hawaiian Sugar Tech., 105.
5. McKenna, H. G. (1941): The Mobrey Juice Level Control. Proc. S.A. Sugar Tech. Assoc., 15, 64.
6. Smith, Walter E. (1931): Automatic Control for the Sugar Factory. Reports Assoc. of Hawaiian Sugar Tech., 121.
7. Weight, N. E. (1927): Cleaning Evaporator Tubes. Reports Assoc. of Hawaiian Sugar Tech., 122.

J.—Pan Boiling.

1. Barnhart, G. H. W. (1929): Overflow Type Juice Level Regulator for Evaporators. Reports Assoc. of Hawaiian Sugar Tech., 97.
2. Conklin, D. G. (1934): Conductivity Control of Pan Boiling. Reports Assoc. of Hawaiian Sugar Tech., 115.
3. Fabius, A. (1936): Pan-Control Instruments. Reports Assoc. of Hawaiian Sugar Tech., 221.

4. Fleener, C. J. (1936): Circulation of Vacuum Pans. Reports Assoc. of Hawaiian Sugar Tech., 213.
5. Jenkins, G. H. (1941): Mechanical Circulation in Vacuum Pans. Proc. Queensland Soc. of Sugarcane Tech., 35.
6. Kelly, F. H. C., and Newman, I. G. (1938): Automatic Pan Feed Control. Proc. Queensland Soc. of Sugarcane Tech., 39.
7. McCleery, W. L. (1935): Molasses Investigations and Treatment of Low Grade Masseccuite. Reports Assoc. of Hawaiian Sugar Tech., 25.
8. Murray, G. F. (1930): Seeding Low-Grade Masseccuites. Reports Assoc. of Hawaiian Sugar Tech., 3.
9. Murray, G. F. (1931): Handling of Low-Grade Masseccuite. Reports Assoc. of Hawaiian Sugar Tech., 107.
10. Pratt, J. H. (1935): Sugar Boiling Systems. Reports Assoc. of Hawaiian Sugar Tech., 13.
11. Smith, Walter E. (1929): Vacuum Pans at Honolulu Plantations. Reports Assoc. of Hawaiian Sugar Tech., 79.
12. Smith, Walter E. (1934): Vacuum Pan Design and Operation. Reports Assoc. of Hawaiian Sugar Tech., 143.
13. Wickey, S. A. (1930): Slow-Cooling Masseccuites. Reports Assoc. of Hawaiian Sugar Tech., 5.

K.—Centrifugals.

1. Beiter, R. E. (1937): Mechanical Dischargers for Low-Grade Centrifugals. Reports Assoc. of Hawaiian Sugar Tech., 115.
2. Bromley, George (1937): Crystallization in Vacuum Pans and Crystallizer. Reports Assoc. of Hawaiian Sugar Tech., 49.
3. Eklund, W. N., and Pratt, J. H. (1934): Drying Low-Grade Sugar at Higher Speeds at Waialua. Reports Assoc. of Hawaiian Sugar Tech., 203.
4. Eklund, W. N., and Pratt, J. H. (1935): Drying Low-Grade Sugar at Higher Speeds at Waialua. I.S.J., 184.
5. Elliott, Raymond (1936): Crystallizers and their Control. Reports Assoc. of Hawaiian Sugar Tech., 261.
6. Glick, Dallas K. (1934): Notes on Low-Grade Masseccuites. Reports Assoc. of Hawaiian Sugar Tech., 141.
7. Henderson, B. B. (1926): Mechanical Sugar Dischargers. Reports Assoc. of Hawaiian Sugar Tech., 153.
8. Henderson, B. B., and Barnhart, G. H. W. (1933): Crystallizer Masseccuite. Reports Assoc. of Hawaiian Sugar Tech., 131.
9. Johnson, Ralph B. (1935): High-Speed Centrifugals. Reports Assoc. of Hawaiian Sugar Tech., 67.
10. Johnson, Ralph B. (1936): High-speed Centrifugals. Some Satisfactory Results Obtained at Ewa. I.S.J., 220.
11. McCleery, W. L. (1934): Molasses Investigations and Special Treatment of Low-Grade Masseccuites. Reports Assoc. of Hawaiian Sugar Tech., 127.
12. McCleery, W. L. (1940): Ewa Masseccuite Experiments, 1938 and 1939. Reports Assoc. of Hawaiian Sugar Tech., 113.
13. Murray, G. F. (1927): Crystallizers versus Cooling Tanks. Reports Assoc. of Hawaiian Sugar Tech., 131.
14. Murray, G. F. (1929): Observations on Forced Cooling in Crystallizer. Reports Assoc. of Hawaiian Sugar Tech., 33.
15. Olcott, C. A. (1939): High-speed Centrifugals. I.S.J., 104.
16. Williamson, I. H. C. (1939): Hydraulic Coupling for Centrifugal Machines. I.S.J., 221.
17. (1937): High Gravity Factor Centrifugal Machines. I.S.J., 134.

L.—General.

1. Atherton, J. Ballard (1938): A Plantation Safety Programme. Reports Assoc. of Hawaiian Sugar Tech., 113.
2. Best, S. B. (1940): Extraneous Matter in Cane: Effects on Process Work, Mill Efficiency, Plant and C.C.S. Formula. Proc. Queensland Soc. of Sugarcane Tech., 49.
3. Bihl, J. E. (1929): The Use of Sand Blast for Cleaning Operations in the Mill. Proc. S.A. Sugar Tech. Assoc., 3, 112.
4. Bonmonti, H. F. (1926): The Hydrogen Ion and its Application to the Sugar Industry. Reports Assoc. of Hawaiian Sugar Tech., 139.

5. Bryan, L. W. (1929): Forestry on the Plantation. Reports Assoc. of Hawaiian Sugar Tech., 105.
6. Christianson, W. O. (1940): Experiments on a New Method of Cane Sampling. Proc. S.A. Sugar Tech. Assoc., 14, 135.
7. Cochran, S. F. (1942): The Relationship Between Electricity Supply and the Sugar Industry. Proc. Queensland Soc. of Sugarcane Tech., 148.
8. Cook, H. A. (1932): Care and Use of pH Equipment. Reports Assoc. of Hawaiian Sugar Tech., 175.
9. Cook, H. A. (1937): From Evolution to Revolution in Sugarcane Growing and Manufacture. Reports Assoc. of Hawaiian Sugar Tech., 59.
10. Corven, J. B. (1939): The Sampling of Hot Sugar Juices. Proc. Queensland Soc. of Sugarcane Tech., 69.
11. Crites, Newton (1935): pH Control. Reports Assoc. of Hawaiian Sugar Tech., 41.
12. Duker, W. van H. (1927): Value of Hawaiian Final Molasses. Reports Assoc. of Hawaiian Sugar Tech., 116.
13. Duker, W. van H. (1930): Practical Use of Records. Reports Assoc. of Hawaiian Sugar Tech., 21.
14. Duvall, Allan R. (1940): Cane Washer Effluent and Sedimentation. Reports Assoc. of Hawaiian Sugar Tech., 103.
15. Eigenhuis, J. (1938): Instruments and Sugar Factory Control. Proc. Queensland Soc. of Sugarcane Tech., 65.
16. Fabius, A. (1936): The Hydrogen Ion Potential or pH. Reports Assoc. of Hawaiian Sugar Tech., 281.
17. Fabius, A. (1936): Sugar as an Industrial Raw Material. Reports Assoc. of Hawaiian Sugar Tech., 275.
18. Fabius, A. (1937): The Fifth International Technical and Chemical Congress of Agricultural Industries. Reports Assoc. of Hawaiian Sugar Tech., 79.
19. Foster, J. P. (1930): The Application of Activated Carbons to the Sugar Industry. Reports Assoc. of Hawaiian Sugar Tech., 11.
20. Gow, Paul (1932): Potentiometers and Hydrogen Electrode. Reports Assoc. of Hawaiian Sugar Tech., 179.
21. Horton, H. (1934): The Possible Application of Photo-Electric Cells to Sugar Practice. Proc. Queensland Soc. of Sugarcane Tech., 131.
22. Keys, S. W. (1928): Treatment of Timber with Creosote against Infestation and Rot. Reports Assoc. of Hawaiian Sugar Tech., 123.
23. Lewis, Chas. T. (1926): Labor-Saving Devices in Hawaii. Reports Assoc. of Hawaiian Sugar Tech., 158.
24. Lloyd, R. H. (1929): Operation of Small Centrifugal Pumps in the Sugar Mill. Reports Assoc. of Hawaiian Sugar Tech., 59.
25. Lloyd, R. H. (1931): Spray Ponds and Cooling Towers. Reports Assoc. of Hawaiian Sugar Tech., 147.
26. McCleery, W. L. (1932): A Resume of Articles and Developments of Interest in the Sugarcane Factory. Reports Assoc. of Hawaiian Sugar Tech., 187.
27. McLarkey, W. E. (1930): Some Electrical Developments for 1928-29. Reports Assoc. of Hawaiian Sugar Tech., 63.
28. McPhee, J. G. D. (1940): Shadow Boards in a Sugar Factory. Proc. Queensland Soc. of Sugarcane Tech., 251.
29. Maze, W. J. (1927): The Caterpillar and the Sugar Plantation. Reports Assoc. of Hawaiian Sugar Tech., 106.
30. Miller, Slater M. (1940): Safety in the Field. Reports Assoc. of Hawaiian Sugar Tech., 5.
31. Moberly, G. S. (1937): Cane Sample Signalling Devices. Proc. S.A. Sugar Tech. Assoc., 11, 43.
32. Montgomery, J. W. (1935): Performance of Multi-Jet Condensers. Reports Assoc. of Hawaiian Sugar Tech., 81.
33. Mott-Smith, S. (1935): Maintenance and Repair in Cane Sugar Factories. Reports Assoc. of Hawaiian Sugar Tech., 55.
34. Peake, W. B. (1938): The Influence of Cane Trash on First Mill Extraction and C.C.S. Proc. Queensland Soc. of Sugarcane Tech., 219.
35. Pratt, J. Scott B., Jr. (1929): Reducing Production Costs. Reports Assoc. of Hawaiian Sugar Tech., 171.
36. Pratt, J. H. (1938): Effect of Mechanical Loading on Laboratory Control. Reports Assoc. of Hawaiian Sugar Tech., 95.
37. Puckett, R. F. (1931): Factors Affecting the Filterability of Commercial Sugar. Reports Assoc. of Hawaiian Sugar Tech., 109.
38. Purcell, H. G. (1933): Metal Spray Coating. Reports Assoc. of Hawaiian Sugar Tech., 87.
39. Shearer, A. (1940): A Novel Sampling Device for Light Liquids. Proc. Queensland Soc. of Sugarcane Tech., 81.
40. Smith, Walter E. (1931): Automatic Control Equipment for the Sugar Factory. Reports Assoc. of Hawaiian Sugar Tech., 121.
41. Smith, Walter E. (1940): New Hawaiian Developments in Factory Equipment and Practice. Reports Assoc. of Hawaiian Sugar Tech., 139.
42. Strugnell, R. H. (1934): Automatic Timing Device for Cane Sampling. Proc. Queensland Soc. of Sugarcane Tech., 183.
43. Taylor, A. S. (1935): The Use of Special Alloys and Other Metals. Reports Assoc. of Hawaiian Sugar Tech., 85.
44. Tompkin, G. W. (1929): Temperature and Pressure Regulation. Reports Assoc. of Hawaiian Sugar Tech., 13.
45. Tompkin, G. W. (1937): Latest in Control Instruments. Reports Assoc. of Hawaiian Sugar Tech., 63.
46. Trist, G. L. (1931): Fire Protection for Sugar Mills. Reports Assoc. of Hawaiian Sugar Tech., 135.
47. Verret, J. A., and Doty, R. E. (1933): Progress Report on Molasses Fertilization. Reports Assoc. of Hawaiian Sugar Tech., 69 and 75.
48. Waddell, G. E. (1939): A New Method of Obtaining Juice Samples for Cane Payment. Proc. Queensland Soc. of Sugarcane Tech., 55.
49. Walker, S. G. (1932): A Discussion on Fire Protection. Reports Assoc. of Hawaiian Sugar Tech., 141.
50. Wright, B. (1941): A Simple Arrangement for Roller Turning. Proc. Queensland Soc. of Sugarcane Tech., 177.
51. Wright, F. B. (1941): Note on a Bag Bumper. Proc. Queensland Soc. of Sugarcane Tech., 45.