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	Contact; 303.5 Seals; 303.6 Auxiliary Equipment; 303.7 Vibration; 303.8 Noise; 304.0 Plans for Mechanical Operation Tests 305.0 Plans for Process Condition Tests305.1 Miscible Liquid Blending; 305.2 Heat Transfer; 305.3 Immiscible Liquid Dispersion; 305.4 Solids Suspension in Liquid; 305.5 Gas-Liquid Dispersion; 305.6 Variable Conditions; 305.7 Other Measurable Results; 306.0 Performance Criteria; 400.0 Measurement Methods & Instruments; 401.0 Introduction; 402.0 Operating Performance Measurements; 402.1 Speed; 402.2 Power; 402.3 Torque; 403.0 Mechanical Condition Measurements; 403.1 Alignment and Adjustment; 403.2 Runout; 403.3 Gear Tooth Contact Pattern; 403.4 Seals; 403.5 Auxiliary Equipment; 403.6 Vibration 403.7 Noise403.8 Temperature; 404.0 Mechanical Operation Measurements; 405.1 Density or Specific Gravity; 405.2 Viscosity; 405.3 Physical State; 405.4 Chemical Composition; 405.5 Other Physical/Chemical Properties; 406.0 System Operating Conditions; 406.1 Temperature; 406.2 Pressure; 406.3 Liquid Level, Volume, and Flow; 406.4 Phase Ratios; 406.5 Blend Time; 406.6 Sampling; 500.0 Test Procedures; 501.0 General Test Procedures; 502.0 Preliminary Operation and Safety 502.1 Instruction Manuals502.2 Check for Debris in Vessel; 502.3 Check for Obstructions; 502.4 Pre-Operational Check; 502.5 Hand Turning; 502.6 Jog; 502.7 Hydrostatic Pressure Tests; 502.8 System Test in Air; 502.9 System Water Test; 503.0 Operating Performance Tests; 503.1 Speed; 503.2 Power; 503.3 Torque; 504.0 Mechanical Condition Tests; 504.1 Alignment and Adjustments; 504.2 Runout; 504.3 Gear Tooth Contact Patterns; 504.4 Seals; 504.5 Auxiliary Equipment; 504.6 Vibration; 504.7 Noise; 504.8 Temperature; 505.0 Mechanical Operation Tests; 505.1 Natural Frequency
	505.2 Deflections of Structure
Sommario/riassunto	The latest edition of this industry-friendly guide to evaluating the performance of mixing equipment brings this traditional process operation into the 21st century. The book starts with basic definitions and terms, and goes to detail test planning and procedures, and computation and evaluation of results. Appendices offer a troubleshooting checklists, sample log.