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Nota di contenuto	Centrifugal Pumps (Newtonian Liquids): A Guide to Performance Evaluation; CONTENTS; 100.0 Purpose and Scope; 101.0 Purpose; 102.0 Scope; 200.0 Definitions and Descriptions of Terms; 201.0 Definition; 202.0 Centrifugal Pumps; 203.0 Newtonian Fluids; 204.0 Datum; 205.0 Specific Gravity, (s); 206.0 Vapor Pressure, (hvpa); 207.0 Viscosity, (); 208.0 Pressure Head, (hp); 209.0 Total Discharge Head, (hd); 210.0 Total Suction Head, (hs); 211.0 Total Head, (H); 212.0 Static Discharge Head, (h _{sd}); 213.0 Static Suction Head, (h _{ss}); 214.0 Suction Surface Pressure, (h _{ps}) 215.0 Discharge Surface Pressure, (h _{pd})216.0 Friction Head Loss, (hf); 217.0 Gravitational Acceleration, (g); 218.0 Velocity Head, (hv); 219.0 Pump Efficiency, (eff); 220.0 Net Positive Suction Head Required, (NPSHR); 300.0 Test Planning; 301.0 Conditions; 302.0 Resources; 303.0 Process Considerations for Performing Tests; 304.0 Data Requirements; 305.0 Pump Considerations; 306.0 Test Plan; 400.0 Instrumentation and Measurement Methods; 401.0 Introduction; 402.0 Accuracy and Precision; 403.0 Measurement of Test Parameters; 500.0

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Sommario/riassunto

This testing procedure provides methods of conducting and interpreting field tests on centrifugal pumps with actual pumped fluids. Contents include definitions and descriptions of terms; test planning; instrumentation and measurement methods; test procedure; computation of results; and interpretation of results. The volume also contains appendix materials including nomenclature; sample test results; sample calculation (dual units); related calculations; and references.
