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Titolo	Comprehensive volume and capacity measurements [[electronic resource] /] / S.V. Gupta
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ISBN	1-281-99290-9 9786611992903 81-224-2437-6
Descrizione fisica	1 online resource (419 p.)
Disciplina	389
Soggetti	Volume (Cubic content) - Measurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 1 Units and Primary Standard of Volume; Chapter 2 Standards of Volume/Capacity; Chapter 3 Gravimetric Method; Chapter 4 Volumetric Method; Chapter 5 Volumetric Glassware; Chapter 6 Calibration of Glass Ware; Chapter 7 Effect of Surface Tension on Meniscus Volume; Chapter 8 Storage Tanks; Chapter 9 Calibration of Vertical Storage Tank; Chapter 10 Horizontal Storage Tanks; Chapter 11 Calibration of Spheres, Spheroids and Casks; Chapter 12 Large Capacity Measures; Chapter 13 Vehicle Tanks and Rail Tankers; Chapter 14 Barges and Ship Tanks; Index
Sommario/riassunto	It is for the first time that a book of this magnitude covering the entire subject of volume and capacity measurements has hit the market. The strong point of the book is its more than 100 tables containing various corrections, factors, and conversions to compensate for various influence parameters. The most recent available data has been used in respect of density of water and mercury. Latest temperature scale namely, ITS 90 has been used. All possible permutation and combinations of influence parameters like coefficient of expansion, density of standard weights used, and reference temperatur