1. Record Nr. UNINA9910700556203321

Autore	Hockert Caroi
Titolo	Specifications and tolerances for reference standards and field standard weights and measures . 4 Specifications and tolerances for liquefied petroleum gas and anhydrous ammonia liquid volumetric provers [[electronic resource] /] / Carol Hockert ; editor: L. P. Eason, Georgia L. Harris, Val R. Miller
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology, , [2010]
Descrizione fisica	1 online resource (viii, 31 pages) : illustrations
Collana	NIST handbook ; ; 105-4
Altri autori (Persone)	EasonL. P HarrisGeorgia L MillerVal R
Soggetti	Volumetric apparatus - United States Liquefied petroleum gas Ammonia
Lingua di pubblicazione	Inglese
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Dec. 30, 2011). "February 2010."
Nota di bibliografia	Includes bibliographical references (page 31).

2. Record Nr. UNINA9910437765303321

Titolo	Advanced energy saving and its applications in industry / / Kazuo Matsuda ... [et al]
Pubbl/distr/stampa	London ; ; New York, : Springer Science+Business Media, 2012
ISBN	9786613934536 9781283622080 1283622084 9781447142072 1447142071
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (80 p.)
Collana	SpringerBriefs in applied sciences and technology, , 2191-530X
Altri autori (Persone)	MatsudaKazuo <1922->
Disciplina	621.042
Soggetti	Renewable energy sources Green technology Industrial engineering Energy conservation - Equipment and supplies Petroleum industry and trade - Environmental aspects Fossil fuels
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.
Nota di contenuto	Part I Process System -- 1. Energy saving technology -- Part II Application of Self-heat Recuperation Technology -- 2. Reaction section -- 3. Distillation section -- 4. Drying section -- 5. Gas separation section -- Part III Utility system -- 6. Utility system.
Sommario/riassunto	The conventional approach for energy saving in a process system is to maximize heat recovery without changing any process conditions by using pinch technology. “Self-heat recuperation technology” was developed to achieve further energy saving in the process system by eliminating the necessity for any external heat input, such as firing or imported steam. Advanced Energy Saving and its Applications in Industry introduces the concept of self-heat recuperation and the application of such technology to a wide range of processes from heavy chemical complexes to other processes such as drying and gas

separation processes, which require heating and cooling during operation. Conventional energy saving items in a utility system are applied and implemented based on a single site approach, however, when looking at heavy chemical complexes, it was apparent that the low-grade heat discharged as waste from a refinery could also be used in an adjacent petrochemical plant. There could therefore be a large energy saving potential by utilizing the surplus heat across the sites. Advanced Energy Saving and its Applications in Industry assesses conventional approaches to industrial energy saving and explains and outlines new methods to provide even greater energy saving potential. Advanced Energy Saving and its Applications in Industry provides a key resource and research tool for all those involved in developing the energy efficiency of industrial processes. Researchers, industry professionals and even students with an interest in green engineering will find the summaries of the conventional and suggested new methods useful when attempting to advance further development within this field.