1. Record Nr.   UNINA990001728280403321

   Autore   Buckett, Maurice

   Titolo   An introduction to farm organisation and management / Maurice
                        Buckett

   Pubbl/distr/stampa   Oxford : Pergamon Press, 1988

   ISBN   0-08-034202-7

   Edizione   [2nd ed.]

   Descrizione fisica   IX, 338 p. ; 25 cm

   Disciplina   658.93

   Locazione   FAGBC

   Collocazione   60 658.93 BUCM 1988

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

2.	Record Nr.	UNINA9911004743103321
	Autore	Menon E. Shashi
	Titolo	Working guide to pumps and pumping stations : calculations and simulations / / E. Shashi Menon and Pramila S. Menon
	Pubbl/distr/stampa	Burlington, MA, : Gulf Professional Pub., c2010
	ISBN	1-282-54175-7
		9786612541759
		1-85617-829-3
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (298 p.)
	Altri autori (Persone)	MenonPramila S
	Disciplina	621.6/9
	Soggetti	Petroleum pipelines - Equipment and supplies
		Petroleum pipeline pumping stations
		Pumping machinery
	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	Front Cover; Working Guide to Pumps and Pumping Stations; Copyright Page; Contents; Preface; Author Biography; Chapter 1 Introduction; Types of Pumps; Liquid Properties; Energy of a Flowing Liquid and Bernoulli's Equation; Pump Head and Capacity; Summary; Problems; Chapter 2 Pump Performance; Manufacturers' Pump Performance Curves; Power Required by a Pump: Hydraulic and Brake Horsepower; Pump Driver and Power Required; Multistage Pumps; Specific Speed; Summary; Problems; Chapter 3 Liquid Properties versus Pump Performance; Temperature Rise of Liquid Due to Pump Inefficiency Starting Pump against a Closed Discharge ValveSystem Head Curve; Pipe Diameters and Designations; Summary; Problems; Chapter 4 Pressure Loss through Piping Systems; Velocity of Flow; Types of Flow; Pressure Drop Due to Friction; Determining the Friction Factor from the Moody Diagram; Calculating the Friction Factor: the Colebrook Equation; Explicit Equations for the Friction Factor; Hazen-Williams Equation for Pressure Drop; Pressure Loss through Fittings and Valves; Entrance and Exit Losses, and Losses Due to Enlargement and Contraction; Pipes in Series and Parallel
		Head Loss in Series PipingHead Loss in Parallel Piping; Summary;

Sommario/riassunto	A plain language guide to the tools and techniques needed to ensure efficiency, Working Guide to Pump and Pumping Stations provides practicing engineer and senior field personnel with a quick but rigorous exposition of pumps, including applications. In this book, readers find expert advice for determining TDH, NPSH, BHP and driver power requirements, discharge temperature, parallel/series operation and their impact on the operating conditions; developing system-head curves and performance considerations; pump selection for multi-product operations. The book also emphasizes the understanding