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Soggetti	Wells Wells - Maintenance and repair Pumping machinery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	Audel WaterWell Pumps andSystems Mini-Ref; Contents; Chapter 1 TYPES OF WELLS; Dug Wells; Shallow Wells; Drilled Wells; Driven Wells; Jetted Wells; Alternative Water Sources; Recovery Rate; Water Storage Tanks; Chapter 2 TYPES OF WELL PUMPS; Booster Pumps; Simple Pump Choices; Shallow-Well Jet Pumps; Deep-Well Jet Pumps; Submersible Pumps; A Rule-of-Thumb; Cost; Chapter 3 PUMP SELECTION; Refresher Course; Friction Loss; Minimum Water Requirements; How Deep Is the Water In the Well?; Recovery Rate; Water Pressure; Planning for Future Use Conditions; Summary; Chapter 4 WELL PRESURE TANKS Stand ModelsIn-Line Models; Pump Stand Models; Underground Models; How Does a Diaphragm Pressure Tank Work?; Pressure Tank Capacity; A Preinstallation Process; Mounting a Pressure Tank; Positioning In-Line Tanks; Mounting a Pump Stand Model; Mounting a Vertical Stand-Model Pressure Tank; Underground Well Pressure Tanks; Manifold Installations; Fine-Tuning Your Installation; Chapter 5 WELL PIPING CHOICES; Polyethylene Pipe (PE); Copper; Cross-linked Polybutylene (PEX); Which Pipe?; Piping Specifications; Some Installation

Pointers; Chapter 6 WELL SYSTEM COMPONENTS; Major Components  
Check Valves Gate Valves; Foot Valves; Relief Valves; Pressure Gauges;  
Pressure Switches; Boiler Drains; Torque Arrestors; Pitless Adapters;  
Tail Pipes; Well Rope; Tank Tees; Unions; Electrical Devices; Chapter 7  
ELECTRICAL FACTS AND FIGURES; Manufacturer's Recommendations;  
Connecting the Pressure Switch; Wiring for Submersible Pumps; Chapter  
8 JET PUMP INSTALLATIONS; New Installation of a Shallow-Well Jet  
Pump; Replacing a Shallow-Well Jet Pump; The Installation of a Deep-  
Well Jet Pump; Chapter 9 SUBMERSIBLE PUMP INSTALLATION; Pitless  
Adapter; Connecting a Drop Pipe to a Submersible Pump  
Wiring the Pump Connecting the Drop Pipe to the Pitless Adapter;  
Lowering the Pump; Connecting Wires at the Wellhead; Inside the  
Foundation; Chapter 10 BOOSTER PUMPS; General Information; Sizing  
Booster Pumps; Installation Diagrams; Chapter 11 WATER QUALITY;  
Noticeable Problems; Naturally Occurring Pollutants; Microorganisms;  
Radionuclides; Nitrates and Nitrites; Heavy Metals; Fluoride; Human  
Activity; Chapter 12 TROUBLESHOOTING AND REPAIRS; General  
Information; Problems and Solutions; Electrical Instructions; Typical  
Wiring Diagrams; More Electrical Testing  
Appendix: ADDITIONAL INFORMATION AND RESOURCES Well FAQ; Well  
Maintenance; Well Treatment; Well Testing; Water-Related Diseases and  
Contaminants in Private Wells; Private Well Water and Fluoride;  
Resources

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### Sommario/riassunto

Introducing an Audel "Mini-Ref" for tradespeople working on water  
well pumps and pumping systems Water well pumps are used  
everywhere, with installations numbering in the millions. It's hard to  
believe that no one has written a small field book that covers these  
pieces of equipment. Finally, here's a great handy guide is for anyone  
who needs to know how these pumps work, how to troubleshoot  
problems unique to this type of piping system, and how to make  
common repairs for both above ground and submersible pumps. It  
contains vital and specific references applicable to a wide range of

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