



Practical Grounding, Bonding, Shielding and Surge Protection (Practical Professional)

G Vijayaraghavan, Mark Brown, Malcolm Barnes

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This book will allow you to gain practical skills and know-how in grounding, bonding, lightning & surge protection. Few topics generate as much controversy and argument as that of grounding and the associated topics of surge protection, shielding and lightning protection of electrical and electronic systems. Poor grounding practice can be the cause of continual and intermittent difficult-to-diagnose problems in a facility. This book looks at these issues from a fresh yet practical perspective and enables you to reduce expensive downtime on your plant and equipment to a minimum by correct application of these principles.

Learning outcomes:

- * Apply the various methods of grounding electrical systems
 - * Detail the applicable national Standards
 - * Describe the purposes of grounding and bonding
 - * List the types of systems that cannot be grounded
 - * Describe what systems can be operated ungrounded
 - * Correctly shield sensitive communications cables from noise and interference
 - * Apply practical knowledge of surge and transient protection
 - * Troubleshoot and fix grounding and surge problems
 - * Design, install and test an effective grounding system for electronic equipment
 - * Understand lightning and how to minimize its impact on your facility
 - * Protect sensitive equipment from lightning
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- An engineer's guide to earthing, shielding, lightning and surge protection designed to deliver reliable equipment and communications systems that comply with international and national codes
 - Discover how to reduce plant downtime and intermittent faults by implementing best-practice grounding/earthing techniques
 - Learn the principles of cable shielding in communication networks

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Practical Grounding, Bonding, Shielding and Surge Protection (Practical Professional) can be one of your nice books that are good idea. Most of us recommend that straight away because this reserve has good vocabulary that may increase your knowledge in terminology, easy to understand, bit entertaining but nonetheless delivering the information. The article author giving his/her effort to set every word into pleasure arrangement in writing Practical Grounding, Bonding, Shielding and Surge Protection (Practical Professional) nevertheless doesn't forget the main point, giving the reader the hottest and also based confirm resource facts that maybe you can be one among it. This great information can easily drawn you into fresh stage of crucial contemplating.

Eugene Howard:

On this era which is the greater person or who has ability to do something more are more precious than other. Do you want to become one among it? It is just simple approach to have that. What you must do is just spending your time very little but quite enough to experience a look at some books. One of the books in the top collection in your reading list will be Practical Grounding, Bonding, Shielding and Surge Protection (Practical Professional). This book that is qualified as The Hungry Mountains can get you closer in getting precious person. By looking right up and review this publication you can get many advantages.

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