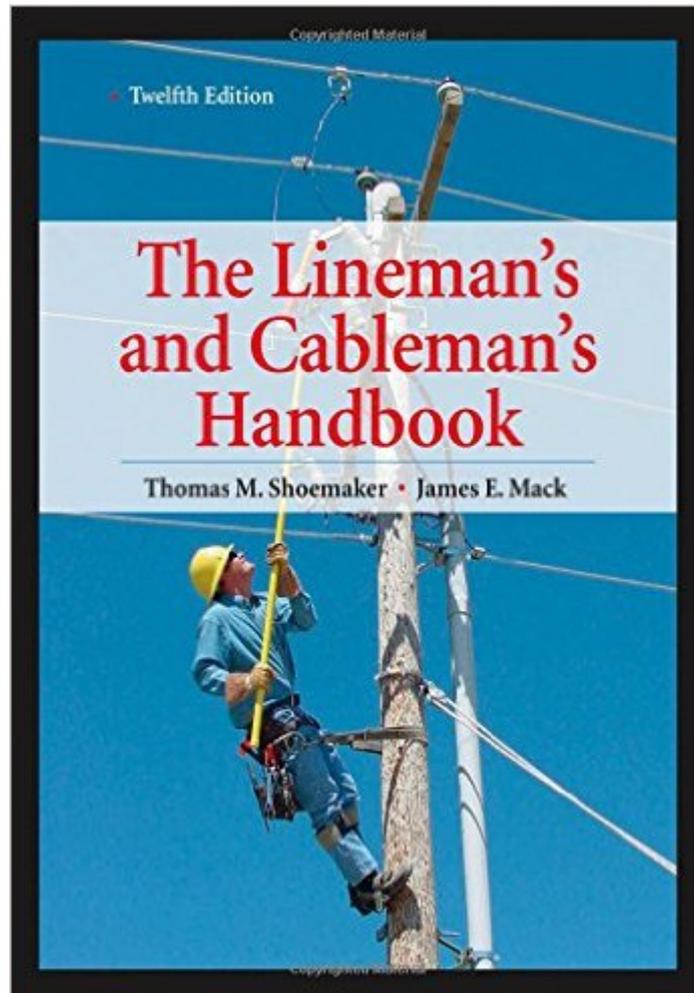


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# Lineman's And Cableman's Handbook 12th Edition (Lineman's & Cableman's Handbook)



## Synopsis

The definitive guide to distribution and transmission line technology--fully updated Completely revised to reflect the 2012 National Electrical Safety Code (NESC), The Lineman's and Cableman's Handbook, 12th Edition, provides in-depth information on overhead and underground distribution and transmission lines. The latest OSHA, ANSI, and ASTM standards are emphasized throughout. This authoritative resource presents basic principles, equipment, standards, and safety regulations, allowing electrical workers to avoid costly errors, diagnose and repair power failures, and ensure optimum safety. A wealth of illustrations and photographs make it easy to understand the material, and self-test questions and exercises help reinforce key concepts. Comprehensive coverage includes: Electrical principles and systems \* Substations \* Circuits \* Construction \* Wood-pole, aluminum, concrete, fiberglass, and steel structures \* Distribution automation \* Emergency system restoration \* Unloading, hauling, erecting, setting, and guying poles \* Insulators, crossarms, and conductor supports \* Line conductors \* Distribution transformers \* Lightning and surge protection \* Fuses \* Switches, sectionalizers, and reclosers \* Voltage regulators \* Transmission tower erection \* Stringing, sagging, and joining line conductors \* Live-line maintenance \* Grounding \* Street lighting \* Underground distribution \* Vegetation management \* Distribution transformer installation \* Electrical drawing symbols \* Single-line and schematic diagrams \* Voltage regulation \* Units of measurement, electrical definitions, electrical formulas, and calculations \* Maintenance of transmission and distribution lines \* Rope, knots, splices, and gear \* Climbing and wood poles \* Protective equipment \* OSHA 1910.269 \* Resuscitation \* Pole-top and bucket rescue

## Book Information

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## Customer Reviews

I purchased this book for my husband who is taking the EL1 Lineman's test. It was highly recommended by people who have taken the test and passed it. It is reportedly the "best" out there to prepare for the Lineman's Licensing Exam.

I have an older version of this book; about 15 years old. I was a bit surprised at how little the book has changed since then. I donated my old one to the office library. If you have one of these and they're not older than 15 years old, you can probably do without purchasing a new one for at least another 5 years. Still, there are a lot of changes coming down with power distribution equipment. The basics stay the same, but the equipment is changing fast to accommodate the de-regulated market, "smart-grid" (whatever the heck that really is), and a general consensus that electrical distribution have minimal environmental impact.

Plenty of information. Lots of math equations, diagrams and specs. You'll get a good understanding in how electricity works and how it's made. Well worth the money for any apprentice lineman.

The book wasn't the expected book that was needed for my class, but it did have everything that was needed once he finished class and graduated so it was a better idea to buy the book instead because he can still follow along in class and not have to order 2 books

Perfect book to add to my collection of material. Would recommend this to anyone that would want to learn more about linework.

Great read for those who want to no why things are done a certain way ,very informative very technical book!!

Great book. Tons of useful info and pictures. Great for apprentices!

Bought the book to learn more about my job and it was exactly what I needed. I've learned more from the book than I expected. I recommend it to anyone who works the line side of electrical work.

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