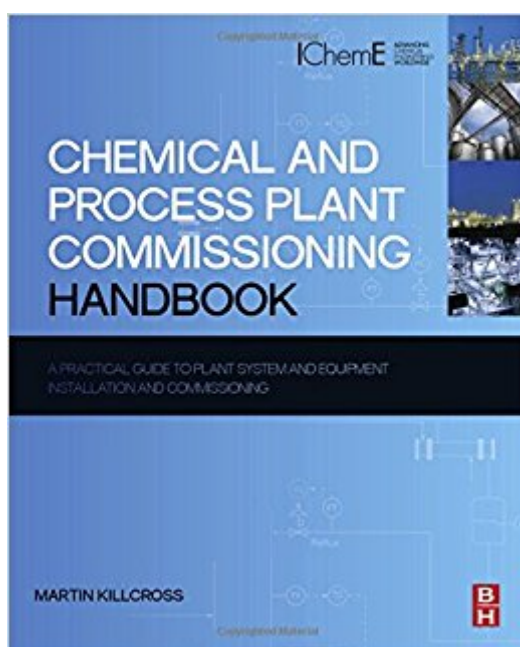


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# Chemical And Process Plant Commissioning Handbook: A Practical Guide To Plant System And Equipment Installation And Commissioning



## Synopsis

The Chemical and Process Plant Commissioning Handbook, winner of the 2012 Basil Brennan Medal from the Institution of Chemical Engineers, is a guide to converting a newly constructed plant or equipment into a fully integrated and operational process unit. Good commissioning is based on a disciplined, systematic and proven methodology and approach that achieve results in the safest, most efficient, cost effective and timely manner. The book is supported by detailed, proven and effective commission templates, plus extensive commissioning scenarios that enable the reader to learn the context of good commissioning practice from an experienced commissioning manager. It focuses on the critical safety assessment and inspection regimes necessary to ensure that new plants are compliant with OSHA and environmental requirements. Martin Killcross has brought together the theory of textbooks and technical information obtained from sales literature, in order to provide engineers with what they need to know before initiating talks with vendors regarding equipment selection. Unique information from a respected, global commissioning manager: delivers the know-how to succeed for anyone commissioning new plant or equipment. Comes with online commissioning process templates that make this title a working tool kit as well as a key reference. Extensive examples of successful commissioning processes with step-by-step guidance enable readers to understand the function and performance of the wide range of tasks required in the commissioning process.

## Book Information

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## Customer Reviews

"This handbook for new and experienced commissioning engineers, project managers, and operations managers offers a methodology for commissioning chemical and process plants, which can be used when commissioning a new plant, or for modified equipment in an existing facility, or in a turnaround or overhaul scenario. The handbook takes the approach that commissioning is a series of checks and counter-checks to confirm that the newly constructed chemical plant is fit for purpose and suitable for ongoing operation. The book is divided into sections on preparation, implementation, and close-out, with much information in bullet list format. For each step of the process, the handbook offers worked examples, checklists, and guidance on paperwork. The book also includes about 70 pages of sample blank documents, which can be used to create commissioning manuals, plus 40 pages of schematics and engineering drawings especially designed to illustrate info in the handbook. Killcross is a commissioning consultant." --Reference and Research Book News, October 2012

Commissioning manager for URENCO ChemPlants, UK

Most of the information can be found on internet. Still is nice to have practical guide all in one place. Cost should be less for what is actually delivered. I love that the author made general forms available online...

A no-nonsense, easy read giving a practical step by step guide how to structure your commissioning team and processes. An essential read to anyone involved in commissioning/starting up chemical process plants.

Good easy read and a book worth having. Having the example check sheets was very helpful to me. Well organized thought process. I wish there were explicit onshore and offshore commissioning section

A book of this nature is perhaps something that a plant commissioning engineer needs the most in his field of work. Written very systematically this book should be referred at every stage of plant commissioning which is the last milestone to achieve completion of a project

Was just what we wanted

Great book detailing a systematic approach to commissioning. A guideline for experience and unexperienced to follow.

Great handbook for reference

General info for commissioning are good.well written.easy to understand.A bit too much general. No details, no example

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