Principles of Building Commissioning

Description: incorporate commissioning into the building acquisition process

Commissioning is coming of age.

Savvy building owners have adopted commissioning as an effective way to improve the facility acquisition process. Green building initiatives have embraced commissioning as a way of assuring quality in the delivery of high-performance buildings. This long-established quality control process for building mechanical systems is emerging as a broader construction management tool improving nearly all aspects of a project.

What exactly is this thing called commissioning? Principles of Building Commissioning answers this fundamental question with the first all-inclusive, practical guide to the application of the principles of commissioning. The book clarifies the underlying philosophy of commissioning: the why, what, when, and who of this process. Shaped by the ASHRAE Guideline 0 view of the world of commissioning, Building Commissioning:

Maps out the territory of commissioning
Outlines its defining characteristics
Explains its flow of processes
Demystifies its documentation

Making the fundamentals of commissioning accessible to all parties—building owners and operators, architects and engineers, users and suppliers—who may be called upon to join the commissioning team for a particular project, Building Commissioning serves as the professional's road map to the commissioning process, from the predesign phase through occupancy.

Contents:

Preface.
Acknowledgments.
1 What Is Commissioning?
Building Commissioning.
The Building Acquisition Process.
What Building Commissioning Can Do.
What Building Commissioning Cannot Do.
Total Building Commissioning.
References.
2 The Commissioning Process.
Commissioning Is a Process.
Predesign Phase.
Owner’s Project Requirements.
Commissioning Plan.
Design Phase.
Basis of Design.
Commissioning Plan.
Construction Documents.
Construction Phase.
Equipment and Systems Verification.
Training.
Commissioning Plan Updates.
Occupancy and Operations Phase.
References.

3 The Commissioning Team.
Teamwork Is Necessary.
The Commissioning Authority.
Owner Representatives.
Design Team Representatives.
Contractor Representatives.
Specialists.
Commissioning Team Participation Expectations.

4 Commissioning Coordination.
The Role of Coordination.
Defining and Conveying Project Requirements.
Defining and Verifying Design Solutions.
Defining and Conveying Construction Verification Requirements.
Defining and Conveying Training Requirements.
Defining and Conveying Operational Information.
Planning for Ongoing Commissioning.
References.

5 Verification and Testing.
The Importance of Verification.
Predesign Phase.
Design Phase.
Construction Phase.
Occupancy and Operations Phase.
Reference.

6 Documentation.
Commissioning Documentation.
The Commissioning Plan.
Owner’s Project Requirements.
Basis of Design.
Contract Documents/Construction Documents.
Construction Checklists.
Training Plan.
Issues Log.
Meeting Minutes.
Commissioning Process Reports.
References.

7 Training.
Training Owner’s Personnel.
The Training Plan.
Predesign.
Design.
Construction.
Occupancy and Operations.
Reference.

8 Special Commissioning Contexts.
Special Contexts?
Ongoing Commissioning.
Retrocommissioning.
Commissioning for Green Buildings.
Discipline–Specific Commissioning Guidance.

References.

Glossary.

Commissioning Resources.

Index.


Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td>USD 118 + USD 29 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________ 
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World