

Elevator Commissioning Guide

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This chapter provides the operation instructions for the elevator industry. Refer to the content of this chapter, you can quickly complete the installation and commissioning of elevators, including related wiring and parameter setting.

Please pay special attention to the following precautions while operating this product.



DANGER

- ☑ Be sure to turn off the power before wiring.
- ☑ When the product is energized, do not remove the cover so as to avoid the risk of electric shock.
- ☑ Terminal E[Ⓢ] must be properly grounded. The 230V series shall be grounded with Type 3 grounding; the 460V series shall be grounded with the special grounding.



CAUTION

- ☑ Before starting the operation, please make sure the compatibility between Delta's Integrated Elevator Drive (IED) and the motor of the elevator; please refer to Appendix A Specifications.
- ☑ When a Delta IED is in operation, do not touch the heat sink (socket) and the braking resistor to avoid the risk of burns.
- ☑ During the installation, the installation precautions must be observed; unauthorized operating environment may result in fire, gas explosion, electrical induction and other events.
- ☑ If the wiring between the Delta IED and a motor is too long, the interlayer insulation of the motor may be damaged. In this case, please replace the motor with an AC motor dedicated for Delta IED or install a reactor (Please refer to Appendix B) between Delta IED and the AC motor so as to prevent the damaged insulation from burning the AC motor.
- ☑ The rated voltage of the power system for installing the Delta IED shall not exceed 240 V for the 230 series (480V for the 460 series); and the current shall not exceed 5000A RMS (10000A RMS for the models with capacities higher than 40HP (30kW))

Elevator Commissioning Guide

H Kauffman



Elevator Commissioning Guide:

Principles of Building Commissioning Walter T. Grondzik, 2009-03-03 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 **The CSI Project Delivery Practice Guide** Construction Specifications Institute, 2010-12-07 Get the must have reference on standards and best practices for the delivery of a construction project The CSI Practice Guides are a library of comprehensive references specifically and carefully designed for the construction professional Each book examines important concepts and best practices integral to a particular aspect of the construction process Laying the foundation for this series The CSI Project Delivery Practice Guide provides fundamental knowledge for the documentation administration and successful delivery of construction projects It also serves as the pivotal starting point for understanding CSI s core values as well as a useful study aid for those wishing to obtain the Construction Documents Technologist certificate This easy to follow guide Is a great introduction to the construction process for the new practitioner Functions as a ready reference for the experienced construction professional Packaged with the book is an access code which allows access to a password protected web site with bonus content including a PDF of the printed book and samples of CSI format documents such as UniFormat and SectionFormat PageFormat The CSI Project Delivery Practice Guide offers general information all construction professionals need for understanding their roles in the delivery of a construction project Key principles are presented and discussed in detail to allow the reader to take full advantage of material covered in depth by the more specialized CSI Practice Guides If you can own only one Practice Guide this is the one to get **The CSI Construction Product Representation Practice Guide** Construction Specifications Institute, 2013-04 This text provides information on best practices for effective and professional construction product representation including Principles of effective product representation Comprehensive knowledge of and preparation and use of construction documents The kinds of information

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Handbook of Construction Management Abdul Razzak Rumane, 2016-08-05 The book is developed to provide significant information and guidelines to construction and project management professionals owners designers consultants construction managers project managers supervisors contractors builders developers and many others from the construction related industry involved in construction projects mainly civil construction projects commercial A E projects and construction related industries It covers the importance of construction management principles procedures concepts methods and tools and their applications to various activities components subsystems of different phases of the life cycle of a construction project These applications will improve the construction process in order to conveniently manage the project and make the project most qualitative competitive and economical It also discuss the interaction and or combination among some of the activities elements of management functions management processes and their effective implementation and applications that are essential throughout the life cycle of project to conveniently manage the project This handbook will Focus on the construction management system to manage construction projects Include a number of figures and tables which will enhance reader comprehension Provide all related topics areas of construction management Be of interest to all those involved in construction management and project management Provide information about Building Information Modeling BIM and ISO Certification in Construction Industry Offer a chapter on Lean construction The construction project life cycle phases and its activities elements subsystems are comprehensively developed and take into consideration Henri Fayol s Management Function concept which was subsequently modified by Koontz and O Donnell and Management Processes Knowledge Areas described in PMBOK published by Project Management Institute PMI The information available in the book will also prove valuable for academics instructors to provide construction management project management students with in depth knowledge and guidelines followed in the construction projects and familiarize them with construction management practices

Airman's Guide , 1949 Green Schools National Research Council, Division on Engineering and Physical Sciences, Board on Infrastructure and the Constructed Environment, Committee to Review and Assess the Health and Productivity Benefits of

Green Schools,2007-02-25 Evidence has accumulated that shows that the quality of indoor environments can affect the health and productivity of adults and children One consequence is that a movement has emerged to promote the design of schools that have fewer adverse environmental effects To examine the potential of such design for improving education several private organizations asked the NRC to review and assess the health and productivity benefits of green schools This report provides an analysis of the complexity of making such a determination and an assessment of the potential human health and performance benefits of improvements in the building envelope indoor air quality lighting and acoustical quality The report also presents an assessment of the overall building condition and student achievement and offers an analysis of and recommendations for planning and maintaining green schools including research considerations [ASHRAE Handbook](#),2007 *Guide to Winning Federal Government Contracts* ZweigWhite,2011-02-15 **Guide to GST on Services (HSN Code wise taxability of all services)** Rakesh Garg,Sandeep Garg,2021-09-20 KEY FEATURES 360 degree overview of the GST provisions on services Detailed HSN code Activity wise commentary on services in 28 chapters Exclusive chapters on exempt government agriculture and employees services Comprehensive discussion on important GST concepts on services Upto date notifications of Service Tax Rates and Exemptions Online chapters on CGST Act Rules and IGST Act Rules Scheme of Classification of Services Explanatory Notes at www.rgargsgarg.com CONTENTS Part A Concepts of GST Services Chapters A 1 to A 22 cover general provisions relating to services such as meaning scope of supply time value place of supply levy reverse charge composition input tax export refund registration accounts etc Part B HSN Code wise Guide on Services Chapters B 1 to B 28 comprises of critical analysis of HSN Code wise services through illustrations and tables Part C Rates Chapters containing upto date notifications of Service Tax Rates and Exemptions Part D Online Chapters Online chapters on CGST Act Rules and IGST Act Rules Scheme of Classification of Services and Explanatory Notes available at www.rgargsgarg.com **Fire Safety for Very Tall Buildings** International Code Council,2021-10-30 This Guide provides information on special topics that affect the fire safety performance of very tall buildings their occupants and first responders during a fire This Guide addresses these topics as part of the overall building design process using performance based fire protection engineering concepts as described in the SFPE Engineering Guide to Performance Based Fire Protection This Guide is not intended to be a recommended practice or a document that is suitable for adoption as a code The Guide pertains to super tall very tall and tall buildings Throughout this Guide all such buildings are called very tall buildings These buildings are characterized by heights that impose fire protection challenges they require special attention beyond the protection features typically provided by traditional fire protection methods This Guide does not establish a definition of buildings that fall within the scope of this document [Heating, Ventilating, and Air-Conditioning Applications](#) Mr. Rohit Manglik,2024-01-03 EduGorilla Publication is a trusted name in the education sector committed to empowering learners with high quality study materials and resources Specializing in competitive exams and academic support EduGorilla provides comprehensive and

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Fire and Life Safety Inspection Manual Robert E. Solomon, 2012 The Fire and Life Safety Inspection Manual Ninth Edition is the most up to date inspection reference manual for those interested in fire protection fire safety and life safety inspections It provides step by step guidance through the complete fire inspection process with special emphasis on life safety considerations This text identifies dangerous and hazardous conditions that could be encountered in a structure and spells out the chief areas the inspector should be focused on during an inspection Inspectors should use the Fire and Life Safety Inspection Manual Ninth Edition to identify existing deficiencies imminently dangerous conditions or a fault in a procedure or protocol that may result in a fire Six new chapters have been added to make sure fire inspectors have the knowledge and resources available to effectively conduct all types of fire inspections These new chapters include Chapter 5 Certification and Training for Inspectors Chapter 6 Green Technologies and the Inspector Chapter 24 Commissioning Process for Fire Protection Systems Chapter 25 Accessibility Provisions Chapter 26 Grass Brush and Forest Fire Hazards Chapter 27 Tunnels More than three hundred codes and standards form the basis for the criteria recommendations and requirements that are found throughout the text Early chapters provide important background information while the second half presents inspection guidelines for specific fire protection systems and occupancies that are based on the Life Safety Code R This text is packaged with an access code that provides free access to easy to follow checklists to help you remember and record every important detail

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