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Nota di contenuto	1 Introduction -- 1.1 General / Hermann Koch -- 1.2 Definitions / Hermann Koch -- 1.3 Standards and References / John Brunke -- 1.4 Ratings / Hermann Koch -- 2 Basic Information -- 2.1 History / Hermann Koch -- 2.2 Physics of Gas-insulated Switchgear / John Brunke -- 2.3 Reliability and Availability / Hermann Koch -- 2.4 Design / Phil Bolin -- 2.5 Safety / Hermann Koch -- 2.6 Grounding and Bonding / John Boggess -- 2.7 Factors for choosing GIS / John Boggess -- 2.8 Sulfur Hexafluoride (SF6) / Hermann Koch -- 3 Technology -- 3.1 General / Hermann Koch -- 3.2 Modular Components, Design and Development Process / Hermann Koch -- 3.3 Manufacturing / Hermann Koch -- 3.4 Specification Development / George Becker -- 3.5 Instrument Transformers / Hermann Koch -- 3.6 Interfaces -- 3.6.1 Direct Connection between Power Transformers and GIS / Xi Zhu -- 3.6.2 Cable Connections for Gas Insulated Switchgear for rated voltage above 52kV / Xi Zhu -- 3.6.3 Bushings / Sharma Devki -- 3.7 Gas Insulated Surge Arrestors D / Dave Lin -- 3.8 Gas Insulated Bus / Hermann Koch -- 4 Control and Monitoring -- 4.1 General / Hermann Koch -- 4.2 Monitoring / Nobby Fujimoto -- 4.3 Local Control Cabinet / Pravakar Samanta -- 4.4 Digital Communication / Hermann Koch -- 5 Type and Routine Testing -- 5.1 General / Peter Grossmann -- 5.2

Type Tests / Peter Grossmann -- 5.3 Routine Tests / Peter Grossmann -- 5.4 On-site Field Testing / Charles Hand -- 6 Installation -- 6.1 General / Hermann Koch -- 6.2 Installation / Richard Jones -- 6.3 Energization: Connecting to the Power Grid / James Massura -- 7 Operation & Maintenance -- 7.1 General / Hermann Koch -- 7.2 Operation of a Gas Insulated Substation / Charles Hand -- 7.3 Maintenance / Arnaud Fichoux -- 7.4 Repair / Arnaud Fichoux -- 7.5 Extensions / Arnaud Fichoux -- 7.6 GIS Retrofit or upgrade / Ravi Dhara -- 7.7 Overloading and thermal limits / Arnaud Fichoux -- 8 Applications -- 8.1 General / Hermann Koch -- 8.2 Typical GIS Layouts / Peter Grossmann. 8.3 Reference Projects / Arun Arora -- 8.3.1 500 kV Indoor GIS and 115 kV AIS -- 8.3.2 115 kV GIS Switching Station Substation -- 8.3.3 345 kV and 4000 A Indoor Expendable Ring Bus GIS -- 8.3.4 69 kV and 3150 A Indoor Double Bus GIS -- 8.3.5 115 kV and 1200 A Container Ring Bus GIS -- 8.3.6 115 kV and 2000 A Outdoor Single Bus GIS -- 8.3.7 345 kV and 4000 A Indoor Breaker and Half GIS -- 8.3.8 115 kV and 3150 A Indoor Ring Bus GIS -- 8.3.9 69 kV and 2000 A Indoor Ring Bus GIS -- 8.3.10 138 kV and 230 kV Outdoor Ring Bus GIS -- 8.3.11 500 kV and 4000 A/8000 A Indoor Breaker and Third GIS -- 8.3.12 69 kV and 1600 A Outdoor Single Bus GIS -- 8.3.13 69 kV and 2000 A Underground GIS Hermann Koch -- 8.4 GIS Case Study Public Service Electric and Gas Company - New Jersey 230 kV, 80 kA Bergen Switching Station Peter Grossmann -- 8.5 Mobile GIS / Hermann Koch -- 8.6 Mixed Technology Switchgear (MTS) / Dave Solhtalab -- 8.7 Future Developments / Hermann Koch -- 9 Other Topics -- 9.1 General / Hermann Koch -- 9.2.1 Environmental Life Cycle Assessment / Venkatesh Minisandram -- 9.2.2 GIS Environmental Impact / Arnaud Fichoux -- 9.2.3 Environmental Impact / Hermann Koch -- 9.3 Life Cycle Cost Analysis / George Becker -- 9.4 Insulation Coordination Study / Hermann Koch -- 9.5 Very Fast Transients / Nobby Fujimoto -- 9.6 Project Scope Development / Jorge Marquez -- 9.7 Risk-Based Asset Management of Gas-Insulated Substations and Equipment / George Becker -- 9.8 Health and Safety Impact / Hermann Koch -- 9.9 Electro Magnetic Field / Hermann Koch -- 10 Conclusions / Hermann Koch.

Sommario/riassunto

Gas Insulated Substations is an all-inclusive reference guide to gas insulated substations (GIS) which takes account of its basic principles, technology, application, design specification, testing and ownership issues. Practical and theoretical aspects are handled by acknowledged GIS experts who have been involved with the technology from the start. They provide the reader with the knowledge needed to identify a project with GIS, manage the GIS process and then assemble and later maintain that system. This learning resource offers engineering students and manufacturing professionals a sound insight into this important technology at a time when application of GIS is spreading as fresh projects are being launched and more companies are becoming involved. Key features: Written by leading GIS experts who have been involved in the development of the technology since its invention. Discusses both the practical and theoretical aspects of GIS. Details advanced and basic material, accessible for both existing GIS users and those planning to implement the technology. Chapters are written as tutorials and provide helpful references for further reading and study. Invaluable guide to practicing electrical, mechanical and civil engineers as well as third and fourth year electric power engineering students.