SASO Technical Regulation for Building Materials Training course

Professional Development Training Course Outline

Category	Civil Engineering and Infrastructure Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

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Programme Curriculum

SASO Technical Regulation for Building Materials Training course

Introduction

SASO Technical Regulation for Building Materials Training course is designed for professionals involved in the construction and building materials industry who seek to understand the Saudi Standards, Metrology, and Quality Organization (SASO) regulations. As the demand for high-quality and safe building materials increases, compliance with SASO regulations becomes essential for ensuring the safety, durability, and performance of construction projects. This course provides participants with a comprehensive overview of the standards and regulations governing building materials in Saudi Arabia, equipping them with the knowledge necessary to ensure compliance and enhance product quality.

Participants will explore key topics such as the principles of material testing, certification processes, and the importance of quality management systems. The course emphasizes practical applications, enabling attendees to navigate the regulatory landscape effectively and implement best practices in their organizations. By engaging in interactive discussions, case studies, and hands-on activities, participants will develop the skills required to assess building materials against SASO standards and contribute to the overall improvement of construction practices. By the end of the program, attendees will be well-prepared to ensure that their products meet regulatory requirements and enhance the quality of construction in Saudi Arabia.

Course Objectives

1. Understand the fundamentals of SASO regulations for building materials.
2. Familiarize with the key standards and specifications applicable to construction materials.
3. Develop skills for assessing compliance with SASO regulations.
4. Learn about testing methods and procedures for building materials.
5. Explore certification processes and requirements.
6. Implement quality management systems in the context of building materials.
7. Analyze case studies of successful SASO compliance.
8. Engage stakeholders in the regulatory process and compliance efforts.
9. Understand the implications of non-compliance and associated risks.
10. Stay updated on emerging trends and changes in building material regulations.
11. Develop strategies for continuous improvement in material quality.
12. Prepare for audits and inspections related to SASO compliance.
13. Create action plans for implementing SASO regulations effectively.

Target Audience

1. Quality Assurance Managers
2. Construction Engineers
3. Architects
4. Building Material Manufacturers
5. Compliance Officers
6. Project Managers
7. Regulatory Affairs Specialists
8. Graduate Students in Construction Management or Engineering

Course Duration: 5 Days

Course Modules

Module 1: Introduction to SASO and Building Material Regulations

- Overview of SASO and its role in building material regulation.
- Importance of compliance in the construction industry.
- Key objectives of SASO technical regulations.
- Historical context and development of building material standards.
- Case studies illustrating the impact of regulations on construction quality.

Module 2: Key Standards and Specifications

- Overview of key SASO standards for building materials.
- Detailed examination of specific regulations (e.g., concrete, steel, insulation).
- Understanding material performance criteria and testing requirements.
- Importance of standardization in material quality.
- Practical exercises on identifying applicable standards.

Module 3: Compliance Assessment and Evaluation

- Techniques for assessing compliance with SASO regulations.
- Tools and methods for evaluating building material quality.
- Conducting internal audits and inspections.

- Developing compliance checklists and documentation.
- Case studies on successful compliance assessments.

Module 4: Testing Methods for Building Materials

- Overview of testing methods and procedures.
- Techniques for physical and chemical testing of materials.
- Understanding laboratory accreditation and certification.
- Interpreting test results and their implications for compliance.
- Hands-on demonstrations of testing procedures.

Module 5: Certification Processes and Requirements

- Overview of the certification process for building materials.
- Understanding the roles of certification bodies and laboratories.
- Documentation and reporting requirements for certification.
- Preparing for certification audits and assessments.
- Case studies on successful certification processes.

Module 6: Quality Management Systems in Building Materials

- Principles of quality management systems (QMS).
- Implementing QMS in the context of building material production.
- Continuous improvement strategies for material quality.
- Engaging employees in quality assurance initiatives.
- Tools for monitoring and measuring quality performance.

Module 7: Stakeholder Engagement and Regulatory Compliance

- Importance of stakeholder engagement in the regulatory process.
- Strategies for effective communication with regulatory bodies.
- Building partnerships with industry associations and organizations.
- Engaging in public consultations on material regulations.
- Case studies on successful stakeholder collaboration.

Module 8: Future Trends and Challenges in Building Material Regulations

- Emerging trends in building material technologies and regulations.
- The impact of sustainability and environmental considerations.
- Adapting to changes in regulatory frameworks.
- Preparing for future challenges in compliance and quality assurance.
- Discussions on the evolving landscape of the construction industry.

Training Methodology

- **Interactive Workshops:** Facilitated discussions, group exercises, and problem-solving activities.
- **Case Studies:** Real-world examples to illustrate successful community-based surveillance practices.
- **Role-Playing and Simulations:** Practice engaging communities in surveillance activities.
- **Expert Presentations:** Insights from experienced public health professionals and community leaders.
- **Group Projects:** Collaborative development of community surveillance plans.
- **Action Planning:** Development of personalized action plans for implementing community-based surveillance.

- **Digital Tools and Resources:** Utilization of online platforms for collaboration and learning.
- **Peer-to-Peer Learning:** Sharing experiences and insights on community engagement.
- **Post-Training Support:** Access to online forums, mentorship, and continued learning resources.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

- Participants must be conversant in English.
- Upon completion of training, participants will receive an Authorized Training Certificate.
- The course duration is flexible and can be modified to fit any number of days.
- Course fee includes facilitation, training materials, 2 coffee breaks, buffet lunch, and a Certificate upon successful completion.
- One-year post-training support, consultation, and coaching provided after the course.
- Payment should be made at least a week before the training commencement to Fineskill Training Center account, as indicated in the invoice, to enable better preparation.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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