



# Job Skills Department

## Weekly Update

**Week 13**

May 26 - 30, 2024

2023 - 2024 Semester 2

Sharing weekly highlights, operations, and accomplishment of the department

**Occupational Health and Safety Inspection**

**Civil Inspection**

**Electrical Inspection**

**Welding Inspection**

**Electrical Inspection Trainees visited ERAM Power Electronics**

On May 27, 2024, twenty-five electrical diploma 2 trainees embarked on an insightful industry visit to ERAM Power Electronics, located in the 3rd Industrial Area of Dammam. Throughout the visit, they delved into the meticulous monitoring of various parameters as per the revered IEEE 519 Standards. Engaging with experts, they gained invaluable knowledge about crucial systems such as Uninterruptible Power Supplies (UPS), Battery Chargers, Frequency Converters, Variable Frequency Drives (VFDs), and DC Power Supplies. This immersive experience equipped them with practical skills and deepened their understanding of electrical engineering principles, paving the way for their future success in the field of electrical inspection.



**Occupational Safety Seminar Empowers Trainees with Energy Control Expertise**



Occupational health and safety inspection trainees gathered at D Auditorium on May 27, 2024 for a presentation titled "Accident to Zero: Effective Energy Control." This session focused on imparting vital knowledge regarding energy control programs aimed at preventing workplace accidents associated with hazardous energy, covering topics such as identifying energy sources, understanding injury causes, and implementing lockout/tagout procedures. Participants acquired actionable skills to minimize accident risks.

**NDT Trainees Attended Advanced NDT Inspection Solutions Training and Seminar**

On May 28, 2024, NDT Inspection trainees gathered for an immersive session hosted by Dolphitec, delving deep into the realm of ultrasonic inspection solutions. Through dynamic demonstrations and expert guidance, attendees explored state-of-the-art techniques for flaw detection and precision testing. Amidst this enriching experience, Dolphitec proudly unveiled their latest innovation: the Inspection Advance Solution. This cutting-edge technology promises to revolutionize non-destructive testing, offering unparalleled accuracy and efficiency. Participants left the event equipped with newfound knowledge and a glimpse into the future of inspection methodologies.



**Diploma 1 Trainees Leveled Up in Work Permit Awareness**



Diploma 1 trainees gathered at the D Building Auditorium On May 30, 2024 for a seminar workshop on work permit awareness. They explored the fundamentals of permits, including types and application processes, emphasizing safety protocols. Through interactive sessions, attendees gained practical skills in risk assessment and permit inspections, ensuring they're equipped for safety-conscious work environments.

**Civil Inspection Trainees Explored Khonaini's Dammam School Site**

On May 30, 2024, civil inspection trainees visited Khonaini International Company's Public Schools construction site in East Dammam. Applying their skills, they observed every phase of the project, enhancing their understanding of real-world construction practices and the importance of adherence to quality and safety standards.



**Understanding Welding Quality Dimensions Seminar**



A seminar on "Understanding Welding Quality Dimensions" was held at the D Building auditorium for welding, NDT, and mechanical inspection trainees on May 30, 2024. The session covered key aspects of welding quality, including standards, inspection techniques, and best practices to ensure weld integrity. The guest provided practical examples and highlighted the latest advancements in welding technology.