



معهد صحرار
للتدريب الصناعي
Sohar **Industrial**
Training Institute



WE LOOK
TO THE FUTURE



We challenge ourselves
continuously in our
quest for excellence.



We discharge
our responsibilities
with respect for all.



We commit ourselves
to the nation
and its culture.



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Connecting Training, Learning and Development Professionals to Drive Excellence

What we do best

Provide transformational training and development solutions, equipping our delegates with real skills driving organizational growth.



WHO WE ARE

SITI was established in 2008 as a training center and was later upgraded to an institute in 2016. The institute primarily focuses on delivering technical vocational training while also providing safety and soft skills training.

Our mission is to make training accessible within the region by adapting and delivering training wherever required. We can coordinate training programmes consistently across many locations.

WHAT WE DO

Sohar Industrial Training Institute (SITI) is an industrial institute that is approved by the Sultanate of Oman's Ministry of Higher Education, Research, and Innovation and operated by Sohar Aluminium. It is situated in Sohar Industrial Estate.

SITI provides training to an internationally competitive standard. Our clients are constantly required to innovate and find new ways of delivering services against increased competition and constrained resources.

OUR ACTIVITIES

Our training facility is based in North Al-Batinah region in Oman, having an unequaled facility with certified trainers in the region, based on our rich background in academia, research, training, and consultancy.



Developing individual and organizational skills



Aligning strategic intent through target focused training



Delivering a variety of training courses, based on the best practices



The institute consists of 7 classrooms, a computer lab, a Programmable Logic Controllers (PLC) lab, a welding and fabrication workshop, an electrical and mechanical training workshop, hydraulic and pneumatic training labs, instrumentation training lab, two meeting rooms, library, and a multi-purpose auditorium with a 200+ seating capacity.

Along with the state-of-the-art training facilities, SITI is proud of the credentials of its trainers who are highly qualified and specialised in their fields. SITI constantly strives to develop and improve the skills and knowledge of its training staff to ensure that the trainees receive their optimum level of investment.





OUR COURSES



Electrical Courses



A portfolio of electrical maintenance courses that cover a wide spectrum of electricity, electronics and electromagnetism.



Welding and Fabrication Program



A one-stop-shop of all workshop skills from simple hand tools to heavy arc welding.



Instrumentation & Control Courses



A full automation training package including analog/digital electronics, PLC and movement tools.



Environment, Health and Safety courses



A complete set of EHS courses required for small to heavy industries.



Mechanical Courses



A wide range of mechanical maintenance courses including pneumatics, hydraulics, pumps, gears and chain drives.



Professional Development Courses

While we are specialized in technical courses that cater to the manufacturing industries, we also offer a wide range of other courses in various professional areas. These include an array of soft skill training as well as professional certifications in Lean Six Sigma and psychometrics



THE COURSES

Brief introduction to the courses

We offer a comprehensive range of training courses covering occupational health and safety to help your employees gain the key skills required in the manufacturing industry. Our range of EHS training will increase their knowledge and make workplace healthier and safer.



EHS COURSES





Environment, Health & Safety Courses

Confined Space (Basic)

Hot Work Permit

Working at Height

Hand & Finger Safety

General Work Permit

Manual Handling

Hazardous Energy Control (LOTO)

Mobile Equipment

Rigging & Slings

Pre-Start Task Analysis (PSTA)

Fire Extinguishers

Line of Fire

Waste Management

Situational Awareness

Fire Warden

Risk Assessment



Mechanical Courses

The mechanical courses offered provide the essential hands-on training that is suitable for entry-level technicians as well as veteran engineers. Mastering the competencies in these courses is a gateway to becoming a full-fledged mechanical engineer.



Mechanical Courses

Striving for excellence, our training is evaluated for quality and relevance and improvements introduced where required. Our Mechanical training can be offered as apprenticeship programs or by module to help fill competency gaps or support learning and development needs.





Mechanical Courses

LEVEL 1

Workshop Safety	Symbolic Signs & Colour Coding
Materials Identification	Engineering Drawing
Mechanical Measuring Instruments	Marking Off
Hand Tools	Pedestal Grinders
Pedestal Drilling Machines	Power Tools
Threaded Fasteners	

LEVEL 2

Seals and Gaskets	Bearings
Lubrication Oil and Grease	V-Belts
Couplings Maintenance & Alignment	Chain Drives Maintenance & Alignment
Gear Drives	Pumps
Valves	Gas Cutting & Arc Welding
NDT (Non-Destructive Testing)	Vibration Analysis (Basic)

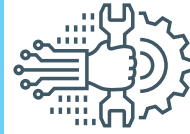
LEVEL 3

Industrial Pneumatics (Basic)	Industrial Pneumatics (Advance)
Electro-Pneumatics (Basic)	Industrial Hydraulics (Basic)
Industrial Hydraulics (Advance)	Electro-Hydraulics (Basic)



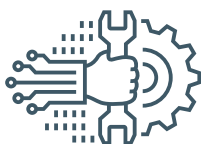
ELECTRICAL COURSES

SITI electrical courses focus on the application of electricity, electronics and electromagnetism. The trainees will be able to design electric circuits and equipment and also will be able to work on large scale projects.



ELECTRICAL COURSES

In order to decrease downtime and improve workforce safety, a maintenance technician must have a thorough knowledge of how such systems operate, from an introduction to electricity and electronics to step-by-step electrical system troubleshooting. Electrical courses provide this knowledge through a combination of theory, demonstrations, and hands-on practical training.





Electrical Courses

LEVEL 1

Converting Units and Prefixes

Electromagnetism

Analyzing Electrical Units

Electrical Measuring Instrument

Electrical Power Supplies

LEVEL 2

Measuring Resistance

Selecting Conductors and Cables

Identifying Contactor and
Overload Protection

Single Phase

Earth Leakage Protection Circuit

Transformer (Basic)

Wiring A Direct Online Starter

Principle Of Motor Control (Basic)

Circuit Layout and Specifications

Control Circuits (Basic)

Induction Motors

Single Phase Motor

Three Phase Motor

Star & Delta Motor Connection

LEVEL 3

Jogging Control Circuits

Reduced AC Voltage Starters

Time Relay Circuits

PLC (Basic)

Electrical Fault Finding

Basic Controls

Variable Speed Drives

Electro-Pneumatics (Basic)

Generic Drives

Electro-Hydraulics (Basic)



THE COURSES

Welding and Fabrication Program

Our welding and fabrication program offers a complete set of courses for industrial workers. These courses span from simple hand skills and tools, using heavy fabrication machinery, to arc welding and oxy-acetylene cutting.



WELDING AND FABRICATION

With a choice of on-site practical training, weld procedure development and witnessing of welder qualification, our training covers the main arc welding processes that are used by industry. This training can be delivered for companies at basic, refresher or advanced levels across all of the major industry sectors, including oil and gas, chemicals, power, automotive, and construction.





Welding and Fabrication

Safety of Workplace

Material Properties

Bench Works and Fitting

Drilling and Grinding

Engineering Drawing

Forming Processes

Oxy-acetylene Gas Cutting

Arc Welding

Sheet Metal Works



Instrumentation & Control Courses

Our Industrial Instrumentation and Control courses are designed to improve knowledge and skills by providing a better understanding of process variables, control systems, sensors, transmitters, control loops, PLCs, and more. Learn the essentials of process control and instrumentation for a successful career in process industries.



INSTRUMENTATION & CONTROL COURSES





Instrumentation & Control Courses

Industrial Basic Electronics

Power Supplies

Digital Electronics

Analog Electronics

Micrologix 1500 (PLC ALLEN-BRADLEY)

Measurement of Process Parameters

Controllers

Diagrams

Sampling and Sample Conditioning for Analysers

Final Control Element

Explosive Atmosphere, Fire Detection And Protection

**Basic Power Plant Processes, Power Generation,
Transmission & Distribution**

Compressed Air



OTHER COURSES

We believe learning should be based on research, guided by ethics and committed to communities. It should offer the freedom to make empowering choices, remove barriers to allow the freedom to make those choices and create the desire and expectation that the choices made will lead to positive change.



Other Courses

- First Aid (with accredited license)
- Yellow Belt
- Green Belt (Accredited)
- Black Belt (Accredited)
- Kaizen facilitation training
- MBTI Personality Test





ASSESSMENT

In addition to our training programs, we are also a center of excellence when it comes to assessment. Be it technical, behavioral or leadership assessment, we have a wide range of assessment tools for various scenarios. These tools can be used for recruitment purposes (new graduate or experienced professionals), promotions, and development.



Assessment

Assessment Detail

Personality Profile

Aptitude Test

Situational Judgment (Graduate or Manager)

English (Speaking, Writing, Reading & Listening)

Team Roles

Competency-Based Interview

Case Study

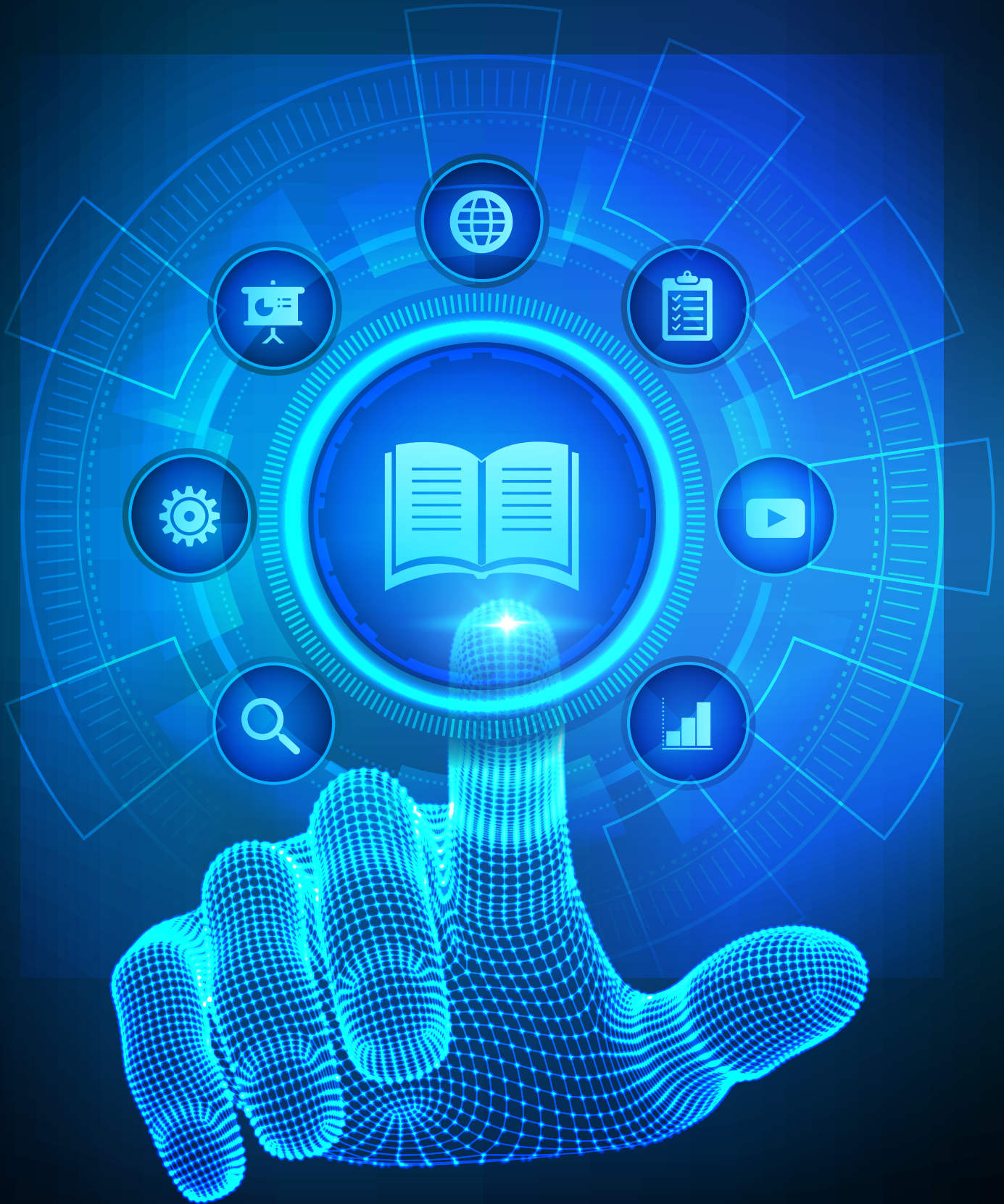
Group Discussion

Role Play

Technical Assessment (Electrical, Mechanical, Instrumentation and Welding)



LEARNING





DESIGN AND DELIVERY OF LEARNING EXPERIENCES

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THE FUTURE BEGINS TODAY

We empower trainers to be more effective and engaging in order to enhance and transform the knowledge, skills and attitudes of those they work with.

LEARNING EXPERIENCES

We create learning experiences that are rooted in the needs of our target audience and organisations aiming at improved performance on the long run.

LEARNING REINFORCEMENT

Learning does not stop at the end of a training event. We create long-term follow up systems that support the integration of learning and the application of knowledge, skills and attitudes on the job.

EVALUATION FRAMEWORKS

We measure what matters. We design practical results-based evaluation frameworks, aiming for continuous improvement.



SOHAR
ALUMINIUM
معهد صحرار
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Training Institute

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