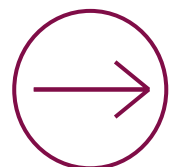


2019

Training Courses



Training courses designed to optimise your plant performance

Maximising the productivity of your equipment and systems through all lifecycle phases is essential. Our training programmes offer you the skills and knowledge you need to manage all your equipment and systems – from design, construction and installation through commissioning, operations and maintenance.

Our training

The right training is a valuable investment for you and your plant

Productivity is a top priority for your plant, and high quality training of your employees is a major factor to reaching your goal. We offer a wide variety of training courses online, on-site or at one of our facilities throughout the world. Our highly skilled specialists offer unique, hands-on training in various topics designed to improve your plant productivity, from general equipment maintenance and operations through process controls and system optimisation.

Why invest in training?

Your employees are your most important asset. And their ability to operate and maintain your equipment and systems directly impacts your bottom line. The two most important goals for all training are to generate value for the company while developing skills and knowledge for the employees.

Quality training leads to:

- Higher efficiency and productivity
- Increased plant profitability
- Lower risk of equipment breakdown due to improved troubleshooting and maintenance competencies
- Higher likelihood for your company to retain the best people, due to higher confidence, motivation, job satisfaction and morale among personnel.
- Better capability for people to adopt new technologies and methods to improve operations
- Overall improved competitive advantage for your company

Development of skills

Skills are developed through steps, and each step requires different types of training:

- New users require clear guidance and overview
- Experienced users need knowledge, explanations, general guidelines, tools and examples of when and how to deviate from the rules
- Experts require knowledge, perspectives, suggestions, cooperation and adjustable tools

Our courses and customised training programmes are designed to bring your employees effectively up through the necessary development to reach the end goal. Our training enhances skills for all user levels and helps you ensure the appropriate level of competencies among your employees.

What training do you need?

We offer practical training for all plant equipment and systems – from any manufacturer.

The more you know, the better you can do your job. Whether you are looking for a refresher course on kiln alignment, training for process control programming, or complete operations training for a newly installed system, we have the right training programme.

Our training course offerings are organised into five categories to meet all your needs: **Fundamentals, Operations, Maintenance, Process Controls and Quality Controls:**

Fundamentals

Broad based training courses and seminars on your equipment and systems. These courses are primarily for newer staff or those not normally directly involved in production. They are also an excellent overview for anyone looking to update or enhance their general knowledge.

Operations

Training courses and seminars to support your equipment or systems operations to optimise and improve productivity

Maintenance

Training courses and seminars to enhance the preventive and corrective maintenance of your equipment or systems to keep your plant running at optimum efficiency.

Process controls

Training courses and seminars focused on the programming and maintenance of your process control systems.

Quality controls

Training courses and seminars focused on the programming and maintenance of your quality control systems.

Are you still unsure of your training needs?

Conducting a thorough Training Needs Analysis (TNA) is very important and often the most neglected part of any training program.

Through a TNA, we help you break down a business challenge to see if training is necessary to resolve the problem, identify the nature of the specific training required and who needs it to be most effective.

Generally, a TNA will identify a performance gap which can be attributed to the lack of skills or knowledge required to perform a task to the required standard. Only when this performance gap is identified can the right training program be designed to address these needs.

Customised training courses

If you don't find what you need from one of our listed sessions, we are always available to create a customised course for your specific requirements. Our tailored training programmes are flexible solutions designed to address the specific challenges you are facing in your plant. We will take into account the processes and machinery in use, pinpoint the areas of development and structure each program with topics relevant to your organisation.

We know that timing and budget are important when considering any training. To accommodate your priorities, we will work with you to determine the best training format and duration to meet your needs, assuring you the highest return on your training investment.



TRAINERS SHORT PROFILE



TRAINER 1

PROCESS CONTROL & INSTRUMENTATION TRAINER

PROFESSIONAL PROFILE.

Over 34 years of experience in the field of process control & Instrumentation especially with Oil/Gas processing and power/Desalination plants as Instrument Supervisor, Engineer, Trainer(Class room & On Job) Assessor/IQA and Training Coordinator positions.

Last 16 years working as Instrumentation Instructor, OnJobTrainer /Assessor/ IQA and Training coordinator position in oil & gas processing fields and familiar with competency based training system like NVQ, SVQ and TAFE system and OPITO standards,

PROFESSIONAL EXPERIENCE

- Instrument Trainer/Assessor & IQA with TTE-Petrofac, CTTC at their BP Sangachal Terminal, Baku, Azerbaijan since 25th of October 2012 to July 2016.
- On Job Trainer/Assessor/Training Coordinator with NTI for PDO (Petroleum Development Oman) Training Project at Nimr, Muscat since June 2010 to 08th of October 2012.
- Instrumentation Instructor with Holmesglen-Australia for QGPC (Qatar general Petroleum Company) at Qatar from July 2009 to June 2010.
- Control Engineer & On Job Trainer/Assessor & Training coordinator with Safer Exploration & production oil Company (SEPOC), Yemen from March 2007 to June 2009.
- Lab Instructor/Engineer with Higher Colleges of Technology, Abudhabi (HCT) from October 2001 to March 2007.
- Senior Technician/Acting Control Supervisor with Abudhabi Oil Refining Company (TAKREER), Ruwais, Abudhabi from July 1996 to September 2001.
- Senior Instrument Supervisor with Bahrain National Gas Company (BANAGAS) at Bahrain from July 1989 to June 1996.

EDUCATION

- HN Diploma in Instrumentation from Pusa Institute, New Delhi, India
- Holding IQA Level 4 Certification from EAL, UK.
- Holding SQC (D94L) Assessor Certification from SQA, Scotland, UK. Scottish candidate number: 057097493.
- Holding L3 Teaching Qualification from CIEH/Training UK.
- Holding Teaching certificate from higher colleges Of Technology, Abu Dhabi, UAE.

JOB & SKILL PROFILE

Worked as in charge of Installation / commissioning / start-up and shutdown maintenance jobs and project jobs of process control and Instrumentation in refineries, gas processing plants, desalination / power plants

Trouble shooting and maintenance of gas turbines (GE Mark IV/V, EGT, ABB Egatrols) Omron, Allen Bradley and Triconix PLCs, Bentley Nevada vibration systems, Beckman, Applied Automation, Varian Gas Chromatographs, Oxygen & Moisture analyzers, gas detection & fire protection systems.

Familiar with Baily, Yokogawa centum XL, Foxboro DCS and field Instrumentation like Rosemount, Foxboro, Fisher, Honeywell, ABB and majority of all pneumatic and electronic Instruments.

TRAINER 2

ELECTRICAL TRAINER

PROFESSIONAL PROFILE.

- Detailed energy audit & distribution loss management for Bhaskar Industries (An integrated Textile mill) Resulting in the savings of INR 50 Million per annum
- Designing and construction of green field projects which includes, partial discharge free laboratory for testing of power transformers up to 400 KV Class: For Prime Electrical
- Complete renovation (Total replacement of windings, white metal bearings & cooling systems) of 35 years old 40 MVA MG – set of AEI UK Make.

PROFESSIONAL EXPERIENCE

- CHIEF ENGINEER – ELECTRICAL: ENVIRO CONSULTANTS & ENGINEERS, BHOPAL October 2000 TO June 2004
- SENIOR MANAGER – MAINTENANCE & PROJECTS: BHARAT HEAVY ELECTRICAL LIMITED (BHEL) – BHOPAL
- DEPUTY MANAGER – ENGINEERING : BHARAT HEAVY ELECTRICALS LIMITED , BHOPAL

EDUCATION

- B. E. Electricals from Maulana Azad National Institute of Technology (MANIT), Bhopal Madhya Pradesh
- Certified Energy Auditor from bureau of Energy Efficiency, Ministry of Power, Government of India

HONORS & AWARDS:

- Best Performance Award for Excellence in Service from BHEL – 1994 & 1996
- Permanent Faculty Member in the training School of BHEL: 1988 to 2000
- Standing Member: Product Committee for Transformers in BHEL: 1996 to 2000

JOB & SKILL PROFILE

- Worked as 400 KV transformer and Reactor designer
- Testing of transformer and shunt reactors up to 315 MVA, 400 KV power transformers and 120 MVAR, 400 KV shunt reactors
- Involved in complete electrical design and installation of Transformer division modernization plan with an investment of Rs. 600 Million.
- Erection & commissioning of 9 MVA, 0-11KV, 0-200 Hz, M.G. set in 1990
- In-charge of maintenance activities for Transformer manufacturing division from 1990 to 2000.

CLIENT

Power system and protection - 03 Days Gujarat Electricity board, India	Switchgear and protection - 03 Days Vedanta
Energy conservation - 03 Days Reliance industries	Automatic Voltage Regulator (AVR) - 03 Days Protection and Numerical relays - 03 Days Condition based Monitoring (CBM) - 03 Days Modern power system and stability - 03 Days National Hydro Power Corporation (NHPC) Days

TRAINER 3

MECHANICAL TRAINER

PROFESSIONAL PROFILE.

Energetic, result oriented and qualified Mechanical Engineer with well-developed English communication skills and proven ability to transfer knowledge & skills to Technician and fresh Engineers. Proven ability in planning and delivering competency based technical training. Carrying out assessment of skills competency and underpinning knowledge, work place assessment, gap analysis and gap closure. Acquired valuable experience to handle Maintenance and Training for a wide range of Mechanical, Rotary & Static equipments related to Oil and Gas industry. Also accept trouble shooting challenges

PROFESSIONAL EXPERIENCE

- TATWEER PETROLEUM – BAHRAIN Mechanical Trainer 2010 2015
- Qatar Gas Petroleum Company through HOLMESGLEN Mechanical Instructor 2009 2010
- Essar Energy – Mumbai Senior Field Engineer/ Trainer 2008 2009
- Occidental of Oman through SPIE. OJT-Mechanical 2007 2008
- Deir Er Zor Petroleum Company (TOTAL) JV French & Syrian Petroleum Company Mechanical Lead/Trainer 2003 2007
- Abu Dhabi Company For Onshore Oil Operations Mechanical Foremen 2000 2003
- Al Furat Petroleum Company JV Shell & Syrian Petroleum Company Senior Mechanical Tech 1997 2000
- Essar Oil Limited- Bombay Motorman/Mechanic 1987 1997

EDUCATION

- Diploma in Mechanical Engineering –1987 M.H. Saboo Siddik Polytechnic, Bombay, INDIA.
- Train the Trainer Course by IHRDC. Certificate IV in training & Assessment by Holmesglen. OPITO – Competence Assessor Award

JOB & SKILL PROFILE

As a MECHANICAL TRAINER My duties include delivering competency based technical training using Company and NVQ standard. Carrying out assessment of skills competency and underpinning knowledge, work place assessment, gap analysis and gap closure.

Technical Courses

Electrical Training

Electrical Maintenance Training
Electrical Safety Training
Electrical Fundamentals Training
Electrical Cable

Mechanical Training

Instrumentation & Process Control

Welding Technologies

Oil & Gas Technology

Health, Safety & Environment

IT - Information Technologies

WELCOME

Choosing Wohlstand India Training Solutions is only the beginning.

Next: Get training from on Wohlstand' latest innovations and improve your proficiency with our expanding training portfolio!

With Wohlstand training solutions and best practices from our expert instructors and designers, you can increase the return on your technology investment throughout the product and system lifecycle.

Wohlstand Solutions Education Services provides your organization with one-stop training Solution and end-to-end training support: from needs analysis and consultancy to course development and customization.

Let us work with your team to ensure that your organization configures, operates and maintains your products and systems to effectively and efficiently meet your specific needs.



Electrical Training



Electrical Maintenance Training

CODE	TITLE
Sm001	Substation Maintenance I
Sm002	Substation Maintenance II
Pr003	Protective Relay Maintenance, Basic
Pra004	Protective Relay Maintenance, Advanced
Ce005	Cable Splicing & Terminating, Medium-Voltage
Cf006	Cable Fault Location & Tracing, Medium-Voltage
Ct007	Cable Testing & Diagnostics, Medium-Voltage
Cb008	Circuit Breaker Maintenance, Low-Voltage
Cb009	Circuit Breaker Maintenance, Medium-Voltage
Cb010	Circuit Breaker Maintenance, Molded & Insulated Case
Cb011	Circuit Breaker Maintenance
Tm012	Transformer Maintenance and Testing
At013	Advanced Transformer Maintenance and Testing
Mc014	Motor Controls and Starters, Low-Voltage
Mb015	Microprocessor-Based Relay Testing, Generation
Mb016	Microprocessor-Based Relay Testing, Distribution/Feeder
Bm017	Battery Maintenance and Testing
Pf018	Power Factor Testing
Es019	Electrical Safety for Overhead Contact Systems
Gb020	Grounding and Bonding of Electrical Systems
Pq021	Power Quality & Harmonics
Mm022	Motor Maintenance and Testing
Pd023	Protective Device Coordination for Industry
Pd024	Protective Device Coordination for Utilities
Sc025	Short Circuit Analysis
Pr026	Protective Relay Maintenance, Generation
Pr027	Protective Relay Maintenance, Solid-State

Electrical Safety Training

CODE	TITLE
Es001	Electrical Safety for Industrial Facilities
Es002	Electrical Safety for Utilities
Es003	Electrical Safety for Inspectors
Es004	Electrical Safety for Mining
Oe005	OSHA Electrical Safety-Related Work Practices
Eg006	OSHA Generation, Transmission and Distribution
Lt007	Lock out /tag out (loto) safety procedure

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Electrical Training

Electrical Fundamentals Training

CODE	TITLE
Be001	Basic Electrical Troubleshooting
Be002	Basic Electricity
Ee003	Electronics for Electricians
Ep004	Electrical Print Reading
Et005	Electronics Troubleshooting

Electrical Cable Training

CODE	TITLE
Cs001	Cable Splicing & Terminating
Cf002	Cable Fault Location & Tracing
Ct003	Cable Testing & Diagnostics
Fo004	Fiber Optic Technician (FOA)

Other Electrical Training

CODE	TITLE
Pc001	Process Control Valves and Actuators
Ef002	Electrical Faults: Causes, Analysis, Detection & Remedies
To003	Transformer Operational Principles, Selection & Troubleshooting
Hp004	Hand & power tools usage and safety
SI005	Single Line Diagram & Troubleshooting Control Circuit
Me006	Modern Electrical Power System
Be007	Basic Electrical Theory
Et007	Electrical Training for Non Electrical Engineers
Vf007	Virtual frequency drives – VFD
Mm007	Motors Maintenance and Variable Speed Drives



CODE	TITLE	
Hd001	Heavy Duty Diesel Engine (HDD) Operation and Maintenance	New
St002	Storage Tank Design, Construction & Maintenance	New
Cc003	Centrifugal Compressor & Steam Turbine	New
Hd004	HVAC Design, Operation & Maintenance	New
Me005	Mechanical Equipment: Compressors, Pumps, Seals, Motors and Variable - Speed Drives	New
Cd006	Chiller Design, Installation, Maintenance & Troubleshooting	New
Pa007	Principles, Applications and Performance of Pumps, Compressors and Turbines	New
Po008	Pipeline Operations & Maintenance	New
He009	Heat Exchangers: Types & Application, Design, Operation & Maintenance	New
Mn010	Metallurgy for Non-Metallurgists	New
Re011	Rotating Equipment: Start-up, Operation, Maintenance & Troubleshooting	New
Cd012	Chiller Design, Installation, Maintenance & Troubleshooting	New
Pa013	Principles, Applications and Performance of Pumps, Compressors and Turbines	New
Po014	Pipeline Operations & Maintenance	New
He015	Heat Exchangers: Types & Application, Design, Operation & Maintenance	New
Md016	Mechanical Drawing Reading	
Bm017	Basic Mechanics	
LI018	Lubricants and Lubrication	
Pt019	Power Transmission Equipment	
Pb020	Principles of Bearings and Lubrication & Shaft Alignment	
Bm021	Bearings -Maintenance, Troubleshooting & Repair	
Pp022	Pumps & Pump Systems - Application, Operation & Maintenance	
Gb023	Gear Box Systems- Theory, Practice and Maintenance	
Fp024	Fluid Power Systems: Hydraulic & Electro Hydraulic Basic	
Pe025	Pneumatic & Electro Pneumatic- Maintenance & Trouble-shooting	
He026	Hydraulic & Electro Hydraulic, Maintenance & Trouble-shooting	
Va027	Vibration analysis Level 1	
Cm028	Condition Monitoring	
Rc029	Root Cause Failure Analysis	
Cb030	Compressor & Blower -Maintenance & Repair	
Ms031	Mechanical Seals -Maintenance & Repair	
Vr032	Valve Repair -Maintenance & Repair	
Dg033	Diesel Generator (DG) Maintenance & Troubleshooting	
Vm034	Valve Maintenance & Valve Pressure Testing	
Cp035	Centrifugal Pump Technology	
Vb036	V Belt & Chain Drive	
De037	Developing an Effective Safety Culture	
Sw038	Safety work Practices for Hydraulic and Pneumatic	
He039	Heat Exchangers and Maintenance	
Pp040	Predictive and Proactive Maintenance Techniques Training	



CODE	TITLE
Mm041	Maintenance of Mechanical Drives
Bt042	Boilers: Technical and Operational Workshop
SI043	Shaft / Laser Alignment Practice
Pm044	Precision Maintenance Skills
Ma045	Maintenance --A to Z of best practices
Mm046	Maintenance Management Best Practices: Systems, Tools & Techniques
Mt047	Maintenance Technology Best Practices: Inspection, Analysis & Monitoring
Mm048	Mechanical Maintenance Practices 1
Mm049	Mechanical Maintenance Practices 2
Mm050	Troubleshooting & Maintenance of Rotating Equipment
Re051	Rotating Equipment Predictive Maintenance & Alignment
Gt052	Gas Turbine / Engine Operation & Maintenance
Mt053	Mechanical Training for Non Mechanical Professional Engineer
Po054	Pipeline Operators and Supervisors for Oil & Gas pumping station

Instrumentation & Process Control

CODE	TITLE
Ie001	Control Valves Type, Selection, Function & Maintenance New
Ie002	Flow Measurement and Custody Transfer / Flow and Level Custody Measurement New
Ie003	Fiscal Metering Systems New
Ie004	Control Valves & Actuators / Valve and Actuator Technologies New
Ie005	Refinery Critical Equipment Operation for Compressors, Turbines and Pumps New
Ie006	Process Measurement, Instrumentation & Process Control New
Ie0071	Instrumentation and Controls Fundamentals for Facilities Engineers New
Ie008	Fundamentals of Industrial Measurement -- Pressure Flow Level Temperature New
Ie009	Practical Process Measurement, Instrumentation and Control
Ie010	Foundation Field bus
Ie011	Process Control & Loop Tuning
Ie012	Liquid and Gas Flow Metering
Ie013	Process Control Systems Calibrating & Tuning Techniques
Ie014	Instrumentation Diagrams & Symbols Application
Ie015	Metering Equipment, Flow Control & Regulating Devices
Ie016	Process Control and controller tuning
Ie017	Instrumentation Training for Non Instrumentation Professional Engineer
Ie018	PLC and SCADA Technologies
Ie019	Control System Automation
Ie020	DCS, PLC & SCADA Systems
Ie021	PLC Programming & Trouble shooting Advance Siemens / Allen Bradley
Ie022	Automation workshop Siemens PLC & SCADA
Ie023	Automation workshop Allen Bredely PLC & SCADA



CODE	TITLE	
Og001	Tankages - Design, Engineering, Construction, Inspection, Operations & Maintenance and Cleaning	New
Og002	ASME B 31.4 Liquid Hydrocarbon Transportation Pipeline Code.	New
Og003	ASME B 31.8 Gas Transportation Pipeline Code	New
Og004	ASME Sec VIII Div 1 Pressure Vessel Code	New
Og005	API 653 Storage Tanks Inservice Inspector Examination Preparatory	New
Og006	Applied Maintenance Management	
Og007	Health & Safety for the Oil & Gas Industry	
Og008	Introduction to Oil & Gas Production Technologies	
Og009	Fundamental of Reservoir Engineering	
Og010	Applied Reservoir Engineering	

Health, Safety & Environment

CODE	TITLE
HSE001	Basics of HSE Management
HSE002	Basics of Safety
HSE003	Basics of Health
HSE004	Basics of Environment
HSE005	Applied HSE Management
HSE006	Applied Safety
HSE007	Applied Health
HSE008	Applied Environment
HSE009	Contractor Safety Management
HSE010	Risk Based Process Safety Management
HSE011	Hazard & Operability Studies (HAZOP)
HSE012	NASP Advanced Safety & Health Diploma
HSE013	Occupational Safety and Health Administration (OSHA)
HSE014	IOSH Managing Safety
HSE015	Electrical safety for Industrial facilities
HSE016	Electrical safety for inspectors
HSE017	Electrical safety for Utilities
HSE018	Electrical safety for overhead contact systems
HSE019	OSHA Electrical safety related work practices
HSE020	OSHA Generation, transmission & Distribution
HSE021	Human and Organizational Factor Safety Management System
HSE022	Advanced Process Risk Assessment & Risk Management
HSE023	NEBOSH International General Certificate in Occupational Health & Safety
HSE024	Advanced Techniques in Safety & Fire
HSE025	Hazardous Waste Operations & Emergency Response

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PLC Training Kits
Allen Bradely & Siemens
All Major Brands



Drives Training Kits
Allen Bradely & Siemens
All Major Brands



Training Lab Setup





TO BOOK A COURSE

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TELEPHONE : +91 8369209339

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