



CompEx Certification Success Checklist

Your Complete Preparation Guide for Egypt

APPROVED TRAINING PROVIDER

☒ BEFORE TRAINING BEGINS

Pre-Course Preparation (2-3 Weeks Before)

- ☐ Review basic electrical engineering principles and terminology
- ☐ Familiarize yourself with ATEX and IECEx directive fundamentals
- ☐ Read introduction materials on explosive atmosphere classifications
- ☐ Understand Zone 0, 1, 2 (Gas) and Zone 20, 21, 22 (Dust) concepts
- ☐ Study temperature classification system (T1-T6)
- ☐ Research gas groups (IIA, IIB, IIC) and their significance
- ☐ Download and review IEC 60079 series standards overview
- ☐ Prepare questions about your specific work environment in Egypt

Documentation & Registration (1 Week Before)

- ☐ Confirm your training dates and venue location in Egypt
- ☐ Complete all enrollment forms and registration requirements
- ☐ Submit copies of educational certificates and national ID/passport
- ☐ Arrange accommodation if traveling from other Egyptian cities
- ☐ Inform your employer and arrange time off work
- ☐ Pay course fees and confirm payment receipt
- ☐ Receive pre-course materials from training provider
- ☐ Set up study schedule for pre-reading assignments

☒ EGYPT-SPECIFIC REGULATORY & INDUSTRY REQUIREMENTS

Standards & Compliance Knowledge

- ☐ Understand Egyptian General Petroleum Corporation (EGPC) safety standards
- ☐ Review international operators' requirements (BP Egypt, Eni, Shell, Apache)
- ☐ Familiarize with ENPPI (Engineering for Petroleum & Process Industries) project specifications
- ☐ Study Petrojet contractor safety and compliance requirements
- ☐ Learn about Egyptian Ministry of Petroleum safety regulations
- ☐ Understand EGAS (Egyptian Natural Gas Holding Company) standards
- ☐ Review typical Egyptian energy sector project specifications
- ☐ Know major operational areas: Mediterranean offshore, Western Desert, Gulf of Suez

Industry Context

- Research Egypt's oil & gas sector structure and major discoveries
 - Understand Mediterranean offshore operations (Zohr, Atoll, Nour fields)
 - Study Western Desert oil field operations and facilities
 - Learn about Gulf of Suez production platforms and installations
 - Familiarize with LNG operations (Idku LNG, Damietta LNG terminals)
 - Review refinery operations (Alexandria, Assiut, Cairo refineries)
 - Understand petrochemical sector (SIDPEC, MOPCO facilities)
 - Research employment landscape for certified professionals in Egypt
-

☒ EQUIPMENT FAMILIARIZATION RESOURCES

Protection Concepts & Methods

- Study Flameproof (Ex d) enclosure principles and applications
- Learn Increased Safety (Ex e) equipment characteristics
- Understand Intrinsic Safety (Ex ia/ib) system design
- Review Pressurization/Purging (Ex p) techniques
- Study Encapsulation (Ex m) method fundamentals
- Learn Oil Immersion (Ex o) protection principles
- Understand Powder Filling (Ex q) applications
- Review Type 'n' (Ex n) protection for Zone 2 areas

Practical Equipment Knowledge

- Identify common hazardous area equipment markings and certifications
 - Practice reading equipment nameplates and certificates
 - Study cable gland selection and installation procedures
 - Learn junction box inspection techniques for harsh Egyptian environments
 - Understand motor and lighting fixture selection criteria
 - Review control panel and instrumentation requirements
 - Study portable equipment and hand tools specifications
 - Practice fault-finding in hazardous area installations
-

☑ EXAMINATION TIPS & STRATEGIES

Theory Exam Preparation

- Review all training module handouts and presentations thoroughly
- Create summary notes for each major topic area
- Practice answering multiple-choice questions from sample papers
- Memorize key temperature classes and gas group classifications
- Understand area classification drawing interpretation
- Study equipment selection decision trees and flowcharts
- Review calculation methods for zone extent determination
- Take practice tests under timed conditions (simulate exam pressure)

Sample Question Topics to Master

- Area classification principles and zone definitions (Zone 0, 1, 2)
- Equipment protection types and appropriate applications
- Installation requirements and good practices in Egyptian conditions
- Inspection procedures and documentation requirements
- Maintenance activities in hazardous areas (permit-to-work systems)
- Fault analysis and troubleshooting scenarios
- Standards interpretation (IEC 60079, ATEX, IECEx)
- Certificate and documentation verification procedures

Practical Assessment Preparation

- Practice hands-on equipment inspection procedures
- Learn to identify installation defects and non-conformities
- Study proper documentation and reporting methods
- Understand safe isolation and permit-to-work procedures
- Practice using inspection tools and measurement equipment
- Review real-world case studies from Egyptian energy sector
- Prepare for scenario-based practical exercises
- Build confidence in explaining technical decisions verbally

☑ CAREER DEVELOPMENT STRATEGIES

Immediate Post-Certification Actions

- ❑ Update CV/resume with CompEx certification details and module numbers
- ❑ Add certification to LinkedIn profile and professional networks
- ❑ Register certificate with relevant Egyptian industry databases
- ❑ Inform current employer of new qualification achievement
- ❑ Request certificate verification letter from training provider
- ❑ Join CompEx professional groups and industry forums
- ❑ Network with other certified professionals in Egypt and region
- ❑ Research job opportunities requiring CompEx certification

Building Your Career Path in Egypt

- ❑ Target positions with BP Egypt, Eni, Shell, Apache Egypt
- ❑ Apply to Egyptian operators: EGPC, GASCO, EGAS divisions
- ❑ Consider EPC contractors: ENPPI, Petrojet, Consolidated Contractors
- ❑ Explore specialized roles: QA/QC Inspector, HSE Officer, Project Engineer
- ❑ Pursue additional certifications: IECEX, NEBOSH, IOSH, OSHA
- ❑ Gain experience across Egyptian energy sectors (offshore, onshore, refining)
- ❑ Develop expertise in specific protection methods (Ex d, Ex e, Ex ia)
- ❑ Plan for CompEx refresher training before certificate expiry (3 years)
- ❑ Research salary expectations in Egyptian energy sector

Regional Opportunities (Gulf & Middle East)

- ❑ Prepare Gulf-focused resume highlighting CompEx certification
- ❑ Research visa and work permit requirements for GCC countries
- ❑ Connect with regional recruitment agencies specializing in energy sector
- ❑ Understand employment contracts and compensation in Gulf markets
- ❑ Network with Egyptian professionals working in Saudi Arabia, UAE, Qatar
- ❑ Apply to major regional employers: Saudi Aramco, ADNOC, PDO, Qatar Petroleum
- ❑ Understand cultural and professional expectations in Gulf countries
- ❑ Leverage Egypt's strong reputation for technical professionals in region

Continuing Professional Development

- ❑ Schedule refresher training 6 months before expiry date
- ❑ Stay updated on latest IEC 60079 standard revisions

- ❑ Attend industry conferences and technical seminars in Egypt/region
 - ❑ Read technical journals and hazardous area publications
 - ❑ Participate in company training and knowledge-sharing sessions
 - ❑ Mentor junior engineers pursuing CompEx certification
 - ❑ Document your hazardous area project experience portfolio
 - ❑ Build case studies from Egyptian energy sector projects
-

☑ **MODULE-SPECIFIC PREPARATION**

CompEx Foundation (ExF)

- ❑ Understand basic explosion science and ignition sources
- ❑ Learn area classification fundamentals (zones vs divisions)
- ❑ Study equipment group and temperature class systems
- ❑ Review explosion protection concept overview
- ❑ Practice interpreting equipment marking codes (Ex marking)

CompEx Ex01 - Core Units

- ❑ Master detailed area classification methodology
- ❑ Study flammable gas and vapor properties relevant to Egypt
- ❑ Learn explosion risk assessment techniques
- ❑ Understand documentation requirements for hazardous areas
- ❑ Review Egypt-specific classification examples (offshore, refining)

CompEx Ex02 - Intrinsic Safety

- ❑ Study IS system design principles and calculations
- ❑ Learn entity and FISCO concepts for instrumentation
- ❑ Understand barrier and isolator applications
- ❑ Practice IS circuit analysis and verification
- ❑ Review installation and inspection procedures for IS systems

CompEx Ex03 - Installation & Maintenance

- ❑ Master installation good practices and techniques
- ❑ Learn maintenance procedures in hazardous areas
- ❑ Study permit-to-work and hot work procedures
- ❑ Understand inspection and testing requirements
- ❑ Practice fault-finding and repair protocols safely

CompEx Ex04 - Repair & Overhaul

- ☐ Study equipment refurbishment procedures
- ☐ Learn component replacement requirements and standards
- ☐ Understand re-certification processes after repair
- ☐ Review quality assurance documentation requirements
- ☐ Practice workshop repair techniques for Ex equipment

CompEx Ex05-Ex06 - Combustible Dust

- ☐ Study dust explosion characteristics and risks
- ☐ Learn dust zone classification principles (Zone 20, 21, 22)
- ☐ Understand equipment protection for dust atmospheres
- ☐ Review ignition source control in dust areas (cement, mining)
- ☐ Study housekeeping and maintenance for dust safety

☑ TRAINING DAY ESSENTIALS

What to Bring

- ☐ Valid photo identification (national ID card/passport)
- ☐ Notebook and pens for taking detailed notes
- ☐ Scientific calculator for technical calculations
- ☐ Pre-course reading materials and handouts
- ☐ Comfortable clothing suitable for practical sessions
- ☐ Safety shoes (required for hands-on practical exercises)
- ☐ Laptop/tablet for digital note-taking (optional)
- ☐ Water bottle and light snacks for breaks

Success Mindset

- ☐ Arrive 15-20 minutes early each training day
 - ☐ Actively participate in discussions and ask questions
 - ☐ Complete all practical exercises thoroughly and carefully
 - ☐ Review each day's material in the evening
 - ☐ Form study groups with fellow candidates for peer learning
 - ☐ Focus on understanding concepts, not just memorization
 - ☐ Stay confident and manage examination stress effectively
 - ☐ Sleep well and maintain proper nutrition during training week
-

☑ POST-CERTIFICATION CHECKLIST

Certificate Management

- ☐ Receive and verify your CompEx certificate details (name, modules, dates)
- ☐ Make multiple certified copies for job applications
- ☐ Store original certificate safely and securely at home
- ☐ Upload digital copy to cloud storage backup (Google Drive/Dropbox)
- ☐ Record certificate number and expiry date in calendar
- ☐ Set calendar reminder for renewal 6 months before expiry
- ☐ Obtain employer letter acknowledging certification (if employed)
- ☐ Request LinkedIn recommendation from trainer or supervisor

Applying Your Knowledge in Egypt

- ☐ Implement learnings in your current work projects
- ☐ Conduct hazardous area audits using new CompEx knowledge
- ☐ Share expertise with colleagues and team members
- ☐ Volunteer for hazardous area assignments and projects
- ☐ Document your practical experience for future reference
- ☐ Build case studies from Egyptian energy sector projects
- ☐ Contribute to company safety improvements and procedures
- ☐ Establish yourself as the go-to CompEx expert in your organization

QUICK REFERENCE: KEY FACTS

Zone Classifications

- **Zone 0:** Continuously present (>1000 hrs/year)
- **Zone 1:** Likely to occur in normal operation (10-1000 hrs/year)
- **Zone 2:** Not likely, only under abnormal conditions (<10 hrs/year)

Dust Zone Classifications

- **Zone 20:** Continuous cloud presence (cement, mining operations)
- **Zone 21:** Occasional cloud formation
- **Zone 22:** Infrequent cloud, abnormal conditions only

Temperature Classes

- **T1:** 450°C | **T2:** 300°C | **T3:** 200°C
- **T4:** 135°C | **T5:** 100°C | **T6:** 85°C

Gas Groups

- **IIA:** Propane, Acetone (most common in Egyptian operations)
- **IIB:** Ethylene (petrochemical applications)
- **IIC:** Hydrogen, Acetylene (highest risk, special precautions)

Common Egyptian Energy Applications

- **Mediterranean Offshore Platforms:** Zones 1 & 2, Group IIA, T3-T4
- **Western Desert Oil Fields:** Zones 1 & 2, Group IIA-IIB, T3-T4
- **Refineries (Alexandria, Assiut):** Zones 1 & 2, Group IIA, T3-T4
- **LNG Terminals (Idku, Damietta):** Zones 0, 1 & 2, Group IIA, Cryogenic

CompEx

KL Training Academy

EMERGENCY CONTACTS & RESOURCES

Training Support

- Training Center Hotline: +971 54 313 9696
- Technical Support Email: contact@kingismengroup.me
- Certificate Verification: +971 54 313 9696
- WhatsApp Support: +971 54 313 9696

Official Resources

- CompEx International: www.compexcertification.com
- IECEx System: www.iecex.com
- IEC Standards Store: www.iec.ch
- Egyptian Ministry of Petroleum: www.petroleum.gov.eg

Major Egyptian Energy Employers

- EGPC: www.egpc.com.eg
 - ENPPI: www.enppi.com
 - Petrojet: www.petrojet.com.eg
 - BP Egypt: www.bp.com/egypt
 - Eni Egypt: www.eni.com/egypt
-

EGYPT ENERGY SECTOR INSIGHTS

Key Operational Areas

- **Mediterranean Sea Offshore:** Zohr gas field, Atoll field, Nour field, North Alexandria
- **Western Desert:** Khalda operations, Apache Egypt fields, EGPC concessions
- **Gulf of Suez:** Traditional oil production platforms and facilities
- **Nile Delta:** Onshore gas fields and processing facilities
- **Sinai Peninsula:** Oil and gas operations in challenging terrain
- **Suez Canal Zone:** Refineries, petrochemical complexes, industrial facilities
- **Alexandria Region:** Refining operations and petrochemical production
- **Cairo/Giza:** Engineering offices, project management centers

Typical Job Roles Requiring CompEx

- Offshore Installation Technician (Mediterranean platforms)
- Electrical Engineer (Refineries & Petrochemicals)
- Instrumentation Specialist (Gas Processing)
- Maintenance Supervisor (Oil & Gas Operations)
- QA/QC Inspector (Hazardous Areas)
- HSE Officer (Energy Sector)
- Project Engineer (EPC Contractors)
- Commissioning Engineer (New Developments)
- Field Service Technician (Western Desert)
- Operations Engineer (LNG Terminals)

Understanding Egypt's Energy Landscape

- **Zohr Gas Field:** Largest Mediterranean gas discovery (850 BCM reserves) - ongoing expansion
 - **BP Egypt:** Major operator in Mediterranean and Western Desert with extensive offshore platforms
 - **Eni Egypt:** Significant presence in Mediterranean with multiple development projects
 - **Apache Egypt:** Leading onshore operator in Western Desert oil fields
 - **EGPC Subsidiaries:** Multiple operating companies across oil and gas sectors
 - **ENPPI Projects:** Major EPC contractor executing domestic and international projects
 - **Petrojet:** Leading Egyptian contractor specializing in pipeline and facility construction
 - **LNG Sector:** Idku and Damietta terminals handling gas liquefaction and export
-

REGIONAL MOBILITY: GULF OPPORTUNITIES FOR EGYPTIANS

Why Gulf Countries Value Egyptian CompEx Professionals

- Strong technical education foundation from Egyptian universities
- Arabic language proficiency facilitating communication in Gulf workplaces
- Cultural compatibility with Gulf work environments and practices
- Proven track record in oil, gas, and petrochemical industries
- Cost-effectiveness compared to Western expatriate professionals
- Established Egyptian professional communities across Gulf countries
- Adaptability to challenging operational conditions (offshore, remote, desert)

Preparing for Gulf Employment

- Research visa and work permit requirements for target Gulf country
- Understand employment contract terms, benefits, and working conditions
- Prepare required documents: passport, certificates, experience letters, CompEx certification
- Get documents attested by Egyptian Ministry of Foreign Affairs if required
- Research cost of living and accommodation in target Gulf location

- Understand tax-free salary structures and savings potential
- Connect with Egyptian communities in Gulf countries for support networks
- Learn about professional expectations and workplace culture differences
- Prepare for technical interviews and competency assessments

Major Gulf Employers Hiring Egyptian Professionals

- **Saudi Arabia:** Saudi Aramco, SABIC, Ma'aden, major EPC contractors
- **UAE:** ADNOC, ENOC, Dubai Petroleum, Sharjah facilities
- **Qatar:** Qatar Petroleum, Qatargas, RasGas, North Field developments
- **Kuwait:** Kuwait Oil Company, KNPC, petrochemical operations
- **Oman:** Petroleum Development Oman (PDO), Oman Oil, gas projects
- **Bahrain:** BAPCO, GPIC, ALBA, refining and petrochemical sector

Salary Expectations (Comparative Reference)

- **Egypt Positions:** Competitive local compensation with benefits
- **Gulf Positions:** Typically 2-4x Egyptian salaries for equivalent roles
- **Tax Benefits:** Gulf countries offer tax-free income increasing net earnings
- **Package Components:** Basic salary, housing allowance, transportation, medical, annual tickets
- **Experience Factor:** CompEx certification enhances negotiating position significantly

EGYPT-SPECIFIC CAREER INSIGHTS

Egyptian Energy Sector Growth Drivers

- **Mediterranean Gas Discoveries:** Massive reserves driving ongoing development
- **Government Energy Strategy:** Focus on self-sufficiency and becoming regional energy hub
- **Foreign Investment:** Major international operators expanding Egyptian operations
- **Infrastructure Development:** New LNG terminals, pipelines, processing facilities

- ❑ **Petrochemical Expansion:** Growth in downstream value-added industries
- ❑ **Regional Gas Agreements:** Egypt positioning as gas trading and processing center

Certification Impact on Egyptian Careers

- ❑ **PSU Employment:** Increased preference for CompEx-certified candidates in EGPC subsidiaries
- ❑ **International Operators:** Mandatory requirement for BP, Eni, Shell contractor personnel
- ❑ **EPC Contractors:** Competitive advantage for ENPPI and Petrojet project assignments
- ❑ **Career Progression:** Faster advancement to supervisory and specialist roles
- ❑ **Salary Premium:** Certified professionals command higher compensation packages
- ❑ **International Mobility:** Enhanced opportunities for regional and international assignments
- ❑ **Professional Recognition:** Industry-wide acknowledgment of safety competence and expertise

Networking and Professional Development

- ❑ Join Egyptian petroleum engineering societies and professional associations
- ❑ Attend Egypt Oil & Gas (EGYPS) conference and industry exhibitions
- ❑ Connect with alumni from major petroleum engineering programs in Egypt
- ❑ Participate in safety forums and technical workshops
- ❑ Engage with LinkedIn groups focused on Egyptian energy sector
- ❑ Build relationships with recruiters specializing in oil and gas placements
- ❑ Stay informed about upcoming projects and expansion plans in Egypt

Remember: CompEx certification opens exceptional opportunities in Egypt's rapidly expanding energy sector. The country's Mediterranean gas discoveries, Western Desert development, and petrochemical expansion create unprecedented demand for qualified hazardous area professionals.

Your investment in CompEx training will: ✓ Position you for roles with international operators (BP, Eni, Shell, Apache)

- ✓ Enhance opportunities with Egyptian companies (EGPC, ENPPI, Petrojet)
- ✓ Provide internationally recognized credentials for regional mobility
- ✓ Demonstrate commitment to safety excellence and professional development
- ✓ Open pathways to Gulf opportunities with significantly higher compensation
- ✓ Establish you as a certified expert in Egypt's growing energy infrastructure

Success Tips for Egyptian Candidates:

- Understand both offshore and onshore operational contexts
- Network actively within Egypt's energy professional community
- Stay informed about major project developments and tenders
- Consider Gulf opportunities as natural career progression path
- Maintain certification currency through timely refresher training
- Build diverse experience across different operational environments
- Document project experience for enhanced career advancement

APPROVED TRAINING PROVIDER

Your certification journey begins now - Egypt's energy future needs qualified professionals like you!

© 2026 CompEx Training Egypt | Your Success Is Our Mission