CERTIFICATION SCHEME-TOWERCRANE OPERATOR

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INTRODUCTION

ABCON SAFETY CONSULTANCY is a professionally recognized organization providing Health, Safety, Environmental (HSE), technical, and personnel certification services. The organization supports organizations and individuals across multiple regions by delivering competency-based certification services aligned with international standards and applicable regulatory requirements.

The mission of ABCON SAFETY CONSULTANCY is to enhance workplace safety and operational excellence by certifying competent professionals through structured, transparent, and impartial assessment processes in accordance with **ISO/IEC 17024:2012**.

All certification activities are carried out by qualified assessors with extensive industry experience, ensuring high standards of evaluation, practical competence verification, and compliance with applicable legal and industry best practices.

ABCON SAFETY CONSULTANCY delivers a wide range of HSE and operator competency programs, including:

1.1 Health & Safety Training

- Occupational Health & Safety Awareness
- Safety Officer / Safety Supervisor Programs
- HSE Management System Training
- Risk Assessment and Hazard Identification
- Incident Investigation and Reporting
- Permit to Work Systems
- Behaviour-Based Safety (BBS)
- Emergency Response and Evacuation

1.2 Lifting Equipment & Operator Training

- Forklift Operator
- Mobile Crane Operator
- Tower Crane Operator
- Overhead Crane Operator
- MEWP (Boom Lift and Scissor Lift)
- Telehandler Operator
- Rigging and Slinging
- Banksman / Signalman

1.3 Scaffolding & Work-at-Height

- Scaffolding Erector
- Scaffolding Inspector
- Work at Height Safety

- Fall Protection and PPE

1.4 Construction & Industrial Safety

- Confined Space Entry
- Excavation Safety
- Hot Work Safety
- Electrical Safety and LOTO
- Chemical Handling and COSHH Awareness

1.5 Environmental & Sustainability

- Environmental Awareness
- Waste Management
- Spill Prevention and Control
- Environmental Risk Assessment

1.6 Customized & Corporate Programs

- Site-specific Safety Inductions
- Client-specific Training Modules
- Competency-based Assessments
- Refresher and Re-certification Programs

2. COMPANY POLICY

ABCON SAFETY CONSULTANCY is committed to delivering reliable, safe, and customer-focused certification services through the effective implementation and continual improvement of its **ISO/IEC 17024:2012–compliant management system**.

Top management commits to:

- Timely delivery of certification services at competitive cost
- Transparent and unbiased communication
- Protection of impartiality and confidentiality
- Continuous development of personnel competence
- Compliance with applicable international, legal, and regulatory requirements

ABCON SAFETY CONSULTANCY retains full authority and responsibility for all certification decisions, including granting, maintaining, renewing, extending, reducing, suspending, or withdrawing certification.

3. COMMITMENT TO IMPARTIALITY

Top management of ABCON SAFETY CONSULTANCY ensures impartiality across all certification activities by:

- Applying policies and procedures objectively to all applicants and certified persons
- Identifying, evaluating, and managing conflicts of interest
- Ensuring certification access is not restricted by financial or operational influence
- Structuring certification activities to safeguard independence and objectivity

4. DISCIPLINARY POLICY

The Certification Scheme Committee enforces ethical conduct and disciplinary requirements. Certification may be suspended or withdrawn due to:

- Expiry of certification without renewal
- Submission of false or misleading information
- Violation of the Substance Abuse Policy
- Involvement in serious incidents during the certification period
- Non-compliance with occupational medical fitness requirements
- Breach of the Code of Ethics

5. ELIGIBILITY AND OCCUPATIONAL HEALTH EVALUATION

5.1 Eligibility Criteria

Applicants shall:

- Be at least 18 years of age
- Hold a valid occupational health card
- Possess a valid driving license (where applicable)
- Comply with the Substance Abuse Policy
- Adhere to the Code of Ethics
- Achieve a minimum score of **80%** in written/oral examinations
- Achieve a minimum score of **75%** in the practical examination

5.2 Occupational Health

Candidates are responsible for maintaining valid occupational health documentation. ABCON SAFETY CONSULTANCY verifies apparent physical and mental fitness during assessments but does not conduct medical examinations.

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6. CANDIDATE RIGHTS AND RESPONSIBILITIES

6.1 Candidate Rights

Candidates have the right to:

- Receive a certificate and identification card upon successful certification
- Request examination rescheduling with a minimum of two (2) days' notice
- Expect confidentiality of personal information unless legally required
- Be informed prior to any mandatory disclosure
- Submit complaints and appeals through official channels
- Request reasonable accommodation for special needs

6.2 Candidate Responsibilities

Candidates shall:

- Provide accurate and complete information
- Comply with certification requirements
- Report any condition affecting compliance or competence
- Maintain integrity throughout the assessment process
- Use certification claims only within the approved scope
- Avoid misuse or misrepresentation of certification
- Return certification materials upon suspension or withdrawal
- Declare any known relationship with examiners to avoid conflicts of interest

7. CERTIFICATION SCOPE

This certification scheme evaluates and certifies the competence of personnel for the **safe and effective operation of Tower Cranes**.

8. JOB AND TASK DESCRIPTION

Certified Tower Crane Operators are responsible for operating tower cranes safely and efficiently, performing all lifting and crane movements in accordance with approved procedures, site conditions, and manufacturer specifications.

9. CANDIDATE COMPETENCE

Applicants shall possess adequate knowledge, practical skills, and demonstrated competency in operating the relevant lifting equipment.

10. CANDIDATE ABILITIES

Candidates must demonstrate and maintain the physical and mental capability required to safely perform tower crane operations and meet occupational health requirements.

11. PREREQUISITES

Candidates must present valid identification documents at the time of examination.

12. CODE OF CONDUCT

12.1 Code of Ethics

Certified operators shall:

- Act without bias or discrimination
- Prioritize safety of personnel, equipment, and environment
- Report unsafe conditions and practices
- Comply with applicable safety laws, standards, and procedures
- Represent certification status and competence accurately
- Return certification credentials upon official request

12.2 Substance Abuse Policy

Operators shall not consume alcohol, illegal drugs, or substances that impair safe operation. Prescribed medications are permitted only when approved by a licensed physician and confirmed not to affect operational performance.

13. CERTIFICATION REQUIREMENTS – TOWER CRANE OPERATOR

13.1 Initial Certification and Recertification

Application Requirements

Applicants shall submit:

- Completed and signed application form
- Passport and visa copies
- Labor card and driving license (if applicable)
- Recent color photograph
- Evidence of training and relevant experience

Company-sponsored applicants shall provide an experience declaration signed by an authorized representative.

Recertification

- Candidates are notified two (2) months prior to certification expiry
- All certification requirements must be met prior to expiry
- Additional specialties may be added during recertification

13.2 Assessment Methods

Written Examination

- Core Examination: 30 MCQs (general lifting operations)
- Specialty Examination: 20 MCQs (tower crane operations)
- Minimum pass mark: **80%**

Practical Examination

- Conducted at an approved site
- Assesses pre-use inspection, operational control, safety compliance, and hazard awareness
- Minimum pass mark: **75%**

Examination Combination

- Core and specialty exams may be taken together or separately
- Practical assessment must be successfully completed as required

13.3 Examination Duration

- Written examination: 60 minutes
- Practical examination: 60 minutes per candidate
- Duration may be adjusted based on justified circumstances

13.4 Certification Decision

- Examination materials are securely collected and evaluated
- Certification decisions are made by an authorized decision-maker
- Certificates and ID cards are issued upon successful completion and compliance

13.5 Certificate and Identification Card

Certificates include:

- Candidate photograph
- Unique certification number
- Equipment category
- Issue and expiry dates

ID cards include the statement: **"This is not a driving license."**
Certified operators shall carry the original ID card during operations.

13.6 Certification Validity

- Certification validity: **One (1) year**
- All added specialties share the same expiry date

13.7 Re-Examination Policy

- Failed components may be retaken individually
- Re-examination fee: Min 50% of the original fee
- Two consecutive failures require mandatory retraining

13.8 Training Requirement

- Mandatory Re-Training required

13.9 Unsafe Acts

Immediate disqualification may result from:

- Dropping loads
- Two-blocking
- Reckless or unsafe operation
- Ignoring stop signals
- Collisions or other hazardous acts

Examiners may stop assessments for safety reasons and report incidents to relevant authorities.

13.10 Weather and Equipment Disruptions

- Wind conditions monitored using an anemometer
- Interrupted assessments may resume from the last task or require full restart
- Equipment change or test-day change requires re-assessment

13.11 Suspension and Withdrawal

- Certification may be suspended for non-compliance
- Failure to resolve issues within the specified timeframe may result in withdrawal or scope reduction
- Certification credentials shall not be used during suspension or after withdrawal