



***Certification Scheme – Forklift Operator
Document Reference: IVS/PCS/CSFL, Rev 4
Bureau Veritas International Doha – IVS Department***

- ISO/IEC 17024

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1.0 Purpose

Purpose of the scheme is to document competence and other requirements related to Forklift operator.

2.0 Scope

This Scheme covers the following.

- a) Scope of Certification
- b) Job and Task Description
- c) Required competence
- d) Abilities (when applicable).
- e) Pre-requisites (when applicable).
- f) Code of conduct (when applicable).
- g) Criteria for initial and re-certification.
- h) Assessment methods for initial and re-certification.
- i) Surveillance methods and criteria (if applicable).
- j) Criteria for suspending and withdrawing certification.
- k) Criteria for changing the scope or level of certification (if applicable).

3.0 Responsibility

3.1 **Technical Manager** is responsible for development, review and implementation of Certification scheme.

4.0 Scope of Certification

Certified Forklift Operator for Onshore Lifting activities.

Limitation: Forklift Operator will be certified to the Specific make, model and capacity to which the operator is assessed.

5.0 Job and Task Description for Certified Forklift Operator

Certified Forklift Operator would be able to successfully perform the following tasks.

- a) Perform the assessment of the area where the Forklift is to be positioned which includes ensuring the traveling path, lifting route is free from any obstacles, live electrical cable, sudden & hidden threat from other activities around, weather / wind speed and visibility.
- b) Verify the load handling parameters (position and height of load from the ground, Load center, Boom length, rated capacity of the Forklift) as per applicable load chart.
- c) Review the certification validity of the selected Lifting equipment.
- d) Perform pre-use inspection of Forklift and report any defects to the Maintenance team.
- e) Follow the hand and radio signalling.
- f) Perform the Forklift operation safely.
- g) Maintain log book for reporting defects.
- h) Reporting incidents to the Job Supervisor.
- i) Carryout Housekeeping within the confines of Forklift.

6.0 Required Competence for Certified Forklift Operator

- a) Knowledge on applicable regulations.
- b) Knowledge on site safety requirements to execute safe Lifting operation.

- c) Knowledge on basic instruments used for measurement
- d) Competent to perform basic mathematical calculations. Example: Weight calculation – Calculating volume of standard shapes, calculating volume of complex shaped loads, Density / Approximate weight of common materials.
- e) Understanding of Colour-coding system of lifting gears.
- f) Knowledge of Lifting gears (Wire rope slings, Chain slings, Webbing sling, Round slings, Shackles, Eye bolts, plate clamps, Chain blocks, Lever hoists, Jaw winches etc.,) construction, classification, Safe Working load and Coefficient of utilization or Safety factor and working temperature range, special features such as length adjustments where applicable.
- g) Knowledge of Upper Working Temperature, special care for storage- away from chemicals, ultra-violet rays of sun-light & Arc-welding-booths, etc., for the soft slings (Webbing sling, round sling etc.,)
- h) Knowledge of defects and rejection criteria of Forklift and hoisting chains.
- i) Knowledge of application and safe use of Lifting gears, Safety Harnesses, tag lines etc.,
- j) Knowledge of selection criteria for the suitable lifting gears.
- k) Knowledge of hand signals and radio communication used in lifting operation.
- l) Knowledge of working Principle, use, maintenance, pre-use inspection of Chain blocks, Lever Hoist, Jaw winches and Pulley blocks.
- m) Knowledge on different type of Forklift s and its latest technologies.
- n) Knowledge on manufacturer recommendation on maintenance and safe use of Forklifts.
- o) Knowledge of Forklift terminology, Load charts, Load center, Operating radius, Boom length, outriggers and Boom etc.,
- p) Knowledge of conducting Load-test and thorough examination of Forklifts.
- q) Knowledge on Daily Pre-checks (Visual & functional test) to be carried out prior to operating a Forklift.
- r) Knowledge on Safety features in a Forklift such as Over-load warning / limit switches, warning lights, horn / alarm, Load moment indicator etc.,
- s) Knowledge on Work site Hazards - Forklift -Route, traffic rule, parking area, weather, wind speed, visibility, etc. in lifting and traveling operation.
- t) Knowledge on probable accidents that would happen if Forklift overloaded or Forklift operated with limit switches by passed.

7.0 Abilities of Certified Forklift operators

- a) Working at height.

8.0 Pre-requisites for Certified Forklift operator

- a) Forklift operator shall be of minimum 21 years of age.
- b) Shall be experienced in Forklift operation for a minimum of 3 years.
- c) Shall be capable of reading and understanding of English language sufficient for the fulfilment of their function in a safe manner.

- d) Forklift operator shall be certified physically and medically fit, including eye sight, colour blindness, hearing and reflexes by a Qatar registered medical practitioner.
- e) Shall hold the appropriate and valid Qatari driving license.
- f) Shall hold a valid 3 days training certificate (for initial certification) and 2 days training certificate (for re-certification) which clearly identifies make, model and capacity for which the operator has undergone training along with Photo identification card issued by QP Accepted LE Personnel Training and Certification Providers (QLTP's). The validity of QLTP issued certificate shall not exceed 3 years.

9.0 Code of Conduct for Certified Forklift operator

- a) Shall adhere to safe working practices and follow site safety requirements.
- b) Responsible attitude.

10.0 Criteria for initial and re-Certification for Certified Forklift operator

- a) The applicants must complete application form and shall submit the same along with supporting documents to Bureau Veritas International Doha L.L.C.
- b) The submittals shall undergo a document review process (Stage 1) performed by Bureau Veritas International Doha L.L.C to ensure fulfilment of scheme pre-requisites.
- c) Upon successful outcome of the application process, the successful candidates need to undergo further assessments (Stage 2 &3) for the initial certification.
- d) For the recertification, Bureau Veritas International Doha L.L.C will verify authenticity and validity of the initial certification (Stage 1) in addition to process stipulated under a), b) & c) above.

11.0 Assessment Methods for Initial and re-certification for Certified Forklift operator

Initial and re-certification

- a) The Initial and re-certification comprises of 3 stage assessment that include application review, written examination and practical assessment. The candidates must pass all assessments to be certified as Forklift operator. This is applicable for the candidates / applicants who approach BVIL with the work performed by other CB for completing the certification as well.

Stage 1 – Application review

Note: For the re-certification, the applicant shall submit the existing certificate for the verification of validity and authenticity. Submission of application is not required.

Stage 2 - Written Examination

- a) Written examination has a mix of True or false, multiple choice and descriptive questions
- b) Shall be written with indelible Ink Pen
- c) It is a closed book exam.
- d) Passing percentage 60%. (1 retake is permitted within 1 month from the date of exam)
- e) Duration of written examination will be maximum 1 Hour.

Stage 3 - Practical Assessment

Practical assessment will involve the following;

- a) Practical demonstration of fulfilling competence requirements as defined under section 6.0 - Required competence of the Certification Scheme.
- b) Practical demonstration will be conducted on client site.
- c) Passing percentage 70%.
- d) Duration of practical assessment will be maximum 2 Hours.

Validity of the Certificates

- a) Validity of the certificates for the initial and re-certification will be Three (3) Years.

12.0 Surveillance methods and criteria for Certified Forklift operator

- a) The Certified Forklift operator shall maintain a log for his day to day Lifting activities. To remain certified, Forklift Operator must have successfully completed at least Five (5) Lifting activities per month and the same shall be submitted to Bureau Veritas International Doha L.L.C office every 12 months from the date of certification for review and records.

13.0 Criteria for suspending and withdrawing certification for Certified Forklift operators

Bureau Veritas International Doha L.L.C shall suspend the certification of certified Forklift operator in following circumstances.

- a) Failure to provide the log of Minimum number of lifting activities performed by the certified Forklift operator per year.
- b) Any serious and valid complaints that can lead to safety incidents received from the clients or Employer of certified Forklift operator.
- c) Misuse of Bureau Veritas International Doha L.L.C logo.

Bureau Veritas International Doha L.L.C shall withdraw the certification of certified Forklift operator in following circumstances

- a) Any serious and valid complaints that can lead to safety accidents received from the clients or Employer of certified Forklift operator.
- b) Failure to take timely corrective action on reported safety incidents that led to suspension of Certification.
- c) Any misrepresentation or falsification of documents submitted to Bureau Veritas International Doha L.L.C with the intention to obtain certification / ongoing maintenance / re-certification.
- d) Failure to maintain compliance with pre- requisites.

14.0 Criteria for changing the scope or level of certification

Change in scope or level of certification may happen under following circumstances.

Upgrading to operate higher capacity.

- a) If the Certified Forklift operator seeks to upgrade his certificate to operate higher capacity Forklift, Operator will have to pass the assessment as per the section 8.0 & 11-Stage 3 to get certified.

15.0 References

QP-PAI-STD-005 Rev.00

Document validation and history

Validation

	Prepared	Reviewed	Approved
Name	Anil V John	Abraham Vedhamuthu	Hossam Refaey
Function	IVS Technical Manager	IVS BL Manager	Country Chief Executive
Date	July 01, 2020	July 01, 2020	July 01, 2020
Signature			

History

Revision	Date	Pages changed	Comments	Proposal	Verification	Approval
4	July 01, 2021	Page 4, Para 15	QP regulation reference has been changed	IVS Technical Manager	IVS BL Manager	Country Chief Executive
3	July 01, 2020	Page 3, Para 11	Clarified the criteria when the applicant approaches with the work performed by other CB	IVS Technical Manager	IVS BL Manager	Country Chief Executive
2	December 01, 2018	Page 1, para 4.0, scope of certification – Added “Onshore Locations only)	Revised for making the scope of certification clear for all	IVS Technical Manager	IVS BL Manager	Country Chief Executive
1	October 03, 2018	Page 3, Para 11.0, Stage 2, Page 3	Included True or false, Describing type questions in addition to the multiple choice questions	IVS Technical Manager	IVS BL Manager	Country Chief Executive
0	July 05, 2018	Not Applicable	Initial preparation	IVS Technical Manager	IVS BL Manager	Country Chief Executive