

	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; II</b>			Page 1 of 19



## **CERTIFICATION SCHEME FOR** **RIGGER I & II**

(As per BS EN ISO/IEC 17024:2012 & PHSD)

	Name	Designation	Date	Signature
Prepared By	Eng. Sohan Shivappa	Certification Manager	01.Aug.2021	
Approved By	Mr. Mohamed Basheer	Managing Director	01.Aug.2021	

### Revision History: -

Rev.	Date	Nature of Changes	Approved By
00	01-Aug-2021	Initial Issue	Managing Director





# Certification Scheme Emirates Safety Services LLC

Document No. ESS-CS-06

Revision No. 0

Date 01-08-2021

Certification Scheme for Rigger I & II

Page 2 of 19

## TABLE OF CONTENTS

Section	Title	Page No.
1	Introduction	3
2	Company Policy	3
3	Commitment to Impartiality	4
4	Disciplinary Policy	5
5	Eligibility and Occupational Health Evaluation	5
6	Candidates Rights and Duties	6
7	Certification Scope	8
8	Job and Task Description	8
9	Candidates Required Competence	8
10	Candidates Abilities	8
11	Pre-requisites	8
12	Code of Conduct	8
13	Certification Requirements of Rigger	10
13 A	Criteria for Initial Certification & Recertification Process	10
13 B	Assessment Methods for Initial Certification & Recertification	11
13 C	Time Examination and Order	14
13 D	Decision Making Process	15
13 E	Issuance of Certificate & ID Card	15
13 F	Certification Time Frame	16
13 G	Re-set Examination for Initial Examination and Re-examination	16
13 H	Training Requirements	17
13 I	Unsafe Act	17
13 J	Weather Conditions and Equipment Problems	18
13 K	Suspending and Withdrawing of Certification	18



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 3 of 19

## 1. INTRODUCTION:

Emirate Safety Services was established in Abu Dhabi in 1979 Inspection & supplying lifting equipment to the oil sector. ESS operations are carried out in S02, Jebel Ali Industrial Area, Jebel Ali, Dubai, UAE.

Our Inspection Division is Accredited by Emirates International Accreditation Centre (EIAC) to ISO 17020:2012 and approved by the EIAC. Our Fire Division is an approved Service Center for Marine Fire and Safety equipment by: Dubai Civil Defense.

## SKILLS TRAINING

Skills training for Lifting equipment operators from Cranes to Forklifts.

Basic / Advanced Rigger Training takes the trainee through all aspects of Rigging & Slings.

Machine Operator Training for Mobile / Crawler / Overhead / Tower Crane Operators and Forklift Operators.

## 2. COMPANY POLICY

Emirates Safety Services LLC aims to provide service satisfaction and safety for its customers through implementation and continual improvement of its quality system that is established to comply with ISO 17024:2012 requirements.

The top management is committed to continuous enhancement of leadership and professionalism inside out of its business sphere by means of:

- ❖ Timely delivery of quality product at the right price
- ❖ Impartial and regular communication internally and externally



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 4 of 19

- ❖ Ensure Impartiality & Confidentiality of ESS activities are assured at the organizational & at personal level.
- ❖ Proper training of its personnel in order to exceed customers' expectation
- ❖ Adhering to the legal, International and Local Regulations.

Emirates Safety Services LLC is responsible for, retains the authority for and not delegates its decisions relating to certification, including granting, maintaining, recertifying, expanding and reducing the scope of the certification, and suspending or withdrawing the certification.

### **3. COMMITMENT TO IMPARTIALITY**

Emirates Safety Services LLC Top Management is committed to impartiality in its certification activities. The top management of Emirates Safety Services LLC understands the importance of impartiality in carrying out its certification activities, manages conflict of interest and ensures the objectivity of its certification activities.

Emirates Safety Services LLC has documented a procedure for managing impartiality and conflict of interests.

Emirates Safety Services LLC acts impartially in relation to its applicants, candidates and certified persons. Its policies and procedures are fair among all.

Emirates Safety Services LLC is not restricted on the grounds of undue financial or other limiting conditions and it does not use procedures to unfairly impede or inhibit access by applicants and candidates.





	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 5 of 19

Emirates Safety Services LLC structured and managed its certification activities so as to safeguard impartiality.

#### **4. DISCIPLINARY POLICY**

Emirates Safety Services LLC certification scheme committee has established and implemented standards and codes of conduct, such as ethical standards and policies and procedures for disciplinary action, Grounds for revocation of certification include, but not limited to, the following:

- Period of certification exceeded without renewal
- Evidence of falsification of any information on any documents submitted to the department or its agent
- Evidence of non-compliance with Substance Abuse Policy
- Evidence of culpability in an accident during certification period
- Evidence of non-compliance with medical requirements required for the Occupational Health Card issuance
- Evidence of non-compliance with the Code of Ethics

#### **5. ELIGIBILITY, OCCUPATIONAL HEALTH EVALUATION**

##### **5 A. ELIGIBILITY**

To be eligible for certification, candidates must:

- Be at least 18 years of age
- Have valid occupational health card issued by relevant department.
- Have valid driving license from the relevant authority
- Comply with LEOTF Substance Abuse Policy
- Comply with LEOTF Code of Ethics.
- Pass Written/Oral Examination (Core Exam and at least one Specialty Exam) with score not less than 80%
- Pass Practical Examination with score not less than 75%



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 6 of 19

## **5 B. OCCUPATIONAL HEALTH EVALUATION**

It's the candidates responsibility to continue to meet occupational health card requirements throughout their certification period, Emirates Safety Services LLC do not conduct health and physical evaluation for the candidates.

Emirates Safety Services LLC will make sure during the examination that the candidate is physically and mentally capable to perform his works safely.

## **6. CANDIDATE RIGHTS AND DUTIES**

### **6 A. CANDIDATE RIGHTS**

- a. All candidates will receive certification and ID cards upon certification.
- b. The candidate has the right to reschedule the examination by informing Emirates Safety Services LLC two days prior the examination time.
- c. All information received from the applicants, candidates or certified persons and information obtained during the certification process is not disclosed to an unauthorized party without the written consent of the individual (applicant, candidate or certified person), except where the law requires such information to be disclosed.
- d. When Emirates Safety Services LLC is required by law to release confidential information, the applicant, candidate or certified person will be notified as to what information will be provided.
- e. All applicants, candidates or certified persons can raise a complaint in case of any dissatisfaction by sending email to Four International provided email address including all details of his complaints.



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 7 of 19

- f. All applicants, candidates or certified persons can raise an appeal against the certification decisions by sending email to Four International provided email address including all details of his appeal.
- g. For an applicant with special needs has opportunity to declare, within reason, a request for accommodation.

## **6 B. CANDIDATE DUTIES**

- a. All candidates must provide true and valid information and details in the application form as they will be used to assess his competency for granting the certification.
- b. All candidates must comply with the relevant provision of the certification requirements and to supply any information needed for assessment
- c. To inform the certification body, without delay, of matters that can affect my capability to fulfil the certification requirements.
- d. All candidates must comply with the examination policy in maintaining the integrity and security of the examination process and not to release confidential examination materials or participate in fraudulent test-taking practices.
- e. All candidates can make claims regarding certification only with respect to the scope for which the certification has been granted.
- f. Candidates must not use the certification in such a manner as to bring Emirates Safety Services LLC into disrepute, and not to make any statement regarding the certification which the certification body considers misleading or unauthorized.
- g. All candidates must discontinue the use of all claims to certification that contain any reference to the certification body or certification upon suspension or withdrawal of certification, and to return any certificates issued by the certification body.



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 8 of 19

h. Candidate have to notify Emirates Safety Services LLC if the examiner is known to him during the examination process to prevent any conflict of interest.

## **7. CERTIFICATION SCOPE**

The riggers certification program has been developed to include all process and requirements needed to evaluate knowledge and skills for individuals who are seeking certification for riggers.

## **8. JOB AND TASK DESCRIPTION**

This is for personnel who is responsible for attaching and detaching the load to and from the crane hook block, and for correct selection and use of lifting accessories and responsible for correctly directing the crane driver to ensure safe movement of the crane and load.

## **9. CANDIDATES REQUIRED COMPETENCE**

Emirates Safety Services LLC certification exams are designed for riggers who have been trained to handle and move loads safely.

## **10. CANDIDATES ABILITIES**

All candidates who are seeking the certification should make sure that they are physically and mentally capable to perform their duties and to operate the crane safely and must continue to meet occupational health card requirements throughout their certification period.

## **11. PREREQUISITES**





	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 9 of 19

All candidates have to bring their ID to the examination.

## **12. CODE OF CONDUCT**

### **12 A. CODE OF ETHICS FOR CERTIFIED CRANE OPERATOR**

Certified crane operator must comply with Code of Ethics during his certification, set as below:

- a) Free of bias with regard to religion, ethnicity, gender, age, national origin and disability.
- b) To place the safety and welfare of workers associated with the lifting operation above all other consideration.
- c) To protect nearby general public property and the environment.
- d) Make management aware if he has safety concerns relating to the lifting operations that he is performing.
- e) Not knowingly violate safety-related regulations, warnings, or instructions set forth by the authority, recognized safety standards, the lifting equipment manufacturer, or relevant department.
- f) Not misrepresent or knowingly deceive others concerning the experience or the capabilities of himself or the crane he is operating.
- g) Not misrepresent or misuse his certification card, both of which are the property; and understand that he must return the card to the issuing authority immediately if required to do so.

### **12 B. SUBSTANCE ABUSE POLICY**

It is the policy of the department that crane operators shall not use prescribed or over the counter substances that would impair their ability to operate cranes safely. This includes illegal drugs, controlled substances (including trace amounts), look-alike drugs, designer drugs, or any other substance that may have an effect on the human body of being a narcotic, depressant, stimulant, or hallucinogen.





	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 10 of 19

An exception to this rule is that a rigger may use such a substance or drug if it is prescribed by a licensed medical practitioner who is familiar with the riggers' medical history and all assigned duties, and who has advised the rigger the prescribed substance will not adversely affect the operator's ability to perform the rigging activities safely.

It is the responsibility of the certifying organization to have the candidate understands the Code of Ethics and the Substance Abuse Policy.

### **13. CERTIFICATION REQUIREMENTS OF RIGGER**

#### **13 A. CRITERIA FOR INITIAL CERTIFICATION AND RECERTIFICATION PROCESS**

##### **13 A1: Submission of Application**

- ❖ The candidate must complete and sign the application form which will be sent to him after receiving his inquiry of initial certification or recertification.
- ❖ The candidate is required to submit the application form attached with the following:
  - ✓ *Passport copy*
  - ✓ *Valid residence visa copy*
  - ✓ *Labor card copy*
  - ✓ *Colored photograph (not older than six months)*
  - ✓ *Proof of training (if relevant), copy of your previous certificate*
  - ✓ *Evidence of working experience*
- ❖ If the inquiry received from a company which is seeking Emirates Safety Services LLC certification service for its employees, declaration of work experience form will be sent along with the application form to



	<b>Certification Scheme</b> <b>Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 11 of 19

be filled and signed by an authorized personnel in the company to declare the experience of the applicants. This form will be used as evidence of working experience of applicants.

### **13 A2: Recertification Process**

- ❖ Emirates Safety Services LLC will remind the certified personnel of his certification expiration 2 months prior to the expiration date.
- ❖ If the personnel wants to re-certify , application form will be sent to him to be filled and submit it back.
- ❖ All candidates must complete all recertification requirements prior to the certification's expiration date. This includes:
  - ✓ Passing the recertification written and practical examination
  - ✓ Continuing to meet Occupational Health Card requirements
  - ✓ Compliance with Substance Abuse policy
  - ✓ Compliance with the Code of Ethics
- ❖ Recertification Written/Oral and practical examinations must be taken up to one month prior to the certification's expiration date.
- ❖ Candidates who are not certified in all specialties may add a new specialty at the same time as they take their Recertification Examination and he must fill an application form to specify the required specialty.

### **13 B. ASSESSMENT METHODS FOR INITIAL CERTIFICATION AND RECERTIFICATION**

- ❖ The Rigger assessment methods will consist of two stages:
  1. Written Examination
  2. Practical Examination



	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 12 of 19

- ❖ All candidates must register and take both examinations.
- ❖ Candidate must pass both examinations, Written and Practical, and comply with all requirements to be certified.
- ❖

### **13 B1: Written Examination**

Consists of Rigger Level I and Rigger Level II Examination

- ❖ Rigger Level I Examination.
  - ✓ It tests the areas relating to rigging such as the scope of the rigging activity, identifying rigging components, technical knowledge, inspection and execution of rigging activities.
  - ✓ It consists of 30 multiple choice question.
- ❖ Rigger Level II Examination
  - ✓ It tests the areas relating to rigging such as the scope of rigging activity, planning the rigging activity, selection of rigging components, inspection and execution of rigging activities.
  - ✓ It consists of 40 multiple choice question
- ❖ Written examination will be conducted at the client premises, as feasible.
- ❖ If the client does not have adequate premises to conduct the examination, Emirates Safety services LLC will arrange for it at its premises.
- ❖ Minimum passing score is 80%.

### **13 B2: Practical Examination**

#### **Rigger Level I**

- ❖ The practical examination demonstrates a candidate's basic rigging competency that they can perform simple, repetitive rigging tasks when the load weight, center of gravity, the rigging, and rigging



	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 13 of 19

configuration are provided or known by the rigger through experience or on-the-job training prior to the rigging activities.

- ❖ Level I rigger should be able to demonstrate or have knowledge of how to:
  - ✓ Inspect rigging before use
  - ✓ Identify and attach rigging with basic knowledge of hitch configurations, capacities, and basic knots
  - ✓ Recognize associated hazards
  - ✓ Signal Operations
  - ✓ Use various types of rigging equipment and basic hitches and their applications
- ❖ Rigger level I practical examination consists of four tasks
  - ✓ Pre-use rigging inspection
  - ✓ Rigging hitches
  - ✓ Rigging connections
  - ✓ Basic knots

## **Rigger Level II**

- ❖ The practical examination demonstrates a candidate's competency in rigging a load for a level lift and for rotating a load in addition to knowing and demonstrating rigger level I knowledge and skilled. They can select rigging components and procedures based on rigging capacity, Unsupervised.
- ❖ Level II Rigger should be able to:
  - ✓ Estimate load weight and center of gravity
  - ✓ Identify lift points
  - ✓ Determine and select rigging based on loading
  - ✓ Perform pre-use inspection of rigging and lift points
  - ✓ Understand periodic inspection criteria





	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 14 of 19

- ✓ Identify and attach rigging with knowledge of hitch configurations and load angle factors, rigging capacities and load integrity
- ✓ Understand load dynamics and associated hazards
- ✓ Have a working knowledge of hoisting equipment, winches, jacks, industrial rollers and similar equipment if applicable.
- ❖ Rigger level II practical examination consists of Two tasks
  - ✓ Level lift
  - ✓ Rigging frame rotation
- ❖ Practical examination will be conducted at the client site which is oral and practical.
- ❖ The examiner's task is primarily to record the performance of the candidates.
- ❖ Scoring criteria will be set by the examiner.
- ❖ Minimum passing score is 75%.

### **13 B3 : Combining certification requirements**

- ❖ Written/Oral
  - ✓ Rigger Level I exam maybe administered separately if the candidate would like to be certified only for level I.
  - ✓ Rigger level I and rigger level II exams maybe administered separately or combined if the candidate would like to be certified for both levels.
- ❖ Practical
  - ✓ Once a practical examination starts for any certification area, it shall be finished prior starting other practical examination in other areas.
  - ✓ Examiners are not allowed to combine the performance requirement of different levels in one level.





	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 15 of 19

### 13 C. TIME EXAMINATION AND ORDER

- ❖ Candidates may take their written and practical examination in any order.
- ❖ In the normal cases, the examination time will be as following:
  - ✓ Written Examination: 1 hour
  - ✓ Practical Examination: No time limit for Rigger level I examination and 45 min/ candidate for rigger level II.
- ❖ In other cases, Time examination maybe extended by the examiner based on other variables and/or language barriers.

### 13 D. DECISION MAKING PROCESS

- ❖ After examination is done, the examiner will collect examination sheets, put them in a file, seal it and take them for scoring.
- ❖ The scoring will be done as the criteria set by the certification department at Emirates Safety Services LLC, the minimum passing score for written examination is 80% and for practical is 75%.
- ❖ All candidates must pass both examination, written and practical.
- ❖ The scoring results will be passed to the decision maker who will make his decision based on the examination score, complying with all requirements, and completion of the certification fees.
- ❖ If all requirements are met, the candidate will be deemed as competent. A certificate and ID card will be issued.

### 13 E. ISSUANCE OF CERTIFICATE AND ID CARD

- ❖ Competency certificate will be issued by Emirates Safety Services LLC, signed by the authorized signatory.
- ❖ ID card will be issued by Emirates Safety Services LLC for each certified person.



	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 16 of 19

- ❖ Certificate will include at least, but not limited to the photo of the certified personnel, unique identification number for tracking, Category of equipment that the individual is certified to operate, issue date, expiry date and validity in addition to other contents as required by ISO 17024 standard.
- ❖ ID card will not replace the driving license and all ID Cards will include the sentence **“This is not a driving license”**.
- ❖ All certified personnel should keep their original card with them all the time for review and checking from the relevant authorities during inspection.

### **13 F. CERTIFICATION TIMEFRAME**

- ❖ All Certificates and certification ID cards will be valid for 1 year.
- ❖ If a certified operator subsequently becomes certified in additional Specialties by taking the appropriate written and practical specialty exams, the one-year certification period for the additional Specialties begins at the same time as he was originally certified.
- ❖ All specialties expire on the same date, regardless of when in the one-year certification period the candidate passed them.

### **13 G. RE-SET EXAMINATION FOR INITIAL EXAMINATION AND RE-EXAMINATION**

Normally, the candidate must pass both written and practical examination to be competent but if:

- ❖ If the candidate has passed the written examination and he failed in the practical or vice versa then, re-set examination will be conducted.
- ❖ The re-set examination will be scheduled with Emirates Safety Services LLC Certification department.



	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 17 of 19

- ❖ The fee of the re-set examination will be 50% of the original certification fee.
- ❖ If the candidate fails in either one or both written or practical exam twice (Two times in roll) will not take any further assessment until he undertakes a relevant training.

### **13 H. TRAINING REQUIREMENT**

Candidates who fail in either one or both written or practical exam twice (Two times in roll) will not take any further assessment until they undertake a relevant training. The training must be as following:

**For rigger level I: 1 days, 5-7 hrs.**

**For rigger level II: 1 day, 5-7 hrs**

### **13 I. UNSAFE ACT**

- ❖ If at any time during the pre-Test period or during the test, candidates commit an unsafe act, examiners must disqualify candidates from continuing with the test if any of the unsafe acts present include but are not limited to the following:
  - ✓ Incorrect performance and unclear hand signals while moving a suspended loads.
  - ✓ Not conducting pre-inspection of lifting tackles before using them in service.
  - ✓ Uncontrolled or reckless operation
  - ✓ Failure to respond to a stop signal.
  - ✓ Failure to ensure that the crane boom is positioned above the load center of gravity.
  - ✓ Contracting an obstruction with the crane boom or load by using the wrong hand signal



	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; II</b>			Page 18 of 19

- ❖ Any action that could endanger personnel or equipment at the test site. The examiner has the authority to stop the test at any time for reasons of safety. Examiners are responsible for informing Public Health and Safety Department in that case by either emails, letter or fax, records will be kept.
- ❖ If the candidate is disqualified due to an unsafe act, the case will be reviewed by the relevant authority, and candidate will be notified with the department decision of the eligibility for rescheduling the practical exam or otherwise.

### **13 J. WEATHER CONDITIONS AND EQUIPMENT PROBLEMS**

- ❖ The examiner must use an anemometer to check the wind speed and then will record the weather conditions on the examination sheet.
- ❖ The examiner has the responsibility to determine if the weather conditions or equipment problems are such that a test needs to be suspended.
- ❖ If the test is interrupted due to weather conditions or equipment problems, the procedures for restarting is as follows:
  - ✓ Candidate will resume the test at the beginning of the task he was performing at the time of interruption.
  - ✓ If candidate resume the test on a different machine, he may start the entire test over from the beginning.
  - ✓ If the testing is delayed to a different day, the test will be restarted from the beginning.

### **13 K. SUSPENDING AND WITHDRAWING OF CERTIFICATION**

- ❖ Emirates Safety Services LLC has a documented procedure for suspension or withdrawal of the certification, or reduction of the scope of certification.





	<b>Certification Scheme Emirates Safety Services LLC</b>	Document No.	ESS-CS-06
		Revision No.	0
		Date	01-08-2021
<b>Certification Scheme for Rigger I &amp; li</b>			Page 19 of 19

- ❖ Failure to resolve the issues that have resulted in the suspension, in a time established by Emirates Safety Services LLC, shall result in withdrawal of the certification or reduction of the scope of the certification.
- ❖ Emirates Safety Services LLC shall have enforceable arrangements with the certified person to ensure that, in the event of suspension of certification, the certified person refrains from further promotion of the certification while it is suspended.
- ❖ Emirates Safety Services LLC shall have enforceable arrangements with the certified person to ensure that, in the event of withdrawal of certification, the certified person refrains from use of all references to a certified status.

