



NEW for 2022!

The new certification is upgraded to API 2D-2 (2020) + ISO 23814 (2009)



**TUV / IICS 4.1
CERTIFIED OFFSHORE CRANE INSPECTOR
&
API RP 2D-2 & ISO 23814**

WHAT'S UNIQUE ABOUT THIS COURSE?

This program has three interrelated purposes:

- **Firstly**, to introduce students to the **safe operating environment and inspection procedures** of Offshore Class Cranes
- **Secondly**, to develop **practical crane inspection skills** with an actual crane,
- And **finally**, to assess each student's **abilities** through an evaluation process.

Instruction will include **lectures, discussions, videos, Power-Point presentations and practical lessons by using an actual lattice crane.**

Participants can now pursue **TUV / IICS 4.1 Certified Offshore Crane Inspector** certifications, from 2 international recognized certification bodies.



COURSE OBJECTIVES

At the end of the course, delegates will:

- ✓ Become a "competent personnel" to inspect offshore cranes and associated lifting equipment.
- ✓ Be able to understand the relevant standards.
- ✓ Become confident in carrying out more challenging inspection tasks.

COURSE OUTLINE

DAY 1

- IICS/ TUV Nord final assessment and certification
 - * Examination structure
 - * How to prepare myself for the examination
- Introduction into Off-shore pedestal Cranes and other Lifting Equipment
- The Law, Rules and Regulations, applicable standards and codes
- "Competent Crane Personnel", as described in Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- "The Crane Inspector"
 - * Responsibility
 - * Training and qualification
- Equipment and tools needed by the crane inspector
- Safe working practices, OSHA
- **API Spec 2C** " Offshore Pedestal-mounted Cranes"
 - * Crane part, Terms and Definitions
 - * Documentation
 - * Basic design and structural criteria, other requirements
 - * Crane Ratings
 - * Manufacturing requirements
 - * Design validation
 - * Duty cycles

DAY 2

- **API RP 2D** "Operation and Maintenance of Offshore Cranes"
 - * Additional Terms and Definitions
 - * Basics of Crane operation
 - * Inspection & Testing requirements
 - * Maintenance, repair & replacement
 - * Wire Ropes
 - * Slings
- API Specification 9A "Specification for Wire Rope"
 - * Requirements towards to wire ropes
 - * Inspection and Testing of wire ropes
- ASME B30.9 "Slings"
 - * Definitions, Terminologies
 - * Chain slings
 - * Wire rope slings



WHO SHOULD ATTEND?

- QA/QC and Maintenance Personnel from Oil & Gas Companies
- Government Agencies who inspect offshore cranes
- Third Party Inspection (TPI) companies
- Companies who wish for competent staff

COURSE DURATION

- 5 Days Training + 1 day Exam

DAILY SCHEDULE

- 8:30am - 5:30pm

* Synthetic webbing slings

DAY 3

- Site visit & practical (morning session)
- ASME B30.10 "Hooks"
 - * Definitions, Terminologies
 - * Hook types, components
 - * Inspection
 - * Removal & Repair
- Report preparation

DAY 4

- Site visit & practical (morning session)
- Other related ASME standards
- ASME B30.4 "Portal and Pedestal Cranes"
- ASME B30.26 "Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings
- Owner specific Requirements
- Other International Requirements
- Lifting Operations and Lifting Equipment Regulations (LOLER); Approved Code of Practice and Guidance, L 113 (2018); Technical guidance on the safe use of lifting equipment offshore (2007)
- BS 7121 "Code of practice for the safe use of cranes" Part 2-1 "Inspection, Maintenance and through examination"
- EN 13385 "Steel wire ropes. Safety"
- EN 13889 "Forged steel shackles for general lifting purposes"
- EN 13414 "Steel wire rope slings" - Part 1: "Slings for general lifting service"
- ISO 4309 "Cranes - Wire ropes - Care and maintenance, inspection and discard"

DAY 5

- Inspection of other related lifting devices and equipment
- Offshore Cranes in accordance with European Regulations EN 13852-1 "Cranes - Offshore cranes - Part 1: General-purpose offshore cranes" and related European standards
- Introduction into repair of structural crane parts by welding (AWS D1.1)
- Non-destructive Testing in the crane inspection field (NDT)
- Question and answer session
- Revision

DAY 6 (ONLINE EXAM)



ITEMS TO BRING

- Code Books - latest addition (Hardcopy or Softcopy)
 - API Spec 2C
 - API Spec 2D
 - API Spec 9A
 - ASME B30.4
 - ASME B30.9
 - ASME B30.10
- Calculator
- PPE for the practical days (Coverall, Safety Boots, Helmet, Safety Glasses, Gloves, Earplugs)
- Lots of Questions
- A "CAN-DO" Attitude

Stationeries such as pen and highlighter will be provided.



STEEL WIRE ROPE NDT & LUBRICATION • INSPECTION • TRAINING • PROCUREMENT



IDC Training House



REGISTRATION FORM

TUV / IICS 4.1 CERTIFIED OFFSHORE CRANE INSPECTOR & API RP 2D-2 & ISO 23914 OFFSHORE CRANE INSPECTOR CERTIFICATION PROGRAM

LAST UPDATED 01-10-2022

DATE: 05 – 10 DEC 2022
TIME: 8:30AM—5:30PM

VENUE: Regus Building, Old Michelin Compound, Plot 129 – 132, Trans-Amadi Industrial Layout, Port Harcourt, Nigeria.

Please tick where applicable []

COURSE FEE (PER PAX) [<input type="checkbox"/>]
RM 7,800 / USD 1,950 / NGN 1,462,500

- Prices include meals and course materials
- Photocopy this form to register multiple delegates
- Course fee is subjected to 7.5% Value Added Tax (VAT) according to Nigerian Government law

IICS 4.1 EXAM SCHEDULE (Included in Course Fees)	EXAM WINDOW [<input type="checkbox"/>] 10 Dec 2022	DEADLINE TO STAKE TECH 25 Nov 2022
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T & C for Registration (Training & Exam)

1. NGN course fee is applicable to all Nigerian participant or locally registered company.
2. USD course fee is applicable to any non-Nigerian and non-Nigeria registered company.
3. Stake will determine if the candidate is eligible for NGN or USD course fee based on the invoice (company-sponsored) / participant (self-sponsored) details.
4. For any USD fee paid in NGN, (training and / or API exam), the conversion rate is set at USD 1 = NGN 750 to factor in cross-country bank charges.

PARTICIPANT DETAILS

[] Self Sponsored

[] Sponsored by Company

Full Name (as per IC/Passport): _____	Salutation: _____
IC / Passport: _____	Job Title: _____
Email: _____	Mobile No.: _____

INVOICE DETAILS (If self-paying, kindly provide us your postal address)

Organization Name: _____	Attention Invoice to (HR/Training Dept.): _____
Mailing Address (Compulsory): _____	Salutation: _____
_____	Direct Line: _____
_____	Fax : _____
Postcode: _____	Email : _____

FINANCE DEPARTMENT CONTACT DETAILS

Name : _____	Job Title: _____
Email : _____	Direct Line: _____

AUTHORIZATION

Signatory must be authorized to sign on behalf

Name : _____

Job Title : _____

Signature: _____

Date: _____

Company Stamp: _____
(Applicable if sponsored by company)

* This registration is invalid without signature & company stamp.

METHOD OF PAYMENT (Please tick your preferred option)

[] BY CASH
* 50% down payment is required in order to secure the seat.

[] BY CHEQUE
* 50% down payment is required in order to secure the seat.
* Made payable to Stake Technologies Nig. Ltd
* Cheque payment will only be accepted if received NOT LESS than 7 working days before training date. Full prepayment via cheque will only be acknowledged upon clearance by the bank.

[] BY BANK TRANSFER
* 50% down payment is required in order to secure the seat.
* Seat is confirmed only upon payment received with remittance slip (quoted with invoice number).
* All bank charges to be borne by payer. Please ensure that Stake Technologies Nig. Ltd receives the full invoiced amount.

Please refer to the page behind on the registration and training related terms and policies.

To REGISTER, please EMAIL this form to training@stkg.com
For more INFO, please call +234 704 034 6741; +234 806 315 4348

REGISTRATION FORM — CONT'D

TUV / IICS 4.1 CERTIFIED OFFSHORE CRANE INSPECTOR & API RP 2D-2 & ISO 23814 OFFSHORE CRANE INSPECTOR CERTIFICATION PROGRAM

LAST UPDATED 26-10-2021



CURRENCY Please tick where applicable [v]

BANK ACCOUNT DETAILS		
Account holder: STAKE TECHNOLOGIES NIG. LTD		
<input type="checkbox"/> NGN (Nigerian Naira)	Bank: Zenith Bank PLC Account No: 1017717602 Sort/Routing Code: 057210021	
<input type="checkbox"/> USD (United States Dollar)	Bank: GUARANTY TRUST BANK (UK) LIMITED Account No: 36917996 Swift Code: GTBIGB2L	Final Beneficiary: Stake Technologies Nig. Ltd Account No: 0680828140 Swift Code: GTBINGLA

DISCLAIMER

- 1) Stake Technologies Nig. Ltd reserves the right to cancel or make alternative arrangements to the course content, date, trainer, venue & course fee if the needs arise due to unforeseen circumstances.
- 2) **Fee does not include any taxes** (withholding or otherwise). In case of any taxes applicable, the client has to ensure that the taxes are paid on top of the investment fee paid for the course. Compliance with the local tax laws is the responsibility of the client.
- 3) **Exam fee charged in NGN is subject to change based on currency conversion.** Participants who failed to register in the said exam window stated in the invoice will need to pay for the difference in NGN if there is an increase in the currency conversion.
- 4) In the event where physical training is not possible due to border restriction, STAKE Technologies Nig. Ltd will **convert the training online**, and will consult all participants before doing so.

REGISTRATION & CANCELLATION POLICY

- 1) Seat is confirmed only upon receiving Registration Form with Proof of Payment. **Verbal or written request to reserve seat will not be entertained.**
- 2) Any cancellation / amendment must be received in writing. Otherwise, full course fee will be charged accordingly. **Verbal notice alone will not be entertained.**
- 3) For any cancellation received in writing **less than fourteen (14) working days prior to the course date**, or no-show, client is liable to pay the full course fee and **NO REFUND** will be granted. Replacement of delegate to same training session is allowed at no extra charges.
- 4) For any cancellation received in writing **NOT** less than fourteen (14) working days prior to the course date, full refund will be granted, with less NGR 20000 administrative fee and any related bank or credit card charges.
- 5) For any postponement received in writing less than fourteen (14) working days of the training course, client is liable to pay 50% of course fee as a **penalty on late notice.**
- 6) **Service Fee** of NGR 20000 will be charged to any request in amending issued invoice beyond given time.
- 7) **LOU provided** by company will **not serve as** 50% payment, and is merely an agreement of commitment.

COPYRIGHT AGREEMENT

Upon signing and submitting the registration form, I hereby agreed as follows:

No part of the course materials including course notes, color tabs, handouts or any related materials distributed to the participants during the workshop may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without either written permission of IDC Training House.

IDC Training House reserves the right to take any legal action towards the participant who violates this agreement without prior notice

I acknowledge that I have read the Agreement and understand my obligations to comply with the terms and conditions outlined in the Agreement. Hereby, I accept and understand the legal enforcement and consequences thereof.

To REGISTER, please EMAIL this form to training@stkng.com
For more INFO, please call +234 704 034 6741; +234 806 315 4348

APPLICATION FORM - INTIAL CERTIFICATION IICS CERTIFIED OFFSHORE CRANE INSPECTOR

Submit this form to info@international-inspector-certification.com or mail to service@stkng.com

LAST UPDATED 20-11-2020

Website: www.international-inspection-certification.com

CANDIDATE DETAILS

Full Name (As per IC/Passport): _____

Mobile No.: _____

Email: _____

Date of Birth (dd/mm/yy): _____

Job Title: _____

Address (Postcode is compulsory): _____

CERTIFICATION DETAILS

Self-Sponsored

Company Sponsored

WHICH EXAM ARE YOU APPLYING?

IICS 4.1A Associate Offshore Crane Inspector

IICS 4.1 Offshore Crane Inspector

EXAM FEE & WINDOW

* For participant registering on IDC course(s), the IICS Exam fee is included in IDC course fee.

* Kindly refer to IDC registration form for more information on IICS exam window.

INVOICE DETAILS

Attention Invoice to
(HR/Training Department): _____

Direct Line: _____

Email: _____

Fax Number: _____

Company Name: _____

Address (Postcode is compulsory): _____

APPLICATION INSTRUCTIONS

1) Fill out all pages of this application completely.

2) Read and sign the Inspector Agreement.

3) Application can be submitted—either in

Hardcopy

Post to IHRC International Certification Sdn Bhd

No 7, Unit 8, Jalan Industri PBP 3, Taman Industri Pusat Bandar

Puchong, 47100 Puchong, Selangor, MALAYSIA

OR

Softcopy

E-mail to info@international-inspector-certification.com

Cc: training@stkng.com

FINANCE DEPARTMENT CONTACT DETAILS

Name: _____

Job Title: _____

Email: _____

Direct Line: _____

AUTHORIZATION *Compulsory if sponsored by company

Signatory must be authorized to sign on behalf

Name : _____

Job Title: _____

Signature: _____

Date : _____

*Registration is invalid without Signature &
Company Stamp

FOR IICS OFFICE USE ONLY

APPROVE

REJECT (With Reason)

Verify By: _____

Signature : _____

Name: _____

Date: _____

REMARKS:

- 1) Fee does not include any taxes (withholding or otherwise). In case of any taxes applicable, client has to ensure that the taxes are paid on top of the fee specified. Compliance with local tax laws is the responsibility of the client.
- 2) Please furnish IHRC with Proof of Payment. IHRC will not process any application until full payment is received.
- 3) Renewal must take place not later than 30 days before the date of expiry. It is the certificate holder's responsibility to ensure that renewal takes place at the appropriate time. Late renewal will be subject to a Penalty Fee of RM 150 / USD 50.
- 4) If a renewal or recertification application is not submitted by 5 months grace period, the certification will expire. A new application and fees must be submitted, and candidate needs to pass a full examination in order to recertified.
- 5) In the event if candidate decide to withdraw the application after payment has been made, no refunds will be entertained.
- 6) IHRC will courier the certificate and wallet card to passing candidate in South East Asia region free of charge (FOC). For candidates residing outside South East Asia region, they are responsible to borne the courier fee.
- 7) For postponement of agreed re-examination date, admin fee of RM 150 / USD 50 will be charged.

IICS CERTIFIED OFFSHORE CRANE INSPECTOR

Website: www.international-inspection-certification.com

TO BE COMPLETED BY APPLICANT

I confirm that I have read and comply with the pre examination entry requirements as laid down in the [IICS Requirement Documents – DOCUMENT No. IICS-OC-16-03, 7th Edition May 2017](#) and understand that any fraudulent claim may result in the retraction of any certifications issued.

Please tick the appropriate box and provide the required details to meet the exam requirements you are applying for.

IICS 4.1A ASSOCIATE OFFSHORE CRANE INSPECTOR (LEVEL 1)

Candidate with less or minimal experience in the field of Offshore Crane Inspector

Attended an IICS approved training course at the appropriate level prior to examination

Training Course Title : _____

Date Attended : _____

Name of Institution : _____

IICS 4.1 OFFSHORE CRANE INSPECTOR (LEVEL 2)

Crane Inspector for a minimum of 2 years with experience related to the duties and responsibilities listed in Clause 1.2.2 under qualified supervision, independently verified

CANDIDATE QUALIFICATIONS		
AWARD(S) ACHIEVED / MAJOR	NAME OF INSTITUTION	ACHIEVEMENT DATE
<input type="checkbox"/> Certified IICS 4.1A Offshore Crane Inspector (Level 1) for a minimum of 2 years with job responsibilities in the areas listed in Clause 1.2.1 and 1.2.2		
<input type="checkbox"/> Crane Inspector for a minimum of 2 years		

CANDIDATE EMPLOYMENT DETAILS - CURRENT

Company Name : _____ Employment Period : _____

Company Address : _____ Company Phone No. : _____

Supervisor's Name : _____ Supervisor's Job Title: _____

Supervisor's Email : _____ Supervisor's Phone No.: _____

Candidate's Job Title / Detailed Description of Responsibilities:

Verified By

Name : _____

Job Title: _____

Date : _____

Signature & Company Stamp - Compulsory

INITIAL CERTIFICATION— CONT'D

IICS CERTIFIED OFFSHORE CRANE INSPECTOR

Website: www.international-inspection-certification.com

CANDIDATE EMPLOYMENT DETAILS - PREVIOUS

Company Name	:	_____	Employment Period	:	_____
Company Address	:	_____	Company Phone No.	:	_____

Supervisor's Name	:	_____	Supervisor's Job Title:		_____
Supervisor's Email	:	_____	Supervisor's Phone No.:		_____

Candidate's Job Title / Detailed Description of Responsibilities:

Company Name	:	_____	Employment Period	:	_____
Company Address	:	_____	Company Phone No.	:	_____

Supervisor's Name	:	_____	Supervisor's Job Title:		_____
Supervisor's Email	:	_____	Supervisor's Phone No.:		_____

Candidate's Job Title / Detailed Description of Responsibilities:

Company Name	:	_____	Employment Period	:	_____
Company Address	:	_____	Company Phone No.	:	_____

Supervisor's Name	:	_____	Supervisor's Job Title:		_____
Supervisor's Email	:	_____	Supervisor's Phone No.:		_____

Candidate's Job Title / Detailed Description of Responsibilities:

INSPECTOR CERTIFICATION AGREEMENT

(Effective on Date of Inspector's Certification)

This Agreement is between IHRC International Certification (hereinafter "IHRC") and the Candidate (the "Inspector").

Whereas, IICS Offshore Crane Inspector certifies Inspectors and other Technical personnel that meet the guidelines and requirements as laid down in the [IICS Requirement Documents – DOCUMENT No. IICS-OC-16-03, 7th Edition May 2017](#).

Whereas, Inspector desires to obtain certification under the IHRC International Certification (IHRC).

Now therefore, in consideration of the mutual covenants hereinafter stated, the parties agree as follows:

1. Inspector agrees to comply with all of the program policies and requirements. Inspector agrees and understands that IHRC shall be the sole judge of whether the Inspector has the appropriate qualifications to become certified, remain certified, or to be recertified.
2. The Inspector agrees not to make any misrepresentations concerning the Inspector's certification status or the program. The Inspector agrees not to perform any acts, which directly or indirectly assist a third-party in making any misrepresentation relating to the Program.
3. The Inspector understands and agrees that the program is designed to assist users in identifying Inspectors who have satisfied the minimum qualifications specified in the applicable industry standards and that IHRC does not warrant or guarantee the competency of any Inspector certified under this program. The Inspector agrees not to mislead customers or the public about the scope and purpose of this program.
4. The Inspector authorizes IHRC to release information to regulatory agencies, current or potential employers, or other interested parties concerning the Inspector's certification status. IHRC agrees to take reasonable measures to ensure that any information that is released is accurate. However, IHRC does not warrant or guarantee the accuracy of any information that is released and specifically disclaims any liability relating to the release of this data.
5. The Inspector understands and agrees that the Inspector's certification will not be renewed unless the Inspector satisfies all of the program requirements for renewal and submits the appropriate documents and renewal fee to IHRC within the time frame specified by IHRC.
6. Inspector understands and agrees that IHRC may modify the requirements for an Inspector to obtain, maintain, or renew the certification at any time. If IHRC's requirements are modified, IHRC shall determine the date by which the new requirements become effective. Inspector agrees to comply with the modified requirements within the deadline specified by IHRC. IHRC agrees to attempt (but assumes no duty) to notify Inspector of significant changes to the program by either giving notice: (1) at the Inspector's last known e-mail address, or (2) by posting the changes on the IHRC website. It is the responsibility of the Inspector to notify IHRC of address and e-mail changes. The failure of IHRC to notify Inspector of a renewal date or modification of the program does not relieve the Inspector of the responsibility to file a timely renewal application or to comply with new certification requirements. It is the responsibility of the Inspector to obtain this information by contacting IHRC or by checking the IHRC website for updates.
7. Inspector agrees to indemnify IHRC for any losses or damages resulting from the breach of the terms of this Agreement by the Inspector.
8. The Inspector agrees and understands that IDC may terminate an Inspector's certification if IHRC determines that the Inspector has: (1) made material errors, omissions, or misrepresentations on the application or in any other documents submitted to IHRC, or (2) violated any terms or conditions of this Agreement or program policies or requirements. IHRC also may terminate the program at any time and for any reason deemed appropriate by IHRC. Upon termination, with or without cause, of any rights or authority conferred by this Agreement, or upon expiration/termination of the Inspector's certification, Inspector agrees to return all certification documents to IHRC within 30 days.
9. The Inspector shall not use any trademark of IHRC or name of IDC including any abbreviation thereof, in any publicity, advertising, or for other promotional purposes without the prior written approval of IHRC.
10. This agreement shall not and is not intended to benefit or to grant any right or remedy to any person or entity that is not a party to this Agreement.
11. This instrument contains the entire and only agreement between the parties. No oral statements or representations not herein contained shall have any force and effect.
12. Paragraphs 2, 3, 4, 5, 6, 7, and 8 survive termination of this agreement.
13. Inspector agrees not to refer himself as IHRC agent nor refer to the relationship between the parties as a joint venture or partnership or in any manner inconsistent with this Agreement. Inspector shall have no authority to act or contract on behalf of IHRC.
14. IHRC makes no express or implied warranties regarding the program or potential benefits of the certification to the Inspector.
15. Inspector understands and agrees that Inspector is not granted any rights under the program or this Agreement until IHRC has determined that the Inspector has satisfied all of the program requirements and has issued a Certificate to the Inspector. The Inspector's certification shall be effective on the date that is noted on the Certificate and shall be effective for a period of three years unless terminated pursuant to the terms of this Agreement.
16. This Agreement shall be governed by and construed in accordance with the laws of the Malaysian Government, without regard to the rules regarding conflicts of law. The parties agree that any action, suit, or proceeding based upon any matter, claim, or controversy arising hereunder or relating hereto shall be brought exclusively in the federal or state courts located in Kuala Lumpur, Malaysia. The parties consent to the jurisdiction and venue of such courts, and waive any objections to the jurisdiction and venue thereof.

I, the undersigned, certify that I have read and fully comprehend this form, and agree to comply with the conditions specified above.

Candidate's Name : _____

Date of Application : _____

Candidate's Email : _____

Candidate's Address : _____

Candidate's Signature: _____

(Home/Residence) _____

IICS Reviewer's Name: _____