



2017

CHASSIS INSPECTOR'S CERTIFICATION EXAMINATION

TEST INFORMATION BULLETIN

Examination Dates:

Saturday, 14 October 2017 thru Saturday, 21 October 2017

IMPORTANT DATES FOR 2017

Registration & Payment Deadlines

Registrations are complete when Registration forms *AND* payments are received by the deadlines below.

EARLY REGISTRATION DEADLINE	REGULAR REGISTRATION DEADLINE	LATE REGISTRATION DEADLINE
Until 2 June 2017	3 June – 4 August 2017	5 August – 29 September 2017
\$275.00	\$325.00	\$350.00

Request for Special Test Center Deadline: 4 August 2017

Admission Letters E-Mailed to Candidates: By 29 September 2017

If Admission Letter is not received by 29 September 2017 contact info@iiicl.org

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KEEP THIS BULLETIN. Carefully read the Bulletin. It has important information you will need for future reference.

Each 2017 candidate must print or download of the 2017 Test Information Bulletin.

GENERAL INFORMATION

The Institute of International Container Lessors (IICL), organized in 1971, is the trade association for the international container leasing industry. It is active in governmental, regulatory, safety, technical, electronic communication, and environmental fields throughout the world. The members of IICL are engaged in leasing marine cargo containers to ship operators and others on a broad international basis. These members represent a significant portion of the global leased container and US chassis fleets of the leasing industry and account for the ownership of approximately fifty percent of the world's leased containers.

REQUIREMENTS FOR CERTIFICATION The examination is open to anyone interested in becoming IICL-certified as a chassis inspector. IICL certification is awarded to all candidates who pass the examination and is valid for five years. An inspector must pass the examination again before certification is reissued. Certification does not authorize an individual to represent IICL in any manner. Certification may be revoked by IICL for any of the following reasons: willfully falsifying information on the registrations, making unauthorized material available to others, taking the examination on behalf of another person or misuse of certification.

DESCRIPTION OF THE EXAMINATION The 2 hour chassis inspector certification examination will be a **computer based examinations** provided at numerous proctored test centers around the world, and each exam will consist of 100 multiple-choice questions in English. The traditional pen and paper version of the examination will no longer be offered. Please visit IICL web page <http://iicl.org/education/certification.cfm> and select a test center city from the list of active examination sites. During the month of **August 2017** every registrant will be notified via email on how to select a test center location, date and time. New to the 2017 certification exam will be the option of each student to select a specific date between **Saturday, 14 October 2017 and Saturday, 21 October 2017** to take the examination. Early registrants will be given priority for their choices dates and times.

The Chassis examination will be based on the following manual and Technical Bulletins.

Visit <https://www.iicl.org/store/storeform.cfm> to purchase the chassis manual, Item# 2105

1. *Guide for Container Chassis Inspection and Maintenance, 4th edition* (2006).
2. Also, please visit <http://www.iicl.org/techcorner/chassis.cfm> and read the following Technical Bulletins to prepare for the Chassis Inspector Certification Examination.

[IICL TB 018 10 June 2015](#)

Title: Guidelines for Anti-Lock Braking Systems

Reference: This TB addresses various technical guidelines regarding anti-locking braking systems

[IICL TB 019 10 June 2015](#)

Title: Parts and Accessories for a Safe Operation 393

[IICL TB 020 10 June 2015](#)

Title: Summary of FMCSA Roadability

Reference: This TB is an IICL summary of the Federal Register 49 CFR (various parts) FMCSA roadability rules.

[IICL TB 021 – 26 March 2015](#)

Title: Best Practices – Removal and Installation of Wheel Assembly (Tire Mounted to Rim Assembly) From Container Chassis

[IICL TB 022 - 3 June 2015](#)

Title: Chassis Brake Stroke

See full description of the publications above under “Content Outline” on Page 7 and 8.

REGISTRATION - Online registrations & fees must be received by the deadlines outlined in IICL web page http://www.iicl.org/education/chassis_inspectors_testinfo.cfm

- Complete the 2017 registration online electronically - http://www.iicl.org/education/chassis_inspectors_testinfo.cfm
- **Registration Fees.** Registrations that have not been paid will remain pending until payment is received.
- **Registration Notification.** Notification of Registration is sent by e-mail upon registration completion online. When you submit and complete your online registration you will receive an automated **purchase confirmation and/or order number**. Contact IICL if you do not receive a prompt automated online notification via email to ensure IICL received your registration. Please check all junk and spam folders for the online registration confirmation.

[Record and save your online registration confirmation for ALL correspondence with the IICL.](#)

TEST CENTERS - Please visit IICL web page <http://iicl.org/education/certification.cfm>

REGULAR TEST CENTERS The examination is administered at regular sites around the world. In the event that the test center is cancelled, IICL will allow test candidates to take the test at another location or give a full refund to the candidate if no other location is acceptable.

SPECIAL TEST CENTER REQUEST DEADLINE: 4 August 2017

IICL reserves the right to cancel a regular test center that does not have sufficient registrations.

REFUND POLICIES and CANCELLATION SCHEDULE

Registrations may be cancelled before the examination date; however, **IICL does not retain credit** towards future tests. all fees for candidates canceling before the test date will be refunded according to the schedule below.

Refunds will only be made if a candidate notifies IICL prior to one of the cancellation dates by e-mail.

CANCELLATION FEE SCHEDULE

Cancellations until 4 August 2017:

Registration fee refunded minus \$100.00 cancellation fee

Cancellations from 5 August – 29 September 2017:

Registration fee refunded minus \$200.00 cancellation fee

NO REFUNDS AFTER 29 SEPTEMBER 2017

ABSENCE

If a candidate does not appear on the exam date at the testing site shown on the Admission Letter or cancel on or before 29 September 2017, the entire test registration fee will be forfeited. It is the responsibility of test candidate or point of contact for the candidates' organization to notify IICL if admission letters are not received by 29 September 2017.

SUBSTITUTIONS

Deadline: 29 September 2017

If a candidate is unable to sit for the exam and wishes to substitute another candidate from the same company for the examination, the substitute candidate must e-mail info@iicl.org the substitutes name and email address along with the current candidates name, purchase confirmation/order number and test center city to be replaced at no additional cost.

ADMISSION LETTERS

Candidates should receive a letter by 29 September 2017

Admission Letters will be emailed to candidates approximately one month prior to the examination, at the latest. Admission Letters indicate the test date, reporting time, reporting test center address and any additional information for candidates to follow. Take your Admission Letter to the test center indicated in the letter; you will be required to show it to the test supervisor with a valid photo ID.

- **CONTACT IICL IMMEDIATELY IF YOU DO NOT RECEIVE YOUR ADMISSION LETTER BY FRIDAY, 29 SEPTEMBER 2017.** IICL will confirm that you are registered and e-mail a copy of your

Admission Letter to you. If you are properly registered, however, you may take the examination without an Admission Letter providing you bring current photo-identification.

TESTING DAY PROCEDURES

Saturday, 14 October thru Saturday, 21 October 2017

Report to the assigned test center on the selected date, follow any instructions given and please be prompt!

WHAT TO BRING TO THE TEST CENTER

- Recent (current) and valid photo-identification, such as a government issued ID, a passport or driver's license
- Chassis exam confirmation letter

REGULATIONS AT THE TEST CENTER To ensure that all candidates are tested under equally favorable conditions, the following regulations and procedures will be observed at each center.

- NO beepers, cellular telephones, books or papers of any kind are allowed in the examination location. This means that NO dictionaries can be brought into the testing room. IICL suggests that non-English-speaking candidates memorize the names of container components, procedures and materials as provided in the IICL manuals, and also the "English words and phrases" on page 14.
- Candidates needing to use the restroom during an examination must secure permission from the supervisor.
- Candidates discovered engaging in any kind of misconduct, such as giving or receiving help, talking during the examination, taking part in an act of impersonation, or removing test materials or notes from the testing room, may be summarily dismissed from the examination and will be reported to IICL.
- There are no Interpreters admitted to the exam test center.

TEST SECURITY PROCEDURES Any doubts raised about the validity of an individual candidate's score will be thoroughly investigated. Some scores may be rendered invalid because of circumstances beyond a candidate's control. When such circumstances are discovered, IICL will arrange a makeup administration for the candidates concerned at no charge. If misconduct (such as giving or receiving help, attempting to take the examination for someone else, or removing test materials) is suspected, IICL will investigate all circumstances of the case. As a result, scores may be delayed in being reported.

CERTIFICATES and INSPECTOR DIRECTORY LISTING

All candidates who pass the examination will receive an IICL Chassis Inspector's Certificate confirming their certifications.

Certified inspectors' names are published annually in the IICL *Inspection Directory* which is posted on IICL's website. All candidates will have to visit the *Inspection Directory* via <http://www.iicl.org/directory/inspectorsSearch.cfm> and edit/update their data. The *Inspection Directory* will be updated via for all passing candidates to view/update by the end of January 2018.

For candidates receiving a score of 90% or higher, IICL awards an Honor's Certificate.

CONTENT OUTLINE FOR CHASSIS INSPECTOR'S EXAMINATION

Candidates should be familiar with all recommendations and information contained in the following publication:

1. *Guide for Chassis Inspection and Maintenance, 4th edition (2006).*

The Guide includes the following information:

- **Purpose of chassis inspection, Types of chassis**
- **General inspection procedures and sequence**
- **Description of chassis components to be checked, conditions to be corrected, specific inspection procedures to be carried out for each component, etc. Nineteen diagrams. Candidates should be able to identify all chassis components.**
- **Inspection criteria for chassis (Table 5.1 – 5.10). Includes USDOT requirements.**
- **Definitions and examples of wear and damage**
- **Glossary. Candidates should be familiar with all chassis terminology.**
- **Chassis conditions (color photos)**
- **Chassis Periodic Inspection Form, Sample Periodic Inspection Certification Decal**
- **Tables on lighting, conspicuity and brake readjustment limit requirements**
- **Recommended table of criteria for inspections and planned preventive maintenance of container chassis. The manual contains a table listing components to be inspected or repaired at regular intervals, criteria for determining if repair of maintenance is required, and recommended maintenance or repair procedures to be performed as required. USDOT requirements for all components, including conspicuity rules as of 1996, are included in the Annual Schedule.**

Candidates do NOT have to memorize the CEDEX codes for chassis.

Also, please visit <http://www.iicl.org/techcorner/chassis.cfm> and read the following Technical Bulletins to prepare for the the Chassis Inspector Certification Examination.

- [**IICL TB 018 10 June 2015**](#)

Title: Guidelines for Anti-Lock Braking Systems

Reference: This TB addresses various technical guidelines regarding anti-locking braking systems

- [**IICL TB 019 10 June 2015**](#)

Title: Parts and Accessories for a Safe Operation 393

Reference: This TB addresses the Parts and Accessories necessary for the safe operation of a commercial vehicles and taken from 49 CFR 393 of the Federal Regulations.

- [**IICL TB 020 10 June 2015**](#)

Title: Summary of FMCSA Roadability

Reference: This TB is an IICL summary of the Federal Register 49 CFR (various parts) FMCSA roadability rules.

- [**IICL TB 021 – 26 March 2015**](#)

Title: Best Practices – Removal and Installation of Wheel Assembly (Tire Mounted to Rim Assembly) From Container Chassis

- [**IICL TB 022 - 3 June 2015**](#)

Title: Chassis Brake Stroke

SAMPLE QUESTIONS

DIRECTIONS: Each of the questions or incomplete statements below is followed by 4 suggested answers or options.

Select the one that is best in each case.

- | | |
|---|---|
| <p>1. The device that compensates for brake wear and is used to position brake lining with respect to the drum is called the</p> <p>(A) Brake chamber
(B) 121 brake system
(C) Anti-lock brakes
(D) Slack adjuster</p> <p>2. Under USDOT regulations, the license plate lamp color must be</p> <p>(A) amber
(B) white
(C) yellow
(D) red</p> <p>3. How often must an upper coupler be inspected?</p> <p>(A) Daily
(B) Monthly
(C) Biannually
(D) Annually</p> <p>4. When the air tank is filled and the brake system charged, the leak rate should not exceed a minimum of</p> <p>(A) 2 psi per minute
(B) 3 psi per minute
(C) 4 psi per minute
(D) 5 psi per minute</p> <p>5. The proper repair to correct mismatched tires exceeding 7/16 inch includes which of the following:</p> <p>I. Inflate the lower tire until it matches the other
II. Replace to match
III. Exchange to match</p> <p>(A) I and II only
(B) I and III only
(C) II and III only
(D) I, II, and III</p> | <p>6. Which of the following actions should be taken if a twist lock handle extends beyond the chassis envelope in the open position?</p> <p>(A) Reposition it by cutting and welding
(B) Straighten it with a hammer, if possible
(C) Have the depot note the condition on the outbound equipment interchange receipt (EIR)
(D) No repair is necessary if, when locked, it is within the chassis envelope</p> <p>7. Which of the following brake components should be scheduled for inspection daily or before each use?</p> <p>(A) Brake drums
(B) Anchor pins
(C) Air tanks
(D) Brake linings</p> <p>8. Which of the following defects would need to be corrected before a chassis could pass a USDOT inspection?</p> <p>I. A missing leaf in a multi-leaf spring assembly
II. A 1 inch (25 mm) dent in a crossmember in an upwards direction
III. A bolt hole on a disc-type wheel that is elongated 1/8 in (3 mm)</p> <p>(A) I and II only
(B) I and III only
(C) II and III only
(D) I, II, and III</p> <p>9. When performing an axle alignment, a chassis inspector should measure from the</p> <p>(A) front edge of the bolster to the front outside tires
(B) rear bolster to the center of the front axle
(C) kingpin to the outside edge of the front tires
(D) kingpin to the leading edge of the brake drums on both side of the front axle</p> <p>10. The term “bolsters” may best be defined as the</p> <p>(A) mounting structures for container securing devices
(B) steel supports for the kingpin pick-up plate
(C) steel plates between the spring hangers and the main rails
(D) brackets used on air tanks</p> |
|---|---|
- ANSWERS: 1. D; 2. B; 3. D; 4. B; 5. C; 6. D; 7. C; 8. B; 9. D; 10. A**