



2012

CONTAINER INSPECTOR'S CERTIFICATION EXAMINATION

TEST INFORMATION BULLETIN

Examination Date: Saturday, September 22, 2012

IMPORTANT DATES FOR 2012

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 May 25, 2012	May 26 - August 3, 2012	August 4 – September 7, 2012
\$325.00	\$375.00	\$400.00

Scholarship Application Deadline: May 28, 2012

If you wish to apply for a scholarship, see the instructions on page 4 and complete an IICL Container Inspector's Scholarship Application Form.

Request for Special Test Center Deadline: August 3, 2012

Admission Letters E-Mailed to Candidates: Week of September 3, 2012

If Admission Letter is not received by September 7, 2012, contact IICL

INFORMATION BULLETIN TOPICS

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KEEP THIS BULLETIN. Carefully read the Bulletin. It has important information you will need for future reference. 2012 registration forms may be duplicated for other candidates; however, DO NOT distribute the registration form without an Information Bulletin!

Each 2012 candidate must have a copy of the 2012 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 90% 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 container 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 registration form, making unauthorized material available to others, or misuse of certification.

DESCRIPTION OF THE EXAMINATION The 2-1/2 hour examination, given in English, consists of 100 multiple-choice questions. All of the 2012 examination questions will be based on Seven (7) IICL technical guides and manuals and IICL Technical Bulletin 002:

1. *Guide for Container Equipment Inspection, 5th edition (IICL-5)* (published 1996) (reprinted 2006)
2. *Repair Manual for Steel Freight Containers, 5th edition* (published 1999) (reprinted 2006)
3. *General Guide for Container Cleaning, 2nd edition* (published 2000)
4. *Guide for Container Damage Measurement* (published 1997) (reprinted 2006)
5. *Supplement on Container Inspection and Repair: Gray Areas, 2nd edition* (published 2003)
6. *Guide for Open Top Container Equipment Inspection* (published 2005) (reprinted 2007)
7. *CSC Pamphlet, 6th edition* (published 2002)
8. *Preferred Electronic Data Interchange Standards (EDIS), Technical Bulletin 002*, (February 2003)

TB-002 is the only study reference available electronically.

Please visit http://www.iicl.org/education/container_inspectors_testinfo.cfm to download the same.

See full description of the publications above under "Content Outline" on Page 7 and 8. Use a 2012 IICL Container Inspector's Examination publication price list and order form to purchase the publications.

REGISTRATION - Forms & Fees must be received by the deadlines outlined on page 1.

- Complete a 2012 registration form online - http://www.iicl.org/education/container_inspectors_testinfo.cfm
- **Registration Fees.** Online registration forms sent without payment will be held until payment is received.
- **Photograph for Photo ID Card.** Candidates who pass the examination will be issued a photo-identification card indicating their 5-year certification period.
- **Wait for further instructions to email your photos AFTER you receive your six digit exam registration number to emena@iicl.org and title/name the photo with your exam registration number ONLY.**
- **Registration Notification.** Notification of Registration is sent by e-mail upon registration completion online. Contact IICL if you do not receive a prompt notification to make sure IICL received your materials. **[Record and save your electronic CONFIRMATION Number for ALL future correspondence with IICL.](#)**
- **Address Changes.** Notify IICL immediately if you change your e-mail address or mailing address.

TEST CENTERS (Worldwide Test Center list below)

REGULAR TEST CENTERS The examination is administered at regular sites around the world. From the test center list on page 3, enter the city, state, country and test center code number on your registration form.

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.

2012 IICL Container Inspector's Examination: Saturday, September 22, 2012

<i>Country</i>	<i>Test Center City</i>	<i>Code</i>
ARGENTINA	Buenos Aires	7030
AUSTRALIA	Brisbane	0155
	Devonport	0602
(21 September 2012)	Melbourne	0102
	Port Adelaide	0502
	Sydney	0100
	Perth	0200
BRAZIL	Sao Paulo	0103
CANADA	Toronto	0605
	Borden	0607
	Vancouver	0604
CHILE	Santiago	0120
	Valparaiso	0160
CHINA	Dalian	0225
	Hong Kong	0109
	Shanghai	4538
	Qingdao	3500
COLOMBIA	Bogotá	0505
COSTA RICA	Limón	0236
DJBOUTI	Djibouti	2400
ECUADOR	Guayaquil	0806
EGYPT	Cairo	0503
FINLAND	Helsinki/Turku	0350
GERMANY	Hamburg	0108
GUATEMALA	Guatemala City	0805
INDIA	Chennai	0135
	Mumbai	0110
INDONESIA	Jakarta	0119
ITALY	Milan	0111
JAPAN	Kobe	0112
	Tokyo	0124
KENYA	Mombasa	0137
KOREA	Pusan	0114
	Seoul	0803
KUWAIT	KUWAIT CITY	0150
MALAYSIA	Kuala Lumpur	0330
MEXICO	Mexico City	8701
NETHERLANDS	Rotterdam	0250
NEW ZEALAND	Auckland	0131
	Christchurch	0132
	Dunedin (Port Otago)	0133

<i>Country</i>	<i>Test Center City</i>	<i>Code</i>
PAKISTAN	Karachi	0140
PANAMA	Panama City	0246
PERU	Lima	0125
PHILIPPINES	Manila	0142
SINGAPORE	Singapore	0116
SOUTH AFRICA	Cape Town	2341
	Durban	2355
	Johannesburg	2366
SPAIN	Valencia	0149
SRI LANKA	Colombo	0189
TAIWAN	Taoyuan Hsien	0117
THAILAND	Bangkok	0801
TURKEY	Istanbul	0134
U.A.E.	Dubai	0121
U.K.	London	0104
URUGUAY	Montevideo	0122
VIETNAM	Ho Chi Minh City	0378
U.S.A.	Atlanta, GA	2010
	Charleston, SC	7020
	Chicago, IL	2301
	Columbus, OH	2371
	Galveston, TX	5320
	Houston, TX	5321
	Iselin, NJ	4201
	Jacksonville, FL	3105
	Los Angeles, CA	1501
(Coral Gables)	Miami, FL area	4520
	New Orleans, LA	1809
	Norfolk, VA	7010
	Saint Louis, MO	6011
	Seattle, WA	5701
(Vallejo)	San Francisco, CA area	1401

* **Additional Test Centers may be added to the list above as candidates request special test centers.**

SPECIAL TEST CENTERS If a regular test center is not within 200 miles of the city in which you want to be tested, you may request that a special center be established. Please note that if you request a special center, **you** are responsible for organizing **five** candidates in your location in order to have the minimum number needed to establish a special test center. While there is no guarantee that a new center can be set up, IICL will make every effort to publicize your test center, but cannot be responsible for locating the minimum number of candidates. A minimum of five registrations and fees must be received at IICL by the regular deadline of August 3, 2012, or the special test center will be cancelled.

SPECIAL TEST CENTER REQUEST DEADLINE: 3 August 2012

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

SCHOLARSHIPS

Application deadline May 18, 2012

Each year, IICL awards up to three scholarships worldwide based on need. Each scholarship will include the registration fee and a full set of examination manuals. Applicants must complete a scholarship form, submit documentation of financial need (such as copy of tax form or proof of salary) and a short essay per the instructions on the application. The form and essay must be written in English only, and can be typed or handwritten (if legible). The essay must be written in the applicant's own words. Applicants will be judged on the *content* of their application and on their need for a scholarship, and **not** on how well they write English.

- IICL will only accept **one** scholarship application from any one company.
- Scholarship application forms must be **received** at IICL by the application deadline of **May 18, 2012**
- IICL will choose the scholarship winners by **June 15, 2012** and will inform all prospective applicants whether or not they have been awarded a Scholarship.
- If you are not selected for the scholarship, you may still register and participate for the exam. You will have to pay the registration fee based on the period you submitted your scholarship application.

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, fax, telephone, or letter.

CANCELLATION FEE SCHEDULE

Cancellations until August 10, 2012:

Registration fee refunded minus **\$100.00** cancellation fee

Cancellations from August 11 - September 7, 2012:

Registration fee refunded minus **\$200.00** cancellation fee

NO REFUNDS AFTER SEPTEMBER 7, 2012

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 September 7, 2012, **the entire test registration fee will be forfeited**. It is the responsibility of test candidates to notify IICL if admission letters are not received by Friday, September 7, 2012.

SUBSTITUTIONS

Deadline: August 17, 2012

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, fax or mail the completed registration form to IICL.

ADMISSION LETTERS

Candidates should receive a letter by September 7, 2012

IICL e-mails or faxes Admission Letters to candidates approximately one month prior to the examination. Admission Letters indicate the test date, reporting time, reporting test center address and your unique Registration Number. Record the Registration Number for future correspondence concerning your score report. Take your Admission Letter

to the test center indicated in the letter; you will be required to show it to the test supervisor.

- **CONTACT IICL IMMEDIATELY IF YOU DO NOT RECEIVE YOUR ADMISSION LETTER BY FRIDAY, SEPTEMBER 7, 2012.** IICL will confirm that you are registered and fax or 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	Saturday, September 22, 2012
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Report to the assigned test center no later than 8:30 AM unless your Admission Letter indicates a different reporting time. Please be prompt! **Persons arriving after the test supervisor has started the instructions may not be admitted.**

WHAT TO BRING TO THE TEST CENTER

- Recent (current) photo-identification, such as passport or driver's license
- Your Container Inspector's Examination Admission Letter
- A No. 2 pencils (medium soft; "2B" in some countries) and an eraser

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.
- All answers to questions are to be marked on the separate answer sheet. All scratch work must be done on the blank spaces in the test books. Scratch work must not be done on the answer sheet.
- 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. Decisions regarding disciplinary measures will be made by 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, such as faulty test materials. 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.

INSTRUCTIONS FROM THE TEST CENTER SUPERVISOR At each test center, the test center supervisor will read aloud the standard testing instructions from a manual prepared by IICL. Candidates should listen carefully to all instructions. Be sure to ask any questions **before** the test starts, as the supervisor is not permitted to answer questions once the test has begun. Before the test begins, the supervisor will explain how to enter the identifying information on the answer sheet. This information is recorded electronically and is used to report scores; therefore, it must be accurate. If the information is inaccurate or incomplete, score reporting and certification could be delayed.

TAKING THE TEST When you receive your test book, read the directions carefully and be sure that you understand them before attempting to answer any questions. Once you begin the test, do not waste time on questions containing material that is unfamiliar to you. Go on to the other questions and return to the difficult ones later, if you have time. Make an educated guess at the correct answer rather than leave the answer space blank. With some knowledge about a particular question, you may be able to eliminate one or more of the answer choices as wrong. It is to your advantage to answer ALL questions since your score is determined only by the number of questions

answered correctly.

It is important to read the questions carefully - DON'T mark an answer until you have considered **ALL** of the options. And remember: the questions require **precise** knowledge of IICL recommendations.

Record the answers on the separate answer sheet carefully in pencil only. For each question, be sure to darken *thoroughly* the appropriately lettered circle on your answer sheet so that the computer scanner will be able to record your answer. The numbering of questions in the test book matches the numbering of responses on the answer sheet. Answer spaces on the answer sheet are lettered to correspond with the letters of the possible answers in the test book. *No credit will be given for answers written or indicated in the test book.*

Give ONE answer only to each question; multiple responses to a question will be scored as incorrect. Erase completely any previously marked response; insufficiently erased pencil marks may be scanned as a multiple response, and the question scored as incorrect. Circles that are *too lightly or incompletely marked* may not be registered by the scanner used to score the answer. A sample IICL answer sheet is included in this Bulletin. If you have not taken a multiple-choice test before, you should practice recording your answers to the sample questions on the sample answer sheet.

SCORE REPORTS Passing scores will be posted on www.iicl.org by order of exam registration number by 15 December 2012 - **KEEP YOUR EXAM REGISTRATION NUMBERS.**

Score Reports will be emailed in January 2013. If you do not receive your Score Report by February 1, 2013 please contact IICL. Score Reports will inform you whether you passed or failed the examination and how many questions you answered correctly out of the 100 questions on the examination. You will also be informed of the score required to pass the examination. Please notify IICL if you change your mailing address.

VERIFICATION OF SCORES

Due to the overwhelming number of candidates that participate in IICL examinations all passing scores should be posted on our homepage, www.iicl.org by 15 December 2012 in order of exam registration number. You will need your exam registration number in order to view your score, **so please keep a record of your EXAM REGISTRATION NUMBER at all times for any correspondence with IICL.** If you receive a failing score on the examination, you may request a re-scoring of your answer sheet. This re-scoring process ensures that no stray pencil marks or other conditions interfered with computer-scoring. Requests for re-scoring must be sent to IICL **within 8 months after the examination was administered.** IICL will re-score your answer sheet by hand, and will inform you of the results.

There are no provisions for allowing either failing or passing candidates to review their test results in detail with persons from IICL. This policy is necessary due to the number of candidates taking the test and the need to protect test security.

CERTIFICATES/PHOTO-IDENTIFICATION CARDS/DIRECTORY LISTING

All candidates who pass the examination will receive an IICL Marine Cargo Container Inspector's Certificate and photo-identification card. These documents should be received during the month of February 2013. If you do not receive your certificate and photo-identification card by 28 February 2013, please contact IICL.

Certified inspectors' names are published annually in the IICL *Inspection Directory* which is posted on IICL's website. Home addresses and company names and addresses are included for all inspectors who have given IICL permission to list them. Asterisks are placed opposite the names of re-certified inspectors. The *Inspection Directory* includes sections listing companies that employ IICL-certified inspectors.

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

CONTENT OUTLINE FOR THE CONTAINER INSPECTOR'S EXAMINATION

Candidates should be familiar with all recommendations and information contained in the following publications and IICL Technical Bulletin 002:

1. *Guide for Container Equipment Inspection - 5th edition* (IICL-5) (Reprinted 2006)

The Guide recommends criteria and methods for the inspection of containers and contains:

- Purpose of container inspection and role of inspector
- Definitions and types of wear, damage and non-conforming repair
- International requirements (CSC, TCT, TIR, etc.) and inspection documentation (EIR, EDI, etc.)
- Correct inspection procedures
- Container design features (candidate must be able to identify container components)
- Tables of inspection criteria (see note below regarding Table 5.8 & Table 5.9)
- Glossary of container terminology

Candidates should understand how to interpret the ISO dimensions (including plus or minus allowances), but need not memorize specific ISO dimensions, as an ISO chart will be printed in the examination booklet. (IICL tolerances will not be provided.)

2. *Repair Manual for Steel Freight Containers, 5th edition* (Reprinted 2006)

The fifth edition of the Repair Manual contains recommendations for the repair of steel containers, many presented by means of color photographs. The following is included:

- International requirements and safety requirements
- General repair principles and procedures from straightening to component replacement, including surface preparation, welding, fasteners, etc.
- Specific rules and special considerations for repair of individual container components. Candidates must be able to recognize *incorrect* procedures as well as correct ones. All diagrams must also be studied.
- Materials and tools recommended by IICL for repair
- Safety precautions and quality assurance
- Non-conforming and improper repairs
- Terminology and interpretation of ISO dimensions, including gooseneck tunnels and forklift pockets

The Repair Manual (reprinted 2001) includes information from *Technical Bulletin S2* (2000) as follows:

- Surface preparation, including full abrasive blasting and spot blasting
- Environmental and safety considerations
- Post blast requirements
- Application of prime coat, intermediate and top coating
- Paint drying times
- Undercoating

Technical Bulletin S2 (published 2000)

- If you are using a *Repair Manual for Steel Freight Containers, 5th edition* (1999) purchased prior to June 6, 2000, you may download *Technical Bulletin S2* from IICL's website at www.iicl.org. The Bulletin includes the information noted above under the *Repair Manual for Steel Freight Containers, 5th edition* (reprinted 2001) description.

3. *General Guide for Container Cleaning, 2nd edition* (published 2000)

This Guide provides a series of color photographs illustrating the types of container conditions in dry-van, open-top and refrigerated containers that may or may not require cleaning. For each condition, the Guide

recommends the action to be taken, if any, and the cleaning procedure to use, if the container requires cleaning. Areas covered include:

- General objective
- Safety and environmental concerns
- General principles for determining when to clean
- ALL conditions for dry-vans, open-tops and refrigerated containers shown in the Guide and recommended actions, if any
- Possible harmful contamination and recommended action
- Recommended cleaning methods for all types of conditions. Candidates must know which method is recommended for each type of condition listed.

4. *Guide for Container Damage Measurement* (published 2003, reprinted 2006)

This Guide provides instructions on measuring bends, bows, dents and other damage to containers and includes information on:

- Basic methods of measuring damage: where to place reference line on components, where to take measurement of damage
- How to calculate if damage exceeds ISO and IICL tolerances
- Measurement methods for specific and unusual cases
- Tools required for container damage measurement

5. *Supplement on Container Inspection and Repair: Gray Areas, 2nd edition* (published 2003)

This Supplement is designed to clarify areas of container inspection and repair that have been open to interpretation. Color photographs illustrate recommendations. Areas covered include:

- How to determine if a condition requires repair
- How to distinguish between damage and wear
- Determining causes of damage
- Judging if a repair is acceptable
- Floors: cracks, splits, broken planks, delamination, rolling shear and other conditions
- Scratches and other abrasions on interior walls
- Door gasket seal
- Frame members: metal loss due to corrosion
- Correction of improper repairs: panel straightening, different roof corrugation profiles, pre-existing conditions

6. *Guide for Open Top Container Equipment Inspection* (published 2005) (reprinted 2007)

This guide provides instruction regarding the inspection of Open Top Containers. Specific areas of focus are components unique to Open Top Containers such as:

- Tarps, Cables, Roof bows, and Swinging headers - In addition, attention should be given to cleaning requirements for this equipment type.

7. *International Convention for Safe Containers, 1972 (CSC)* (published 2002)

8. *Preferred Electronic Data Interchange Standards (EDIS) for the Container Industry – Technical Bulletin: IICL TB 002* (February 2003)

IICL Technical Bulletin 002 was developed as a guide for the use of EDI standards and codes. TB-002 resides on the IICL web site at http://www.iicl.org/education/container_inspectors_testinfo.cfm
Various sections of this Technical Bulletin offer the following information:





- Section 6, preferred code combinations, external standards and references, Message types, Cedex codes and definitions, IICL preferred codes and combinations

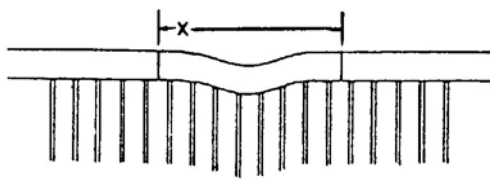
- IICL suggested estimate format and header items

SAMPLE QUESTIONS

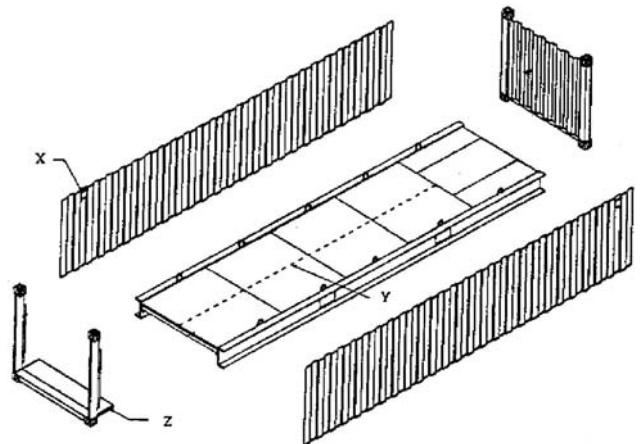
DIRECTIONS: Each of the questions or incomplete statements below is followed by 4 suggested answers or options. Select the one that is best in each case. Choose only **ONE** option per question, and answer **ALL** questions (score based only on number of questions answered correctly). Answers are at bottom of page 11.

- Which of the following defects requires repair?
 - A loose door gasket
 - A bent J-bar that does not affect door operation
 - A dent 13mm (1/2 in) deep on door sill
 - Four dents, each 11 mm (7/16 in) deep, on contiguous outboard corrugations of a roof panel
- Of the following conditions in a dry-van container, which one would require cleaning?
 - Raised mud foot prints in excess of what might normally remain after a sweep out
 - Dry dust covering dried floor stains as might normally be found after a sweep out
 - Coffee beans remaining inside the container as might occur after a sweep out
 - Polyurethane beads as might be expected to lodge in grooves between floorboards after a sweep out
- An Equipment Interchange Receipt (EIR), based on an inspection with no damage found, can be evidence of a container's compliance with:
 - Australian Timber Component Treatment Regulations
 - Convention for Safe Containers (CSC) regulations through the ACEP Program
 - Transport under custom's seal (TIR) regulations
 - International Standards Organization (ISO) CEDEX codes regulations
- The top of a replacement plastic ventilator should be centered what distance from the top side rail?
 - 50 – 55 mm (2 - 2-3/16 in)
 - 70 – 75 mm (2-5/8 – 3 in)
 - 100 mm (4 in)
 - 150 mm (6 in)

- When must a reference line extend the full length of a bottom side rail?
 - When there are two or more areas of damage on the bottom side rail
 - When there is a sharp bend in the bottom side rail
 - When there is a bowing over the entire bottom side rail
 - When there is additional damage to the bottom side rail so that the reference line cannot be positioned over the ends of the damage
- Which of the following profiles of corner post inserts would be considered an acceptable repair?
 - 
 - 
 - 
 - 
- Which of the following is NOT a transverse structural member of the container?
 - Front sill
 - Tunnel rail
 - Rear header
 - Crossmember

<p>8. A steel corner fitting is being replaced. To ensure better weld penetration, IICL recommends that the edges of parts adjacent to the corner fitting be ground to a minimum bevel of</p> <p>(A) 30 degrees (B) 45 degrees (C) 55 degrees (D) 60 degrees</p> <p>9. Which of the following components is sometimes placed longitudinally in the container to support plywood flooring?</p> <p>(A) Transverse bow (B) Gusset (C) Hat section center spacer (D) Threshold plate</p> <p>10. Assuming owner and environmental regulations permit, which of the following procedures is NOT recommended for repairing tarpaulins or open top containers?</p> <p>(A) Cleaning the area to be covered with acetone or mineral spirit (B) Using a heat gun to fuse a patch to the tarpaulin (C) Sewing on a patch of the same material as the tarpaulin (D) Repairing a 6 mm (1/4 in) pin hole with an epoxy compound</p> <p>11. Which of the following is an example of a plank floor condition requiring repair <u>AND</u> which should be considered as damage?</p> <p>(A) A crack or split with no evidence of impact, which leaks light (B) A crack or split with a sign of impact which does not leak light (C) A crack or split, adjacent to a dented bottom rail, which leaks light (D) A crack or split, with no evidence of impact, with a loose piece</p> <p>12. Welds to corner fittings should be made with</p> <p>(A) CO₂ semi-automatic welding (B) Low hydrogen welding rods (C) Fully automatic welding (D) Arc welding</p>	<p>13. All of the following procedures are required EXCEPT</p> <p>(A) Weld smoke, spatter, etc. must be removed to permit adhesion of paint. (B) The damaged component(s) must be restored as close as possible to original size and profile. (C) Welds must be examined using radiographic or magnetic particle non-destructive testing equipment. (D) Replacement steel components must be painted with coating compatible with that originally applied to the container.</p> <p>14. Where should the reference line be placed in order to determine repairworthiness of a crossmember flange that is bent upwards?</p> <p>(A) Along the inside lower formed edge of the crossmember (B) Spaced out from the crossmember web (C) On the outermost flange surface along the full crossmember length (D) No measurement is necessary.</p> <p>15. The damaged top rail X below is to be repaired by sectioning. Care must be taken to ensure that damage area X is NOT cut less than a minimum of</p> <p>(A) 50 mm (2 in) (B) 100 mm (4 in) (C) 150 mm (6 in) (D) 200 mm (8 in)</p>  <p>The diagram shows a cross-section of a container's top rail assembly. It consists of a top horizontal rail and a bottom horizontal rail, both supported by a series of vertical crossmembers. The top rail is shown with a localized downward deformation. A horizontal line labeled 'X' spans across the top rail, indicating the area to be sectioned for repair. The crossmembers are represented by vertical lines of varying lengths, with the longest ones at the ends of the rail section.</p> <p>16. Rework of previously straightened panels is required when</p> <p>(A) evidence of considerable hammer marks is present (B) the owner's policy requires repair (C) the straightened area is an incorrect color (D) original profile of the corrugation is changed</p>
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<p>17. Door gaskets that are cut may be repaired by using cyanoacrylate adhesives to bond together the cut edges of the gasket, PROVIDED</p> <p>(I) No gasket material is missing (II) The cut edges of the gasket mate together (III) The cyanoacrylate adhesive will fill voids that exist at the joint</p> <p>(A) I only (B) I and II only (C) II and III only (D) I, II and III</p> <p>18. With wooden flooring, height variance between adjacent planks or panels is limited to</p> <p>(A) 5 mm (3/16 in) (B) 10 mm (3/8 in) (C) 15 mm (9/16 in) (D) 20 mm (3/4 in)</p> <p>19. In the <i>Guide for Container Damage Measurement</i>, IICL recommends a standardized procedure using set "reference dimensions" to determine if panel bows exceed ISO tolerances plus an additional IICL tolerance. The reference dimension for an outward bow in a side panel is</p> <p>(A) 5 mm (3/16 in) (B) 10 mm (3/8 in) (C) 13 mm (1/2 in) (D) 18 mm (11/16 in)</p> <p>20. Each of the following components has a single 30 mm (1¼ in) dent. Which one requires repair?</p> <p>(A) Corner post (B) Door panel (C) Roof bow (D) Bottom side rail</p>	<p>21. For which of the following repairs does IICL recommend the use of pre-blasted steel?</p> <p>(A) Sectioning of a tube-type top side rail 3 m (10 ft) in length (B) Replacement of a side panel 122 x 244 cm (4 X 8 ft) (C) Inserting of a front corner post 182 cm (6 ft) in length on a high-cube container (D) Full exterior container refurbishment</p> <p>22. When heat is used to straighten a corner post, the damaged area should be heated no more than</p> <p>(A) 550°C (1022°F) (B) 650°C (1200°F) (C) 750°C (1300°F) (D) 850°C (1560°F)</p> <p>23. Component X in the diagram below is</p> <p>(A) Marking panel (B) Top rail (C) Ventilator (D) Door hinge</p> <p>24. Component Y in the diagram below is</p> <p>(A) Outrigger (B) Crossmember (C) Center spacer (D) Side rail</p>
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ANSWERS TO SAMPLE QUESTIONS:

1.	A	7.	B	13.	C	19.	D
2.	C	8.	B	14.	D	20.	A
3.	B	9.	C	15.	C	21.	B
4.	A	10.	C	16.	B	22.	B
5.	C	11.	C	17.	B	23.	C
6.	B	12.	B	18.	A	24.	C

SAMPLE ANSWER SHEET

SAMPLE ONLY
INSTITUTE OF INTERNATIONAL CONTAINER LESSORS
CONTAINER INSPECTOR EXAMINATION

IMPORTANT MARKING INSTRUCTIONS

- Erase clearly any answer you wish to change.
- Do not use ballpoint pen, felt tip pen, or any other marking device that will fill the circle completely.
- Use black lead (No. 2) pencil.
- Do not use ink.
- Make sure you fill the circle completely.

REGISTRATION NUMBER

0	1	7	9	8
●	●	●	●	●
1	2	3	4	5
6	7	8	9	0

CENTER NUMBER

1	2	3	4
●	●	●	●
5	6	7	8
9	0	1	2

NAME

FAMILY (SURNAME) LAST NAME		FIRST (GIVEN)	
S	M	J	O
A	I	H	H
A	C	A	A
A	C	C	C
A	C	E	E
A	C	F	F
A	C	G	G
A	C	H	H
A	C	I	I
A	C	J	J
A	C	K	K
A	C	L	L
A	C	M	M
A	C	N	N
A	C	O	O
A	C	P	P
A	C	Q	Q
A	C	R	R
A	C	S	S
A	C	T	T
A	C	U	U
A	C	V	V
A	C	W	W
A	C	X	X
A	C	Y	Y
A	C	Z	Z

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NATIVE LANGUAGE

ENGLISH NON-ENGLISH


Signature: John Smith


Date: 5/2/98

U.S.A. (C119)

INSTRUCTIONS:

- Do not use ballpoint pen or felt tip pen
- Do not fold or bend the form
- Please erase mistakes fully
- Please make no stray marks on the sheet

Please MARK LIKE THIS: 

NOT LIKE THIS: 

- 1 (A)(B)(C)(D) 11 (A)(B)(C)(D) 21 (A)(B)(C)(D) 31 (A)(B)(C)(D) 41 (A)(B)(C)(D)
- 2 (A)(B)(C)(D) 12 (A)(B)(C)(D) 22 (A)(B)(C)(D) 32 (A)(B)(C)(D) 42 (A)(B)(C)(D)
- 3 (A)(B)(C)(D) 13 (A)(B)(C)(D) 23 (A)(B)(C)(D) 33 (A)(B)(C)(D) 43 (A)(B)(C)(D)
- 4 (A)(B)(C)(D) 14 (A)(B)(C)(D) 24 (A)(B)(C)(D) 34 (A)(B)(C)(D) 44 (A)(B)(C)(D)
- 5 (A)(B)(C)(D) 15 (A)(B)(C)(D) 25 (A)(B)(C)(D) 35 (A)(B)(C)(D) 45 (A)(B)(C)(D)
- 6 (A)(B)(C)(D) 16 (A)(B)(C)(D) 26 (A)(B)(C)(D) 36 (A)(B)(C)(D) 46 (A)(B)(C)(D)
- 7 (A)(B)(C)(D) 17 (A)(B)(C)(D) 27 (A)(B)(C)(D) 37 (A)(B)(C)(D) 47 (A)(B)(C)(D)
- 8 (A)(B)(C)(D) 18 (A)(B)(C)(D) 28 (A)(B)(C)(D) 38 (A)(B)(C)(D) 48 (A)(B)(C)(D)

FILL IN ONE LETTER PER QUESTION. ANSWER ALL QUESTIONS. SCORE BASED ON NUMBER OF QUESTIONS ANSWERED CORRECTLY.

- 52 (A)(B)(C)(D) 62 (A)(B)(C)(D) 72 (A)(B)(C)(D) 82 (A)(B)(C)(D) 92 (A)(B)(C)(D)
- 53 (A)(B)(C)(D) 63 (A)(B)(C)(D) 73 (A)(B)(C)(D) 83 (A)(B)(C)(D) 93 (A)(B)(C)(D)
- 54 (A)(B)(C)(D) 64 (A)(B)(C)(D) 74 (A)(B)(C)(D) 84 (A)(B)(C)(D) 94 (A)(B)(C)(D)
- 55 (A)(B)(C)(D) 65 (A)(B)(C)(D) 75 (A)(B)(C)(D) 85 (A)(B)(C)(D) 95 (A)(B)(C)(D)
- 56 (A)(B)(C)(D) 66 (A)(B)(C)(D) 76 (A)(B)(C)(D) 86 (A)(B)(C)(D) 96 (A)(B)(C)(D)
- 57 (A)(B)(C)(D) 67 (A)(B)(C)(D) 77 (A)(B)(C)(D) 87 (A)(B)(C)(D) 97 (A)(B)(C)(D)
- 58 (A)(B)(C)(D) 68 (A)(B)(C)(D) 78 (A)(B)(C)(D) 88 (A)(B)(C)(D) 98 (A)(B)(C)(D)
- 59 (A)(B)(C)(D) 69 (A)(B)(C)(D) 79 (A)(B)(C)(D) 89 (A)(B)(C)(D) 99 (A)(B)(C)(D)
- 60 (A)(B)(C)(D) 70 (A)(B)(C)(D) 80 (A)(B)(C)(D) 90 (A)(B)(C)(D) 100 (A)(B)(C)(D)



Types of English Words and Phrases Used in the 2012 Examination

(FOR NON-ENGLISH SPEAKERS)

IICL has provided the English phrases below in order to assist candidates whose native language is not English in understanding the questions in the Container Inspector's Examination. Such candidates are also strongly advised to study closely the language used in the IICL manuals required for the examination. Please note that not all these expressions may be used in any one examination in any particular year; the phrases represent the general kind of language used in multiple-choice technical examinations. The phrases do **not** illustrate the type or extent of *container information* that will be tested; for review of manual and exam content, candidates should refer to the appropriate section of this Bulletin.

1. Which of the following...?	12. All of the following needs repair/are is acceptable/are correct EXCEPT...
2. Which of the following statements is true...is NOT true...is false?	13. Which of the following factors is most important?
3. All of the following are true EXCEPT...	14. Under what circumstances...conditions?
4. All of the above...none of the above.	15. In which of the following situations...?
5. Which of the following components (if any) must be repaired...should be repaired...is to be repaired... requires repair... would require repair...needs repair...would need repair..?	16. Correct steps in the repair/inspection of a container include...
6. Which of the following does NOT require repair... would NOT require repair...does NOT need to be repaired...does NOT need correction?	17. What is the principal difference between...?
7. Which of the following container defects...forms of damage...types of damage ...examples...	18. What type of substance...material...tools...?
8. Which of the following must be corrected... should be corrected...is acceptable...would be acceptable... would be considered acceptable?	19. Part X is the diagram above/below is called...?
9. Which of the following procedures/steps...is recommended by IICL...is appropriate... would be appropriate...is permitted...would be permitted/allowed/must be used/followed?	20. A defect must be repaired if it measures more than...
10. All of the following containers have sustained damage. Which would need repair...would NOT need repair...has repairworthy damage...?	21. What is the minimum criterion/criteria... length...width... distance...clearance between...?
11. Which of the following is NOT acceptable... would NOT be acceptable...would NOT be allowed...would NOT be permitted?	22. What is the maximum length...width...time?
	23. The following component/material/tool is defined as...
	24. According to IICL criteria/recommendations...
	25. Where should a reference line be placed if...? What method should be used to measure...?