

CFS TRAINING (MITAGS) CONTAINER REFRIGERATION REGISTRATION FORM

THE FOLLOWING NAMES ARE SUBMITTED AS CANDIDATES FOR TRAINING AT THE CARRIER-ILA CONTAINER FREIGHT STATION TRUST FUND CRANE TRAINING SCHOOL IN LINTHICUM HEIGHTS, MARYLAND. IT IS UNDERSTOOD THAT THE COMPANY HEREUNDER NAMED WILL BE RESPONSIBLE FOR THE WAGES AND FRINGES OF THESE CANDIDATES AND THAT THE COMPANY WILL BE THE EMPLOYER. WAGES (ONLY) TO A MAXIMUM OF 80 HOURS STRAIGHT TIME WILL BE REIMBURSED BY THE CFS FUND UPON SUCCESSFUL COMPLETION OF THE COURSE.

TYPE OF TRAINING CLASS CONTAINER REFRIGERATION	CLASS DATES	PORT	EMPLOYER	
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LEGAL FIRST NAME (NO NICKNAMES)	FULL MIDDLE NAME	LAST NAME	SUFFIX (JR., SR., III)	PLANE TICKETS?
STREET ADDRESS	CITY/STATE/ZIP	HOME AIRPORT (IF FLYING)	DATE OF BIRTH	
HOME PHONE	CELL PHONE	E-MAIL		

LEGAL FIRST NAME (NO NICKNAMES)	FULL MIDDLE NAME	LAST NAME	SUFFIX (JR., SR., III)	PLANE TICKETS?
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HOME PHONE	CELL PHONE	E-MAIL		

PLEASE RETURN TO KIM PEREZ AT USMX BY E-MAIL: kperez@usmx.com OR BY FAX: 732-750-0587 PHONE: 732-404-2966

PRINTED NAME OF CONTACT PERSON PHONE COMPANY/ASSOCIATION DATE

SIGNATURE OF CONTACT PERSON E-MAIL FAX



Maritime Institute of Technology & Graduate Studies (MITAGS)

CONTAINER REFRIGERATION COURSE

Course Framework

Scope:

This is a two-week course, which includes a mix of classroom lectures related to the theory of mechanical refrigeration systems and practical training related to operation, servicing, and trouble-shooting typical Marine Container Refrigeration Units. The first week is devoted to theory and the second week is devoted to practical training on Reefer Container Units including procedures involving operation, servicing, diagnostics, and troubles. Specifically the course covers the following topics:
Safety Procedures, Heat Transfer Fundamentals, Mechanical Refrigeration Cycle, System Operations & Diagnosis, Electrical/electronic Systems, Power Generator Sets, Practical diagnostics & trouble-shooting.

Objectives:

Through classroom instruction and practical (hands-on) training provide the attendee with the training, knowledge, basic skills, and ability to effectively operate, service, and maintain typical Marine Container Refrigeration Units.

The students will also be given the opportunity to receive a universal refrigerant recovery Certificate from the EPA.

Entry Standards:

Open to personnel with a mechanical aptitude, ability, or background who wish to acquire knowledge and understanding of the operation, servicing, and repair of typical Marine Container Refrigeration Units.

Because of the technical nature of subject matter, a high school education as a minimum, although not a prerequisite, is highly recommended.

Certificate and/or Documentation:

Upon satisfactory completion of the course a certificate will be awarded certifying that the holder has successfully completed the course meeting the knowledge and skills standards. A minimum overall grade average of 70% must be achieved to receive a certificate.

The student must also pass a hands-on examination of the equipment. Students unable to attain 70% will only receive a letter of attendance.

Class Limitations:

Maximum Class Size: 8
Student-Teacher Ratio: 8 to 1

Specific Staff Requirements:

The instructor in charge should have a Bachelor of Science Degree in Marine and/or Mechanical Engineering or equivalent practical knowledge and experience. Industry or field experience in the operation and maintenance of typical of specific types of Container Refrigeration Units used in the commercial maritime industry.

Teaching Facilities and Equipment:

A classroom of adequate size to accommodate an instructor's desk and desks or tables with chairs to accommodate twelve (12) student/trainees is required. There should also be adequate space for several workbenches in order to utilize test equipment and for the display/demonstration of training aids and mockups.

Course Equipment:

- Carrier container refrigeration unit
- Thermo-King refrigeration unit
- Thermo-King Diesel Gen-Set
- Total claim refrigerant recovery unit
- Electrical test instruments
- Refrigeration test equipment

Teaching Aids

- T1 Carrier transport refrigeration study guide
- T2 Thermo-King study guide
- T3 Carrier & Thermo-King operating manuals
- A1 Chalk board
- A2 Overhead projector

(Special note – Throughout the course safe working practices are to be clearly identified and emphasized, especially during the practical training sessions, involving the use of tools, test instruments, and high-voltage equipment. The instructor is responsible for supervising all activities during these sessions, insuring that all work is accomplished in a safe manner to avoid injury to personnel and damage to equipment.)



CONTAINER FREIGHT STATION (CFS) TRUST FUND



TRAINING GUIDELINES

REVISED September 8, 2022

PREVIOUS REVISION November 20, 2019

REIMBURSABLE TRAINING ITEMS

PAYROLL TAXES & INSURANCE

STRAIGHT TIME WAGES FOR TRAINEES*

STRAIGHT TIME WAGES FOR TRAINERS*

STRAIGHT TIME WAGES FOR CLASSROOM INSTRUCTORS*

****LIMITED TO 8 HOURS PER 24-HOUR PERIOD***

REASONABLE FEES FOR CONSULTANTS

TRAVEL EXPENSES TO AND FROM MITAGS

BOARDING AND MEALS @ MITAGS

TRAVEL EXPENSES FOR SPECIAL TRAINING (AUTHORIZATION REQUIRED)

NON-REIMBURSABLE TRAINING ITEMS

ANY FRINGE BENEFIT CONTRIBUTIONS

OVERTIME/MEAL HOURS/TRAVEL TIME FOR TRAINEES

OVERTIME/MEAL HOURS/TRAVEL TIME FOR TRAINERS

OVERTIME/MEAL HOURS FOR CLASSROOM INSTRUCTORS

LABOR GUARANTEES

RENTAL OF EQUIPMENT

MAINTENANCE (IF ANY) OF RENTAL EQUIPMENT

RENT (LAND OR OFFICE)

UTILITY BILLS

OFFICE SUPPLIES

TRAVEL EXPENSES AND MEALS FOR TRAINERS OR CONSULTANTS

MEDICAL TRAINING EXPENSES (FIRST AID, CPR, ETC.)

– ORIENTATION OR PIT PHYSICALS (NEW ENTRY)

TRAINING MATERIALS (PURCHASED OR DEVELOPMENT)

TRAINING OF NON-ILA PERSONNEL

- PAYROLL REQUIRED FOR ALL TRAINING
- EXCEL TRAINING INVOICE SUMMARY FORM REQUIRED
- ALL TRAINING MUST BE JOB SPECIFIC
- REIMBURSEMENT REQUEST MUST BE MADE IN A TIMELY MANNER