

REFRIGERATION OPERATOR FOR RECREATION FACILITIES

LEVEL 2

AGENDA

Times are subject to change to meet student's needs

Day 1 – Monday

8:00am – 8:30am	Registration
8:30am – 10:00am	Syllabus Review, Homework Acts & Regulations Review Thermodynamics (Chapter 3)
10:00am – 10:30am	BREAK
10:30am – 12:00pm	Thermodynamics (Chapter 4) Basic Systems Review & Direct vs Indirect Welding Methods & Processes (Chapters 6&7)
12:00pm – 12:30pm	LUNCH
12:30pm – 2:00pm	Compressors (Chapter 23) Heat Exchangers (Chapter 24) Cooling Towers & Legionnaires (Chapter 25)
2:00pm – 2:30pm	BREAK
2:30pm – 5:00pm	Metering Devices – TXV Operation (Chapter 26) Accessories (Chapter 27) Refrigeration Cycle Controls (Chapter 28)

Day 2 – Tuesday

8:00am – 8:30am	Test Writing Tips
8:30am – 9:00am	Progress Test 1
9:00am – 10:00am	System Pre-Start (Chapter 29)
10:00am – 10:30am	BREAK
10:30am – 12:00pm	System Operation (Chapter 30) Lubrication (Chapter 12) Review Test 1
12:00pm – 12:30pm	LUNCH
12:30pm – 2:00pm	Refrigerant Properties – Review (Chapter 19) Leak Test Demo Intro to Electricity – Review - Objective 2/6 (Chapter 18) Motor Starters Electrical & Mechanical Dwgs – Review & Discussion
2:00pm – 2:30pm	BREAK
2:30pm – 5:00pm	Fires & Extinguishing Media – Objective 1/2 (Chapter 14) Portable Fire Extinguishers (Chapter 15) Building Safety (Chapter 16) First Aid & CPR (Chapter 17)

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April 9 – 13, 2018

Day 3 – Wednesday

8:00am – 8:30am

8:30am – 10:00am

10:00am – 10:30am

10:30am – 12:00pm

12:00pm – 12:30pm

12:30pm – 2:00pm

2:00pm – 2:30pm

2:30pm – 5:00pm

Progress Test 2

Absorption Ref Systems (Chapter 22)

Absorption System Operation & Maintenance – Objective 1 (Chapter 31)

Psychrometric Properties of Air (Chapter 32)

BREAK

Application of the Psych Chart (Chapter 33)

Basic WHMIS

Review Test 2

Lunch

Fans – Objective 1/2/4/5 (Chapter 34)

Coil Types – Objective 1 (Chapter 38)

Evap Defrost Methods

Air Conditioning Systems 1 (Chapter 40)

BREAK

Plant Tour/Study Session

Day 4 – Thursday

8:00am – 8:30am

8:30am – 10:00am

10:00am – 10:30am

10:30am – 12:00pm

12:00pm – 12:30pm

12:30pm – 1:30pm

1:30pm – 3:30pm

Progress Test 3

Troubleshooting

BREAK

Troubleshooting

Academic supplement

Review Test 3

Lunch

Course Review

Level 2 Exam

Day 5 – Friday

8:00am – 10:00am

10:00am – 10:30am

10:30am – 11:00am

11:00am – 11:30 pm

11:30 pm – 12:00pm

12:00 pm - 12:30 pm

12:30 pm – 1:00 pm

1:00pm – 4:30pm

Review Level 2 Exam

BREAK

Review Level 2 Exam cont.

Review B52 code

Open discussion

LUNCH

Study Time

OFC Exam Registration

OFC Exam

Note:

Test Values

% of final mark

Test #1 (/30)

15%

Test #2 (/30)

15%

Test #3 (/30)

20%

Level 2 Exam (/100)

50%