

Advanced Refrigeration



Live-Online Training, BITZER Kühlmaschinenbau GmbH



Course Schedule - Calendar week 16/2024

Training leadership: Dipl.-Ing. (FH) Marco Fix, TWK

Monday, 15.04.

09:00	M. Fix	Welcome, general remarks BITZER Kühlmaschinenbau and TWK
		subseq.
		Review of the refrigerant circuit
		lg p, h-diagram
10:00	<i>Break</i>	
10:10	M. Fix	Exercises and examples for the lg p, h-diagram
11:00	<i>Break</i>	
11:10	M. Fix	Exercises and examples for the lg p, h-diagram
12:00	<i>Lunch break</i>	
12:40	M. Fix	Commissioning of a refrigeration system
13:40	<i>Break</i>	
13:50	M. Fix	Commissioning of a refrigeration system
		Troubleshooting a refrigerant circuit
14:50	<i>Break</i>	
15:00	M. Fix	Troubleshooting a refrigerant circuit
16:00		End of first day

Tuesday, 16.04.

09:00	M. Fix	Discussion of homework, open questions
10:00	<i>Break</i>	
10:10	M. Fix	Components (filter dryer, sight glass, liquid receiver, suction accumulator, oil separator, safety devices, solenoid valve, check valve)
11:00	<i>Break</i>	
11:10	M. Fix	Components (filter dryer, sight glass, liquid receiver, suction accumulator, oil separator, safety devices, solenoid valve, check valve)
12:00	<i>Lunch break</i>	
12:40	M. Fix	Components (filter dryer, sight glass, liquid receiver, suction accumulator, oil separator, safety devices, solenoid valve, check valve)
		Refrigerants (classification, properties, environmental issues)
13:40	<i>Break</i>	
13:50	M. Fix	Refrigerants (classification, properties, environmental issues)
14:50	<i>Break</i>	
15:00	M. Fix	Refrigerants (classification, properties, environmental issues)
15:30	M. Fix	Discussion of open questions
16:00		End of training