

Basics and Advanced Refrigeration



On Site Training, BITZER Kühlmaschinenbau GmbH



Course Schedule - Calendar week 26/2024

Training leadership:	N.N.		
Monday, 24.06			
09:00	N.N.	Welcome, general remarks	
ensuing	N.N.	Basics of thermodynamics	
10:00	<i>coffee break</i>		
10:20	N.N.	Structure and operational principles of refrigeration-systems	
11:40	<i>lunch break</i>		
12:30	N.N.	Superheat, subcooling	
14:40	<i>coffee break</i>		
15:00	N.N.	Measurements on different laboratory models	
16:30	<i>End of first day</i>		
Tuesday, 25.06			
08:00	N.N.	Homework, open questions	
ensuing	N.N.	Evaporator	
09:35	<i>coffee break</i>		
09:55	N.N.	Evaporator, condenser Expansion device	
11:40	<i>lunch break</i>		
12:30		<i>Laboratory exercise group 1</i>	<i>Laboratory exercise group 2</i>
		N.N.	N.N.
		Expansion device	Evaporator, condenser
	<i>20 minutes coffee break between 14:15 and 15:00</i>		
16:30	<i>End of second day</i>		
Wednesday, 26.06			
08:00	N.N.	Homework, open questions	
ensuing	N.N.	Compressor	
09:35	<i>coffee break</i>		
09:55	N.N.	Compressor Components of the refrigeration-systems	
11:40	<i>lunch break</i>		
12:30		<i>Laboratory exercise group 1</i>	<i>Laboratory exercise group 2</i>
		N.N.	N.N.
		Evaporator, condenser	Expansion device
	<i>20 minutes coffee break between 14:15 and 15:00</i>		
16:30	<i>End of third day</i>		
Thursday, 27.06			
08:00	N.N.	Homework, open questions	
ensuing	N.N.	Introduction troubleshooting	
09:35	<i>coffee break</i>		
09:55	N.N.	Introduction commissioning/Service	
11:40	<i>lunch break</i>		
12:30		<i>Laboratory exercise group 2</i>	<i>Laboratory exercise group 1</i>
		N.N.	N.N.
		Commissioning/Service	Troubleshooting
	<i>20 minutes coffee break between 14:15 and 15:00</i>		
16:30	<i>End of fourth day</i>		
Friday, 30.06			
08:00	N.N.	Homework, open questions	
ensuing	N.N.	Refrigerants	
09:35	<i>coffee break</i>		
09:55		<i>Laboratory exercise group 2</i>	<i>Laboratory exercise group 1</i>
		N.N.	N.N.
		Troubleshooting	Commissioning/Service
11:40	<i>lunch break</i>		
12:30		Continuation laboratory exercise	
13:15	N.N.	Discussion of open questions	
13:30	<i>End of training</i>		