

PKBR – Basics of Refrigeration and Heat Pumps



Course Schedule - Calendar week xx/202

Location: TWK GmbH, Stutensee, Germany

Training leadership: N.N.

1.day

09:00	N.N.	Welcome, general remarks
subseq.	N.N.	Basics of thermodynamics
09:50	<i>Break</i>	
10:10	N.N.	Structure and operational principles of the refrigerant circuit
11:40	<i>Lunch break</i>	
12:30	N.N.	Superheat, subcooling
13:55	<i>Break</i>	
14:05		<i>Laboratory</i>
	N.N.	Heat exchangers
		<i>10 minutes break between 14:50 and 15:20</i>
16:30		End of first day

2.day

08:00	N.N.	Discussion of homework, open questions
subseq.	N.N.	Components of the refrigerant circuit (compressor, evaporator, condenser, expansion valve)
09:50	<i>Break</i>	
10:10	N.N.	Components of the refrigerant circuit (compressor, evaporator, condenser, expansion valve)
11:40	<i>Lunch break</i>	
12:30	N.N.	Further components of the refrigerant circuit
13:40	<i>Break</i>	
13:50		<i>Laboratory exercise</i>
	N.N.	Compressors and throttle devices
		<i>10 minutes break between 14:50 and 15:20</i>
16:15		Discussion of open questions
16:30		End of training