

PRBA – Basics and Advanced Refrigeration

On Site Training, BITZER Kühlmaschinenbau GmbH



Course Schedule - Calendar week xx/20xx

Training leadership: N.N.

Day 1

09:00 N.N. Welcome, general remarks
ensuing N.N. Basics of thermodynamics
10:00 *Coffee break*
10:20 N.N. Structure and operational principles of the refrigerant cycle
11:40 *Lunch break*
12:30 N.N. Superheat, subcooling
14:40 *Coffee break*
15:00 N.N. Measurements on different laboratory models
16:30 *End of first day*

Day 2

08:00 N.N. Discussion of homework, open questions
ensuing N.N. Evaporator
09:35 *Coffee break*
09:55 N.N. Evaporator, condenser
Expansion device
11:40 *Lunch break*
12:30 *Laboratory exercise group 1* *Laboratory exercise group 2*
N.N. N.N.
Expansion device Evaporator, condenser
20 minutes coffee break between 14:15 and 15:00
16:30 *End of second day*

Day 3

08:00 N.N. Discussion of homework, open questions
ensuing N.N. Compressor
09:35 *Coffee break*
09:55 N.N. Compressor
Components of the refrigerant cycle
11:40 *Lunch break*
12:30 *Laboratory exercise group 1* *Laboratory exercise group 2*
N.N. N.N.
Evaporator, condenser Expansion device
20 minutes coffee break between 14:15 and 15:00
16:30 *End of third day*

Day 4

08:00 N.N. Discussion of homework, open questions
ensuing N.N. Introduction to troubleshooting
09:35 *Coffee break*
09:55 N.N. Introduction to commissioning/service
11:40 *Lunch break*
12:30 *Laboratory exercise group 2* *Laboratory exercise group 1*
N.N. N.N.
Commissioning/service Troubleshooting
20 minutes coffee break between 14:15 and 15:00
16:30 *End of fourth day*

Day 5

08:00 N.N. Discussion of Homework, open questions
ensuing N.N. Refrigerants
09:35 *Coffee break*
09:55 *Laboratory exercise group 2* *Laboratory exercise group 1*
N.N. N.N.
Troubleshooting Commissioning/service
11:40 *Lunch break*
12:30 Continuation of the laboratory exercises
13:15 N.N. Discussion of open questions
13:30 *End of training*