Installation, commissioning, operation and maintenance of Chiller unit PTK-REF-35

Details

| Course Type: Audience: | Instructor Led Course Service engineers or service technicians with basic knowledge and experience within industrial refrigeration. |
|---------------------------|--|
| Duration: | 3 days |
| Location: | Holme, Denmark |
| Language: | EN |
| Registration: | No later than 4 weeks in advance. |
| Training dates: | See dates on our web site. |
| Price: | € 1200 |

Objective of the course

Learn the trainees:

- How to perform a safe and efficient start-up and commissioning of chiller units.
- Trouble shooting on the specific chiller equipment.

Provide the trainees with:

- Relevant background information and the newest knowledge.
- Materials and tools to conduct (local) on-the-job training.
- Bring your own safety shoes, as the course is inside the factory area

Program

- Introduction to SAB Chillers
- Check of installation and connections
- Check of the unit's components
- Check and calibration of sensors
- Evacuation and charge
- Documentation and certificates
- Use of manuals and parts lists
- Safety aspects in service operating manual



3 days training plan

| TOPICS | | |
|--|--------------------------|----------------------------------|
| Welcome/intro to Johnson Controls | Commissioning | Compressor types and differences |
| Your expectations to the course | Commissioning | |
| | | |
| Basic compressors (screw & reciprocating) | Controls of units | Controls of compressors |
| | | |
| Basic compressors (screw & reciprocating) | Safety with refrigerants | Safety with refrigerants |
| | | |
| Factory tour | Preventive maintenance | Preventive maintenance |
| Factory tour | Evaluation of the course | Evaluation of the course |
| | | |

Daily training is from 8.30am to 4pm.

Lunch from 11.45am to 12.30pm + coffee/tea and break snacks are included in the price of the course.

Training coordinator

Kenneth Boetius Senior Lead Training Specialist Johnson Controls, Holme (Denmark)

Participants subscribe for courses by email to sabroelearning@jci.com

NOTE! Please bring your own safety shoes. Safety glasses and working coats will be available on site.

Payment details

Customer Learning Center entity number (Hyperion Code) is: 213. P/O Address is: Johnson Controls Scandinavia PO Box 298 814 99 Bratislava 1 Slovakia

Registration notes

The Customer Learning Center reserves the right to call out the course if there are no sufficient participants backing it up. Before booking any trips or accommodations, please make sure the course is confirmed. To do so, please contact us at <u>sabroelearning@jci.com</u>

Cancellation policy

You are allowed to cancel your registration 4 weeks before the beginning of the training. If you do cancel after this period your entity will still be charged 50% of the training cost.

No shows (without proper cancellation through the Learning Network) will still be entitled to pay 100% of the training cost; exceptions could apply due to force majeure causes.

Please be also aware that to avoid cancellation penalties, your entity always has the option of placing somebody else in your place. Proper notification to the Customer Learning Center is required for this purpose.

Travel and stay

Please make sure to book your hotel, travel and transport!

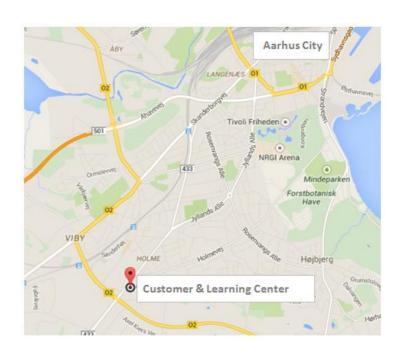
We foresee coffee breaks, lunches, training materials and certificates.

Travel and stay are not included in the course cost.

- Nearest airports are:
 - Billund <u>www.bll.dk</u> Connection to most European airports
 - Aarhus <u>www.aar.dk</u>
 - Aalborg <u>www.aal.dk</u>
 - Transport from the airports to Billund and Aarhus are by bus, taxi or rental car.
- Currency in Denmark is DKK/Danish Crowns. Please note that Euros are normally not accepted.
- Common credit cards like MasterCards, Visa etc. are accepted in most places, but not in public busses.

Course Location

Customer & Learning Center Christian X's Vej 201 8270 Hoejbjerg, Holme Denmark



Summary Logistics for JCI Customer & Learning Center, DK - For your visit

| Venue address | Christian X's Vej 201 |
|------------------------|--|
| venue address | 8270 Hoejbjerg, Holme |
| | Denmark |
| | Definitativ |
| | +4587367000 |
| On-site contact person | Kenneth Boetius |
| | Kenneth.Romeo.Boetius@jci.com |
| | 0045 2550 7360 |
| Distances to venue | From Aarhus airport: 80 km (45 min drive) |
| | From Billund airport: 90 km (1hr drive) |
| | From Aalborg airport: 130 km (1hr30 min drive) |
| | From Aarhus city center: 7 km (15 min drive) |
| | From Aarhus station: 7 km (15 min drive) |
| Hotel | Radisson BLU Scandinavia Hotel |
| | www.radissonhotels.com/denmark/aarhus |
| | Margrethepladsen 1, 8000 Aarhus C |
| | Phone: 0045 86 12 86 65 |
| Hotel | Hotel Scandic Aarhus City |
| | www.scandicaarhuscity.guestreservations.com |
| | Østergade 10, 8000 Aarhus C |
| | Phone: 0045 89 31 81 00 |
| Hotel | Comwell Aarhus |
| | www.comwell.com/hoteller/comwell-hotel-aarhus |
| | Værkmestergade 2, 8000 Aarhus C |
| | Phone: 0045 86 72 80 00 |
| Hotel | Helnan Marselis Hotel |
| | www.helnan.dk/marselis |
| | Strandvejen 25, 8000 Aarhus C |
| | Phone: 0045 86 14 44 11 |
| Hotel | Scandic Aarhus Vest |
| | www.scandichotels.dk/hoteller/danmark/aarhus/scandic-aarhus- |
| | vest |
| | Rytoften 3, 8210 Aarhus V |
| Hotel | Cabinn Hotel |
| | www.cabinn.com |
| | Kannikegade 14, 8000 Aarhus C |
| | Phone: 0045 86 75 70 00 |
| Hotel | Zleep Hotel Aarhus South (nearest hotel) |
| | www.zleep.com/da/hotel/aahus-viby |
| | Viby Ringvej 4, 8260 Viby J |
| | Phone: 0045 70 23 56 35 |
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