

Bezirksregierung Köln  
EU-Geschäftsstelle  
Zeughausstraße 2-10  
50667 Köln

## **Plant mechanic for sanitary, heating and air conditioning systems (m/f):**

### **1. Legal name of the programme**

Adolf-Kolping-Berufskolleg

According to the „Berufsbildungsgesetz“, the relevant German law for vocational training, this is an officially recognized further vocational training program.

Ina-Seidel-Straße 11  
50169 Kerpen-Horrem

### **2. Duration**

As a rule the training course is 3,5 years long. It is (in rare cases) possible to reduce the duration to 3 or 2,5 years. The reduction is decided upon in each individual case by the Chamber of Craft Trade based on the educational background of the trainee.

### **3. Liability to charges (free or restrictions)**

The training is free of charge.

### **4. Position of national vocational training system (initial or further education)**

Usually the vocational training (as a first vocational training) follows a fulltime education in secondary school (first phase or second/advanced phase). The trainees come either from general educational schools or from vocational schools.

At the beginning of their training the trainees usually are between 16 and 21 years old.

### **5. Learning Locations (school, company, practical training)**

- Company: The respective training company (24 week/year)
- School: Vocational school (3-4 time blocks/year of 3-4 weeks/block)
- Locations apart from the companies: Locations for teaching contents relevant for the company which cannot/can hardly be taught in the respective company (further training/courses of instruction by the Vocational Training Center; 6 weeks/year)

## 6. Organisation responsible for this VET-programme (chamber, government...)

Further development is a common task of the organizations of employers, the Chambers of Craft Trade, the Federal Institute of Vocational Training (“Bundesinstitut für Berufsbildung”) and – as concerns the schools – the “Conference of the Ministers of the Arts and Culture” as well as the responsible departments for schools in the federal states.

## 7. Preliminary to take part

From a legal point of view there are no preconditions to start a training course for this job.

A higher level of school education makes it possible to shorten the training from 3,5 to 3 years or even a minimum of 2,5 years. This is, however, always a decision in an individual case.

## 8. Additional competences which are part of this program

Additional competences are

- German/Communication
- English Language
- Politics/Social Studies
- Sports

## 9. Examinations

In the course of the training there is one obligatory intermediate examination taking place in the middle of the training programme as well as the obligatory final examination at its end.

### Intermediate Examination

Participation in the intermediate examination is precondition for being admitted to the final examination and serves to ascertain the level of skills reached so far. The examination takes 8 hours and belongs to processing a customer sales order practically. The examination also includes an expert discussion of 15 minutes based on the theoretical content concerning to the customer sales order.

After the examination the trainees receive a certificate of attendance. There is no marking and no significance of the result of this examination for the final mark.

## Final Examination

The final examination is governed by public law and consists of a theoretical and practical exam.

The practical part takes maximum 19 hours and belongs to processing a customer sales order plus an expert discussion of maximum 20 minutes based on the theoretical content concerning to the customer sales order and general expert knowledge.

The theoretical part takes 300 minutes and consists of 3 subject areas: 1. Work management, 2. Plant analysis, 3. Economics and social studies. All subjects are examined in written form. In examination subject 1. and 2. 100 points and in subject 3. 50 points can be reached.

## 10. Persons/Organisations responsible for the examinations

The practical part of the final examination is planned by the Audit Committee of the Guild for Sanitation, Heating and Air Conditioning.

The theoretical part is planned by the Professional Association for Sanitation, Heating and Air Conditioning. It is a central audit for all candidates in North Rhine-Westphalia.

## 11. Certificates

1. The “HWK-Prüfungszeugnis” (= the examination certificate of the Chamber of Craft Trade) as a document proving the successful completion of the training
2. A certificate of the vocational school as a documentation of school attendance

## 12. What the certificates entitle to...

The certificate entitles to

- Bear the title “Plant mechanic for sanitary, heating and air conditioning systems” and to practise this job

## 13. EQF or rather NQF level

Level 4