



Please insert here at least one **PHOTO** of your traineeship stay abroad! Preferred motives are photos of your accommodation, of your work place, of being at work. Attention! Due to legal considerations we kindly ask you to send us only photos that have been taken by yourself!



STUDENT DETAILS

University department / faculty: **Wasser und Kreislaufwirtschaft, Fachbereich Wasse**
Field of study: **Water Engineering**
Home university: **Hochschule Magdeburg-Stendal (MD)**
Nationality: **Iran**
Duration of traineeship (from ...to...): **01.10.2019 - 31.03.2020**

TRAINEESHIP INSTITUTION

Country: **Spain**
Name of traineeship institution: **ViAQUA Gestión Integral de Aguas de Galicia S.A.U.**
Web page: **VIAQUA.gal**
Address: **Rúa Padre Sobreira, 2, 36002 Pontevedra, Spain**
Contact person: **Cristina, Casas Perez**
Telephone / E-Mail: **+34 900 201 230 CCASASP@VIAQUA.GAL**

EXPERIENCE REPORT (approx. 3 pages + more photos if applicable)

1) Traineeship institution

Please give a brief description of your host traineeship institution.

I collaborated with the team of ViAQUA (Gestión Integral de Aguas de Galicia) which is an environmental sector company that manages all processes related to the integral water cycle in Galicia (Spain). The Placeres WWTP is intended for the purification of wastewater from the municipalities of Pontevedra, Poio and Marín; being designed for a population of 200,000 equivalent inhabitants, being the average design flow of 64800 m³ / d and the peak design flow of 3240 m³ / h.

2) Searching for a traineeship

How did you find your traineeship? Are there any recommendable links or other helpful tips you would like to share?

I had a lot of excursion from different drinking water and wastewater treatment plant in Galicia which was under the supervision of VIAQUA Company during my course in Spain and i became familiar with VIAQUA Company and tried to apply with the help of my coordinator of Master Ana María Vázquez who had contacted with VIAQUA Company to take this position for me.

3) Preparation

How did you prepare for your traineeship in terms of language, intercultural, professional and organisational aspects? Are there any recommendable links or other helpful tips you would like to share?

Water and wastewater treatment process is one of the most important environmental conservation processes that should be encouraged worldwide and during the international master I realized the importance of this issue because subjects of Water Treatment and Energy Efficiency, Physico-Chemistry and Quality of Water in university of la Coruña have given me knowledge in aspects that are closely related to the project carried out during my internship. Also we had a lot of excursion from different drinking water and wastewater treatment plant in Galicia which was under the supervision of VIAQUA Company to see how they care about the environment before distributing clean water in urban area and releasing wastewater after treatment in river or sea. In addition during the courses, chemical research laboratory of university of A coruña wants to develop a report about quality of water in the small river (Rio Lagar) located in campus Elviña and is requested to take sampling every day from this river and analyze different parameters of water such as PH, electrical conductivity, temperature, oxygen dissolve, alkalinity, discharge and turbidity and represent the data in a scientific template and this opportunity taught me to be familiar with laboratory environment and how to work with measurement tools. So in the start of my internship I didn't have any problem and I totally was ready to get more knowledge in this field.

With the help of online courses of OLS i could improve my english language and i didn't have any problem during working in abroad.

4) Accommodation

How did you find your accommodation? Are there any recommendable links or other helpful tips you would like to share?

My accommodation in Pontevedra, Spain was fully furnished located in the city center with the best view of city. I could find this room by help of my friend who was my classmate in Magdeburg. It was a sharing apartment with 2 Spanish guys and an American guy and it was one of the best moments for me to live with them because in the same time I could talk English and Spanish with them and I could improve my foreign language

5) Traineeship

Please describe the tasks and / or the projects carried out during your traineeship. In which way were you mentored and integrated? How were the working conditions? Did you have especially positive or negative experiences?

My internship started October 1, 2019 and finished March 31, 2020 that during this 6 months my time table was from 8:00 till 15:00 from Monday till Friday. In WWTP I had 3 tasks to do every day in different parts as I was working in an advanced Laboratory inside of main building in WWTP. These tasks contained:

- 1- Analyze of different parameters of Wastewater treatment plant samples such as PH, conductivity ETC to check that these plants are working well to eliminate toxic factor.
- 2- Analyze of different parameters of sample of Water treatment plant of Pontevedra, consumer tap water, water tank and water collection such as rivers springs and reservoir.
- 3- Work with maintenance program to control and check WWTP performance status.

I totally satisfied with experience that I got during internship and if I had chance I would like to work in this Company again.

6) Acquired qualifications

Which qualifications and skills could you acquire or improve during your traineeship?

Internship program is designed to help students develop professional skills that are congruent with the workplace's changing practices. In other words internship is a good environment to improve skills in working with people and develop communication skills, problem solving and interpersonal team skills and had a much greater understanding of what it was like to be in the work force and how to plan strategically for career movement. Therefore working as a real employee in this Company during my internship enabled me to recognize curriculum relevance and develop empathy, understanding of organizations and capacity for working with people. Besides this experience that I obtained, there were difference courses hold on wastewater treatment plant by expert professors to develop knowledge of employers facing with different problems that maybe happened in plant.

7) Country-specific features

Are there any specific traineeship regulations in the target country that affected you as an Erasmus trainee (e.g. France: housing allowance, convention de stage)? If yes, which ones? Are there any recommendable links or other helpful tips you would like to share?

One important parts of Erasmus program in Spain was ESN CARD that I took this card and with this card I have allow to book ryanair flight with discount and also all luggage was free and this card had valid for 1 year. I found this ESN card in Erasmus page on the facebook. As I was in the same time student of University La Coruña I had Student card which with student card I could take a discount for public transportation (Bus) and also I could visit some spectacular sight of city by free.

8) Visa, residence and work permit (only for international students)

Which prearrangements had to be made in terms of visa, residence and work permit? Are there any recommendable links or other helpful tips you would like to share?

as a foreign student I had some problem when I started my internship in Spain like opening bank account and getting resident card of Spain as here in Spain German visa is not valid for mention problems. I suggested that there should be an agreement between government and international office of university of La Coruña to facilitate for Non-European student could complete their internship easier. In Spain foreign people need to have resident permit that can get it by going to the police office of that city or foreign office and they help you to get electronic card. with this card you have allow to study or doing internship in a limited time.

9) Other

Is there anything else you want to let other students know?

I would like to thank all people who help me to get experience working in a wastewater treatment plant. All in all I can say that the best moments of my life happened in Spain during Erasmus life and I experience different things. I will recommend all Student to apply for Erasmus because it provides opportunities for them to study or gain work experience in a different European country while completing their degree.

10) Conclusion

What is the conclusion drawn after your traineeship experience abroad?

At the end compulsorily Internship is the best opportunity for student of this master to get knowledge in different field of water engineering. As a water engineer, I needed experience for my future job and working in VIAQUA Company prepared me how to be expert and I am very satisfied with the results obtained.

Please send this report by email to julia.schubert@ovgu.de!
Acceptable file formats: [.doc], [.docx], [.rtf], [.odt].