

ASAS Aluminium A.S. | Sakarya, Turkey

Anonym

Faculty of Mechanical Engineering, MMT program, 6th Semester

01.04.2019 – 30.09.2019



ASAS Aluminium A.S.

- Founded in 1990 in Gebze, Turkey
- Factories in Sakarya, Turkey
- Producer of different aluminium products

2017 in numbers

- 90,000 tons aluminium billet
- 140,000 tons aluminium profiles
- 385,000 tons aluminium flat rolled products
- 10,000,000 m^2 aluminium composite panel

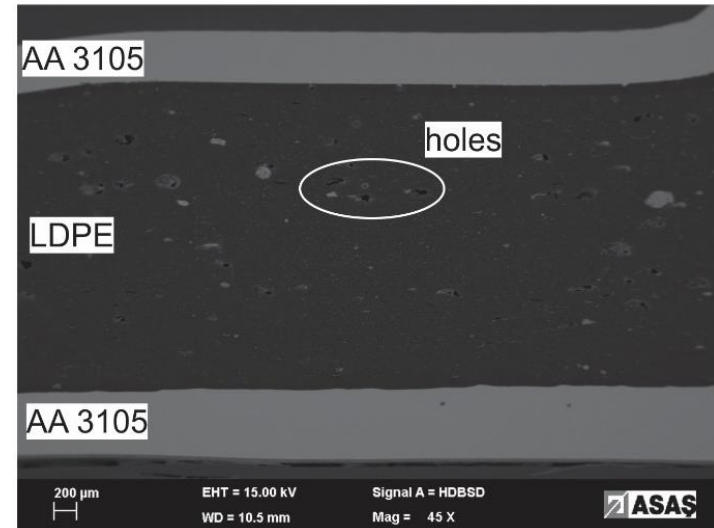
Sakarya, Turkey

- Sakarya is a province in Turkey, located in Marmara region on the coast of Black Sea. Its two hours drive from Istanbul.
- The city of Sakarya, one of the most important cities in Turkey for its rapid growth and development.
- It is one of the paradise-like spots of the country with its sea, beaches, lakes, rivers, highlands, thermal springs along with traditional Ottoman lifestyle districts such as Taraklı and Geyve, and historical relics inherited from the Byzantine and Ottoman eras that are worth witnessing.



Aufgaben während des Praktikums

I worked on investigating the formability of 3105 aluminium composite panel using multi-point forming(MPF) process. I first learned about the production process of the composite panel, then did different mechanical tests to determine different mechanical properties of composite and its constituent. I also did numerical simulation on the forming of composite panel using multi-point forming process.



- Mechanical characterization of AA3105 sheet, LDPE and aluminium composite panel.
- Numerical simulation of MPF process.
- Designing and manufacturing of MPF tool.



Eindrücke

I had chance to work in a different environment and learned to communicate with people. This internship helped me to improve my communication skills and self confidence.

Also I had chance to work together with other intern students in different project and this helped me to learn something outside my field of studies.

Kultur

I found Turkish people so friendly and curious. They love talking with foreigners and ask them about they home countries. Turkish food is delicious and I had no problem adapting with their local cuisine. There is a lot to see in Turkey and the weather is way better than in Germany.



Culture shock

Some hand gestures(signs) have different meanings from my home country (Tanzania) and here in Turkey. I had times to cope with the new meanings of the gestures.

Tipps & Vorschläge für zukünftige Praktikant/-innen

- Prepare yourself to learn new language, culture and meet new people.
- Check if you need visa to enter Turkey or not.
- Learn some basic Turkish words as many people cant speak English.
- Plan for your trip well before you travel to Turkey, arrange for your accommodation with the company or by yourself.
- Do not forget to take TA-11 document from your German insurance company.
- When you have any problem, don't feel shy to ask local people, they love to help foreigners.
- Traveling in Turkey is cheap, Do not miss visiting many historical and touristic places like Cappadocia, Pamukkale and Antalya.



Das Leben danach...

As I finished my internship, wrote my industrial master thesis and passed my final exams. I am looking forward to come back to Germany and look for a job in an international company.





ASAS Aluminium A.S. | Sakarya, Turkey