

Electrician for the Engineering Department

They do not wear uniforms, but the title “Corporate Fire Brigade” very often fits for electricians. Whenever a printing press or saddle stitcher is down, this can be due to the electronic control, and this means: act fast in order to find the source of error, deal with it and put the machine back into operation. This requires knowledge of the correlation between the electronic and mechanical system, but also brains and intuition. In other words: the electricians are the service staff for overall production, from light switch to printing press.

There is no plant nowadays which works without an electronic system, so jobs in the field of electronics have been split into several sub-areas and specialised. The job description of an electrician in Engineering involves the following possibilities: Support during make-ready, extend, modify and maintain electrical plants. This also applies for plants and devices of measuring, control and drive technology and for signal engineering. In short: the main task is maintenance and repair work. The units have to be kept in operation and downtimes or – even worse – crashes should be avoided.

There is, however, no need to be scared of big machines and complicated technology. Who has learned his lessons in maths and physics will not think of a relay as a “riddle wrapped up in an enigma” but as an easily comprehensible reading. A pupil with a good German secondary modern school certificate will cope with the comprehensive education without problems although something of the extra bit is needed here as electricity is, as we all know, not visible. You will automatically develop your grasp for it in the course of your education. A stunning expression can often be found on the faces of laities when looking at a switching cabinet, because at first glance the unit seems to be confusing

The Electrician will of course also not immediately detect the source of error, but once he has started trying to understand the relays and gained a clear understanding of how they work, the error will be detected soon in most cases. After that, repair work can be started. Such a type of imagination is also called abstract thinking. Colour perception is among the further requirements. It is important to be able to clearly distinguish between red, green, blue or other colours. This job requires constant further education, as electrical units become obsolete very fast these days and then a new generation will be introduced to the market. This also involves being open for new progress as you need to permanently restructure your way of thinking. Who has a pc at home or

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has dealt with electro technology before, already has some advantage for his 3 ½ years of education.

Requirements

- CSE graduation, preferably German secondary modern school certificate
- Good knowledge of maths and physics
- Good technical grasp
- and sound colour perception

Duration

3 1/2 years

Place of Education

Dresden, Itzehoe

Please use our application form under “Vacancies” for your application during the application procedure!