

My training in Bac Professionel Technician of maintenance of

Hello! My name is Ibrahim Nazroo. I am a student at the vocational high school of Roches-Maigres in St-louis.

I am in the class TBTMSEC which is maintenance technician of Energy systems. It corresponds to air conditioning, plumbing, heating and electricity.

Energy system and air conditioning



It is a training of 3 years in total. I study general and professional subjects for example we have 14 hours of technology.

In this section, we do electrical cabling, we draw plans of heating and air conditioning, we shape copper for the replacement of piping. In this training we also learn how to repair electrical devices such as cold rooms and to work on installation like heating and solar water heater and refrigerating units.



To learn more, the teachers make us do 4 to 5 weeks of training period in a company. There, we work as if we were employees

The job also consists of testing refrigerators for example we switch it on and off to check if it works well or not and then we repair it if needed. We recover the refrigerant for example R134a. We sort it out and stock the trash.



We clean the intervention zone. A technician does preventive interventions which means replacing a piece which may breakdown soon, he has to be able to take temperatures and do airflow measures, do calculation, be able to choose spare parts from a technical book. He has to be able to do repairs and be able to install different types of devices and also be able to explain to the customer the work he achieved.

The repairman in the maintenance of energy systems needs to possess all the necessary clearances such as electricity clearance and work at height clearance.

To conclude, I'm going to talk about what you can do after you pass your exam. If you get your diploma, you can continue going to school in a higher level in order to get a better diploma. You can continue your study in BTS FED (Fluid Energy Demotic) or you can start working in a company and later on open your own company and become a manager.

