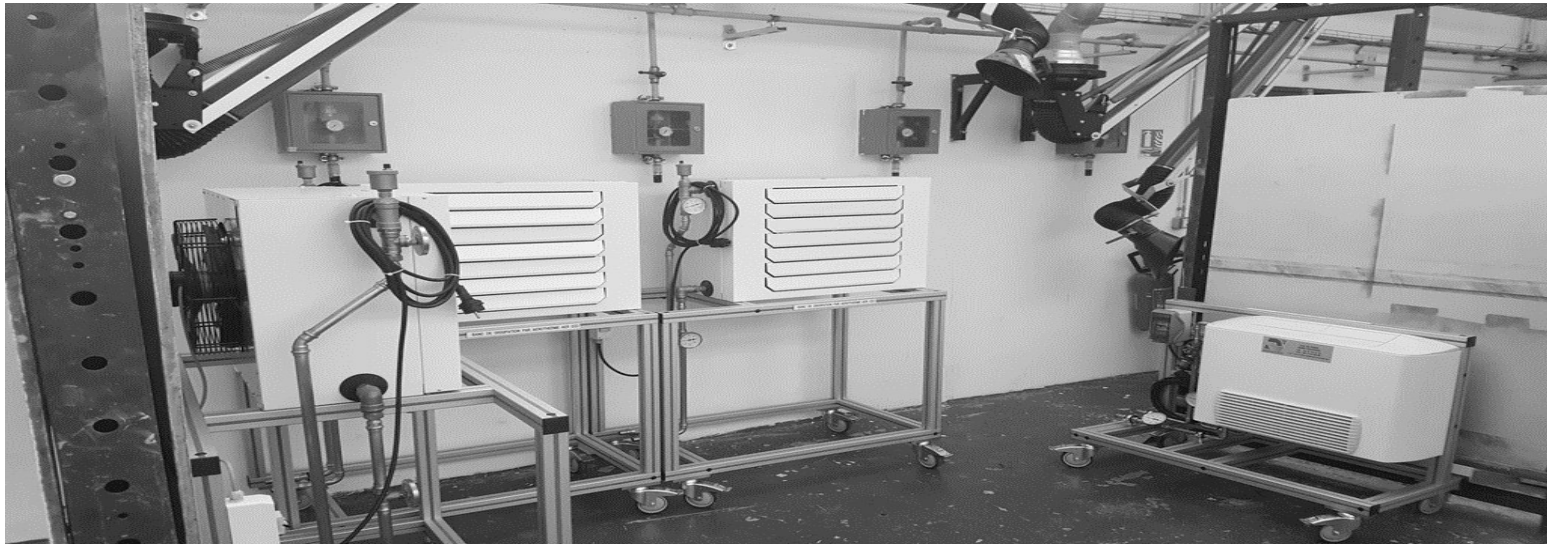


Branch: Thermal installer



Code: THEINS

Option: Thermal installer

Level : CAP

Prerequisites : First cycle study certificate

Opportunities:

He works in a building construction company or in a craft installation and maintenance company.

Description

The thermal installation fitter is responsible for installing and commissioning air-conditioning elements in individual houses, buildings, shops, public and industrial buildings. They may also be required to work on larger technical installations (thermal power stations, etc.). Using plans which he or she is perfectly able to read, the heating engineer sets up and repairs all the equipment necessary for a good room temperature, fans, air conditioners and everything that contributes to their correct operation: pipes, ducts, hoses, burners, convectors, taps, etc.

The training, based on practice, will initiate you to the installation of the networks and the assembly of the devices. The networks are made up of pipes that you will first have to cut, bend (bending the pipes) and weld. You will then connect this network to the various appliances (boilers, radiators, etc.). Before commissioning, you will have to carry out tests and adjustments to check that

the installation is working properly. The training allows you to acquire a large degree of professional autonomy: reading plans, choosing tools, organising the workstation. It also emphasises safety rules and teamwork.

Quality and competences :

With technical progress, this professional must constantly update his knowledge of mechanics, electricity, heat, hydraulics (circulation of liquids) and aeraulics (circulation of gases). They must have manual dexterity and good physical strength.