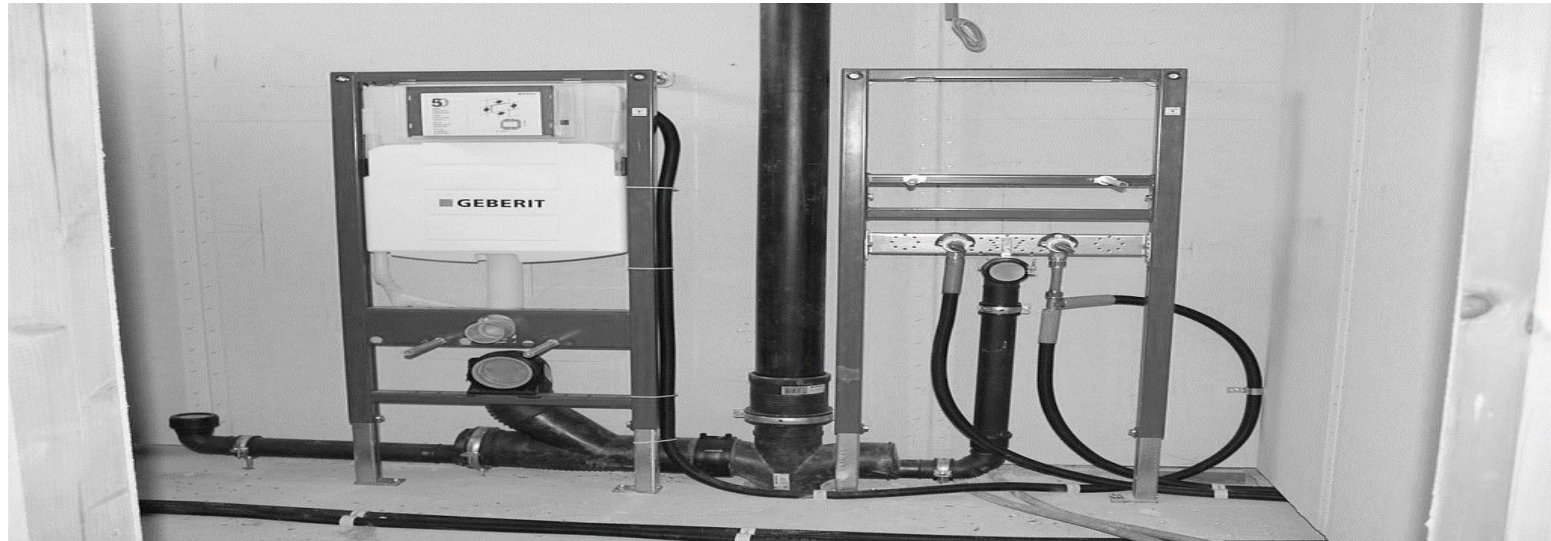


Branch: Sanitary and thermal installation techniques



Code: SATHIT

Option: Sanitary and thermal installation techniques

Level : BEP

Prerequisites : BEPC and/or CAP

Opportunities :

The student with this BEP can work as a plumber-heater in a SME, a repair company, or in a craftsman's workshop to install, commission or maintain sanitary and thermal equipment. He or she may work in private homes or in industrial or commercial premises.

Description

To install, connect, commission, modify, repair and renovate sanitary or thermal equipment, and to inform users of the conditions for its proper operation. The holders of the BEP will be required to intervene:

- on the one hand, on kitchen, bathroom and WC equipment, on hot and cold water installations (water heaters, bath heaters), on waste water evacuation installations, on fire equipment, wherever the intervention takes place (private individuals, public buildings, new or old buildings, industrial premises, etc.)

- on the other hand, on heating equipment, boilers, oil or gas burners, in all types of buildings (individual houses, commercial or industrial premises, public buildings, etc.).

- reading a diagram of an existing installation in order to make changes or

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fittings, etc.

- by connecting appliances to internal pipes, ducts and/or electrical networks using various techniques (screwing, gluing, welding, etc.)

- by changing, repairing and maintaining installations already in place, in compliance with safety rules

- by carrying out measurements and adjustments (level, flow rate, pressure, temperature, etc.) in order to detect any faults or breakdowns and to ensure optimum operation

- by advising, informing and training users.

Quality and competences :

The student must be in good physical condition as he/she may have to carry and move bulky and heavy equipment or appliances (bathtubs, boilers, water heaters, etc.).

They must be able to work in uncomfortable positions (bent over, lying down, arms in the air, etc.). It should be noted that this work can be dirty.

The student will have to scrupulously respect strict safety rules, in particular when working on electrical circuits or gas or water pipes, or when handling certain tools such as a blowtorch. They should be aware of the responsibilities of the job. Depending on the job, the young person may be in direct contact with customers. The plumber-heater works in a wide variety of locations and on a wide variety of projects. They also have a certain amount of autonomy in the organisation of their work. It is also a profession that allows contact with customers but which requires, in return, a developed sense of responsibility, particularly when working alone in a private home. You may consider setting up your own business.

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