

# SPLIT SYSTEM: PIPE REPAIR, F-GAS CHARGE AND TEST

PRESENTATION OF THE PROJECTX-FINAL LEVEL 1.



SPLIT  
SYSTEM: PIPE  
REPAIR,  
F-GAS  
CHARGE AND  
TEST.



# FOR USE IN THIS CORE AREA: general and particular.

- ▶ GENERAL / KNOWLEDGE:  
THERMAL HEAT AND COLD / PLUMBING
- ▶ PARTICULAR / ACTIVITIES: PIPE WORKING, F-GAS CHARGING AND TESTING AC SYSTEMS



# LEARNING OUTCOMES. Common to be shared.

- ▶ HTNMT06 (TopMost): Testing air conditioning and ventilation installations
- ▶ HTNMT07 (TopMost): To carry out the corrective maintenance of an air conditioning and ventilation installation
- ▶ PLMAS01 (TopMost): Installing pipes for plumbing heating and air conditioning systems.



# DURATION

- ▶ Theory: 3 hours
- ▶ Practice: 20 hours



# THEORETICAL OBJECTIVES AND ACTIVITIES

## OBJECTIVES

1. Handling fluorinated gases
2. Pipe work and assembly.
3. Test the air conditioning system.
4. Quality Control.

## ACTIVITIES

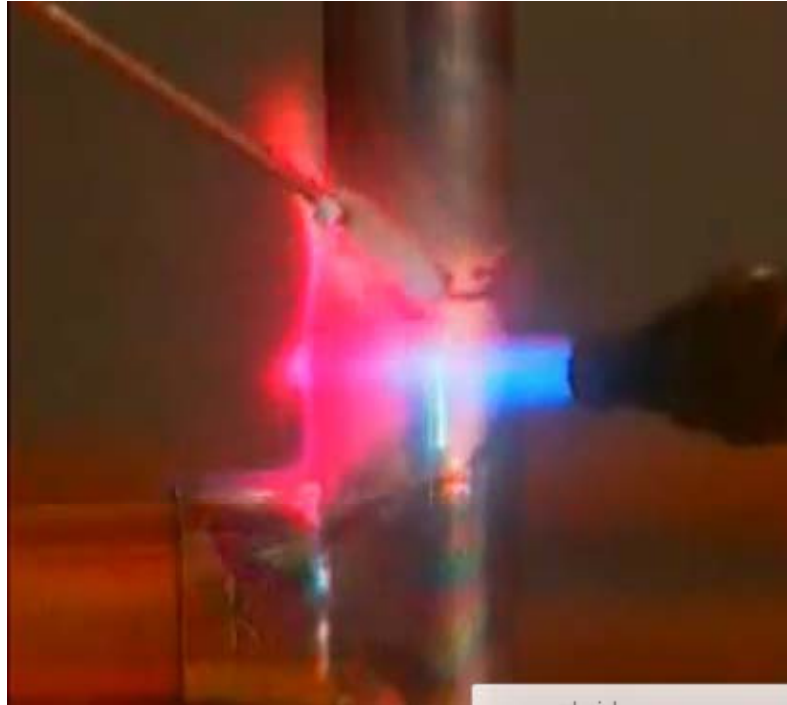
1. Evaluation Questionnaire
2. Measure in situ and draw the piece to be performed.
3. Multiple choice test



## PRACTICE.

### Brief description and pictures.

According to rules on fluorinated gases and air conditioning systems, fabricate a broken piece, assembly it, make the pressure and vacuum test, charge F- Gas and test the Air Conditioning system, including the records of the system checking and charging F-Gas tasks.



## PRACTICE. Activities.

- Measurement and pipe fabrication.
- Assembling the new part in the system.
- Pressure and vacuum test.
- Charge F-Gas.
- Check and report.





# PRACTICE. Activities.

- Pressure and vacuum test.





# PRACTICE. Activities.

Check the system

- Charge F-Gas.





