

Bruno Sanchez

Thermal Engineer



Profile

58 years old
Seniority : 15 years,
associate
English

Steam production

**Heating, ventilation, air
conditioning**

**Air conditioning (building
and industry)**

Heating systems

**Centralized technical
management (CTM)**

Sanitary plumbing

Buried networks

Gas regulations

Education

Engineering Degree, HEI – Electrical Engineering

Professional background

GAB Robins

Expert for Insurance Companies (civil liability, RCD, TRC, TRME risks)

Elex

Expert for Insurance Companies (civil liability, RCD, DO, PUC risks)

CFERM

Engineering

Head of Air Conditioning Engineering Project Management Missions
Project manager of a plastic container plant construction

Dalkia – Operations

Head of Operations-district heating plant

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Key areas of expertise

Air Conditioning

- Defective performance of air conditioning facilities
- Corrosion on chilled water systems
- Water damage due to fracture of PVC and flexible hose systems
- Air cooling and evaporator freezing on refrigeration units
- Refrigerator unit compressor and flexible hose system breakage
- Equipment malfunctions and failures
- Uncontrolled hygrometry levels
- Presence of condensation

Heating – Ventilation

- Defective performance of heating facilities
- Energy overconsumption
- Corrosion of urban heating systems, boilers and heating systems
- Water damage due to pipeline fracture
- Equipment malfunctions and failures
- Presence of condensation
- Non-compliance of Controlled Mechanical Ventilation facilities
- Water treatment defects (cold water, warm sanitary water and steam)
- Fuel burner and gas malfunctions
- Deterioration on heat exchangers: corrosion, fissures, joints
- Boiler room fires
- Defects on wall-mounted boilers

Plumbing – Sanitary

- Design of hot sanitary water production systems
- Corrosion of embedded piping and water tanks
- Presence of legionella in cold water and warm sanitary water systems
- System overpressure

Gas Infrastructures – Grids

- Carbon monoxide poisoning
- Explosions
- Regulations governing buried grids
- Systems overpressure
- Damages to buried networks