



**Heating, Ventilation and Air
Conditioning HVAC**

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- Implementation activities, modification and ventilation testing systems and air treatment (HVAC) installations, nuclear in compliance with the requirements of applicable reference standards (ASME AG-1, ASME N511, SMACNA HVAC System Testing, ACGIH, etc.

- Design and calculation software vents through DUCTSIZE
 - Load calculation
 - Study of diffusion and air distribution

- R22 Gas replacement studies
 - Operational unit study
 - New gas operation design
 - Commissioning of the units

- System Optimizing s Study
 - Yields studies
 - Operational studies
 - Energetic efficacies
 - Equivalence study equipment obsolescence

- Flow measurements in ducts for balancing systems

- Running acceptance tests on site (in situ) and periodic testing
 - Visual inspection
 - Leak and structure capacity of housing and ducts
 - Leak testing of the filter frame
 - Flow test capacity
 - Proof of uniform flow distribution
 - Uniformity test aerosol-air mixture
 - Leak Testing of HEPA filters
 - Leak Testing of Activated Carbon Filters
 - Test bypass damper
 - Testing system bypass
 - Test run the air conditioner

- HVAC units Compact condensed water, high flow evaporation and compression by reciprocating compressors
- Facilities conventional air / air
- Control Systems Atmospheres
- Clean-room Climate Control
- Air condensation systems and water evaporation
- Matches direct expansion systems with variable flow
- High flow by ROOFTOP
- Air treatment system by UTA's

➤ Predictive Maintenance

- Assessment of potential future incidents from the status reports and experience of equipment

➤ Preventive Maintenance

- Generating maintenance procedures
- Reporting of status and performance of equipment
- Destruction of waste gases and on services

➤ Corrective Maintenance

- Analysis and evaluation of corrective and preventive frequency adaptation
- Advanced study and performance of operating units
- Cooling and electrical equipment repair
- HVAC units with security classification

- Preparation of specifications for supplying security-related equipment (fans, dampers and filter units)
- Supply of spare parts of active elements
- Recovery of obsolete items as manufacturing parameters
- Supply of equivalent equipment obsolescence
- Studies and supply of specific equipment for monitoring,
- Substitution of fluorinated gases, discontinued or refurbished gases