Air Systems Survey Report

Site Visit by Engineer:

- Assess mechanical condition of major equipment
- Measure systems operating parameters
- Collect relevant data including drawings, specifications, photos as required for analysis
- Discuss systems with operating personnel and identify issues with existing systems

Benefits:

- Essential repairs are identified
- List of opportunities for improvements with descriptions and relative costs can be provided
- A good summary of the condition of your systems gives you a good understanding of the present situation
- A recommended plan for repairs is prioritized so that you may plan future work

Survey Report:

- Description of all existing problems
- Descriptions and simplified process diagrams of existing air systems
- Tabulated measured operating parameters such as air flows, temperatures, humidities, pressures, and concentrations of contaminants with comparisons to design values
- Documented fan speeds and power consumption
- Summary of facility air mass flow balance
- Condition and performance assessment of existing equipment with completed checklists
- Compliance check with applicable codes
- Prioritized list of recommended repairs to achieve original design performance
- List of recommended upgrades for enhanced performance including preliminary design concepts and approximate costs

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