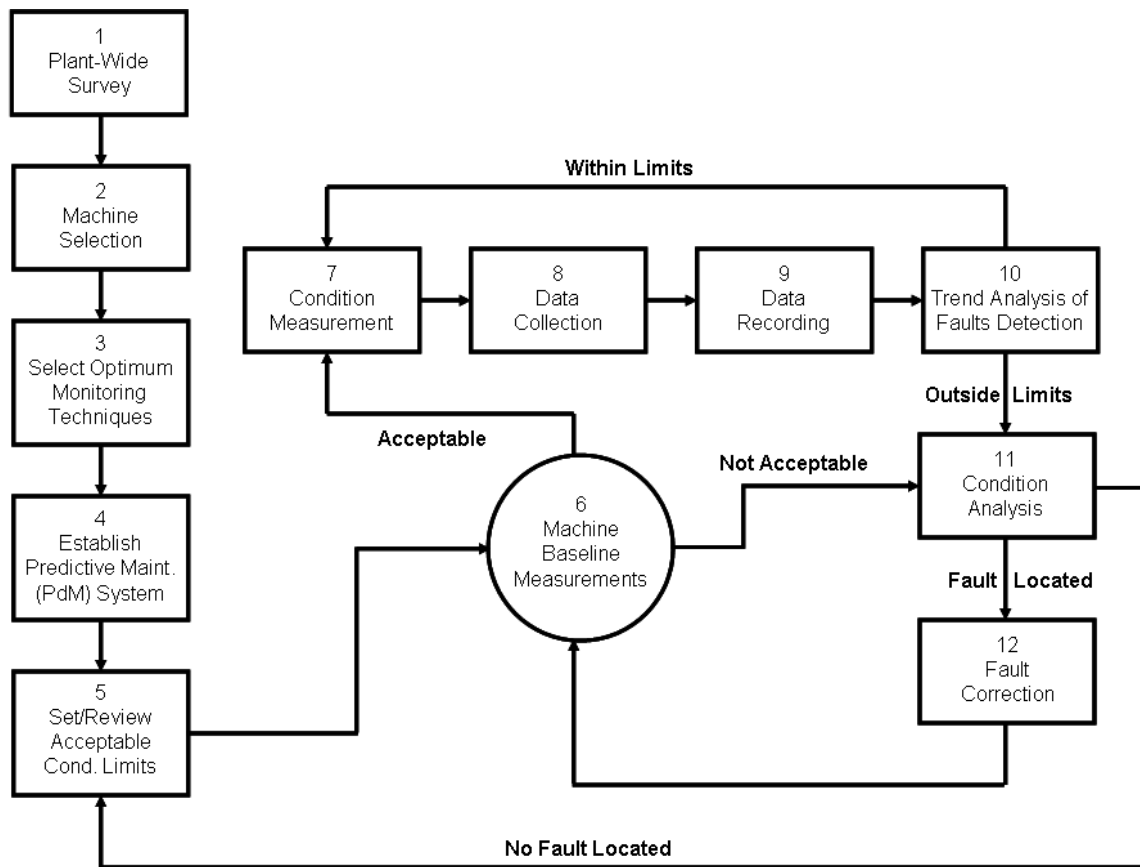


Organizing a Successful PdM Program

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Predictive maintenance is a systematic method of monitoring and trending rotating equipment on a regularly scheduled basis to determine the condition of machines subject to wear and tear. On-line detection, trending, and diagnostics methods provide an early warning of potential problems and virtually eliminate the need for periodic disassembly and inspection, and the possibility of an unexpected breakdown.

There are twelve essential steps in building a Predictive Maintenance Program. The flow diagram below shows the progress of these steps.



1. Plant survey
2. Machine selection
3. Select optimum condition monitoring techniques
4. Establish predictive maintenance system
5. Set and review acceptable condition data and limits
6. Machine baseline measurements
7. Condition measurement
8. Data collection
9. Data recording
10. Trend analysis of faults detection

11.Condition analysis
12.Fault Correction