RCA “Preventive Maintenance”
Fishbone Diagram

PM is not Effective

- PM Compliance (20 % Rule)
- PM Labor Hrs. vs EM Labor hrs.
- Maintenance Cost
- Specifications
- Maintainable
- Operate to specifications
- Maintain to specifications

Measurement

Machines

- Failure Mode Based
- Inspection to specs
- Lubrication
- Repeatable Procedure

Methods

- Task Qualified
- Attention to detail

People

- Failure Modes: Parts
- Failure Modes: Human

Failure Modes Based

Materials

- Asset Specifications
- Single Source Vendor
- Storage to Specs