

Tool-Box Talk

Preventive Maintenance 105

Operator Basic Care is critical to success of any Preventive Maintenance Program. Operators are the first line of defense in protecting asset and process reliability. Operator basic care (also known as operator essential care, operator driven reliability, asset basic care, or autonomous maintenance) is an equipment reliability program which provides results.

Operator Care allows operators to feel ownership of their assets and take pride the results it provides.

Operator Care plus Preventive Maintenance implemented and managed effectively results in success.

Preventive Maintenance + Operator Care =

"Optimal Asset and Process Reliability"

Resulting in:

- Stability in Production Processes
- Increased Capacity
- High Employee Moral and Satisfaction
- Low Accident / Incident Rate
- Low Turnover of Employees
- Lower Operating and Maintenance Cost
- Higher Profits
- Maintenance Storeroom having the right part in stock

Operator Care requires a Partnership between Maintenance and Production where each party is seen as equal partners.

Operator Care is a simple process that engages all of the personnel working within the organization towards a common goal of increased throughput and decreased equipment delays.

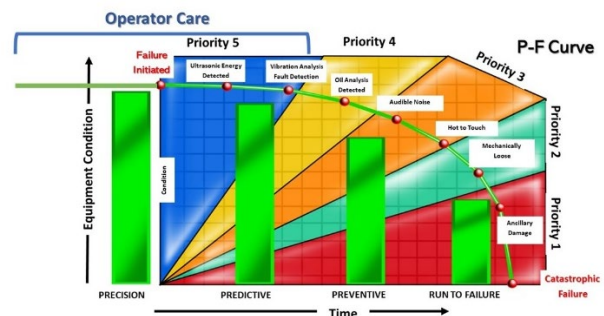
Operator Care is simple in that it engages:

- All ears, eyes, and noses in the early identification of equipment abnormalities (rather than the subsequent failures)

- Provides a simple means to report and track the repairs to be performed. It is a simple means to report and track the repairs to be performed.

Operators Focus on Abnormalities, not Failures: Point "P" (the onset of failure) differs greatly from Point "F" (the loss of function) on the P-F Curve. Many operators do not understand this relationship and are not conditioned to report equipment abnormalities.

Operator Care and the PF Curve



Where to begin:

Step 1: Educate Maintenance and Production leadership in the Value of Operator Care

Step 2: Identify a production area or line with the most open-minded leadership

Step 3: Create an OpCare project plan with leading and lagging KPIs at specific milestones.

Step 4: Create "Single Point Lesson" and use to educate Operators

Step 5: Post a Scorecard for everyone to know "the Score of Operator Care"

Operator Care Leading and Lagging KPIs

