MAINTENANCE
AND
RELIABILITY

BEST PRACTICES

Thomas V. Byerley
April, 2000

BEST PRACTICES

✔ Typically 7 to 9 “Best Practice” Areas

✔ Areas Validated by Experience

✔ Specifics can be both:
  Proven Methodologies - and -
  Leading Edge Thinking

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BEST PRACTICES

✔ Many Companies Have “BP”
✔ Often Used as Guidelines for Strategic Plan
✔ Often Used as Criteria for Assessments
✔ Most Companies Do Some “BP” Very Well
✔ Few if Any Companies Do All “BP” Well

BEST PRACTICES

✔ Leadership
✔ Planning and Scheduling
✔ Work Execution and Follow-up
✔ Preventive & Predictive Maintenance
✔ Reliability Engineering & Maintainability
✔ Workplace and Workforce Environment
✔ Materials Management
✔ Contract Maintenance
LEADERSHIP

Providing the vision, the mission, the strategic direction, and the necessary resources (people, processes, equipment) to integrally fit this effort into the enterprise’s overall business plan.

✔ Safety
✔ Business Plan Fit
✔ Clear Vision
✔ Well Annunciated Mission
✔ Definitive Strategic Plan
✔ Measurable Goals
✔ Resourced Action Plans
✔ Defined Roles and Responsibilities
✔ Communications
LEADERSHIP

Enterprise Plan
Business Unit Plan
Plant Plan
Area Plan
Team Plan

METRICS
✓ Strategic plan, Action Plans completion
✓ 2 - 3 % Maintenance Cost as % RAV
✓ 4 - 6 % Maintenance Cost to Total Cost
✓ Asset Utilization (OEE, etc.)