



06



COMMUNICATE ACTIONS

Convey RCA findings and corrective actions to stakeholders to ensure root causes are addressed.

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ROOT CAUSE ANALYSIS PROCESS STEPS

A systematic approach to uncover the true causes and drive lasting improvement.



01

IDENTIFY EVENTS

Identify undesirable events in the facility using human and digital data.



02

PRIORITIZE EVENTS

Identify the chronic events that account for 80% of the losses within the facility.



03

BUILD TEAM

Establish a cross functional team and appoint an unbiased RCA Facilitator.



04

COLLECT DATA

Gather data within the facility to validate the hypotheses put forth by the team.



05

ANALYZE

Leverage a logic tree approach that will guide the team in assessing root cause hypotheses and utilize data to validate each hypothesis.



06

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Practical Reliability Solutions



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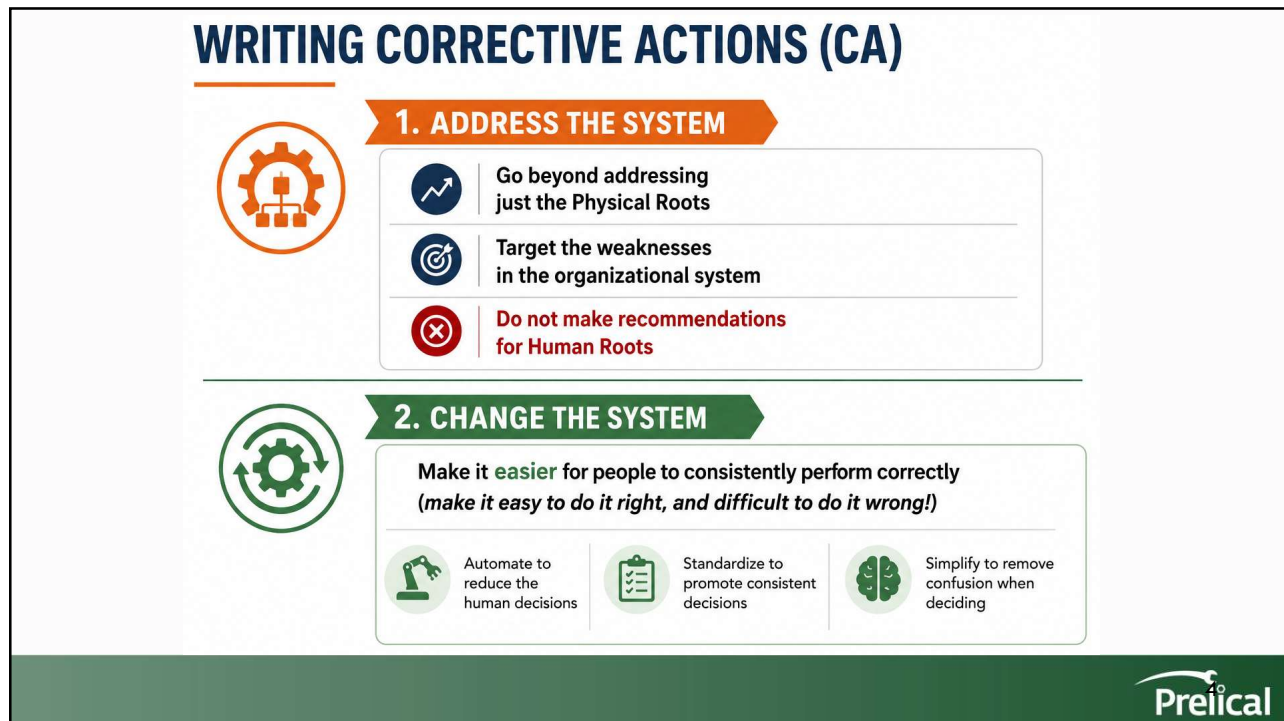
Better Analysis.
Stronger Reliability.

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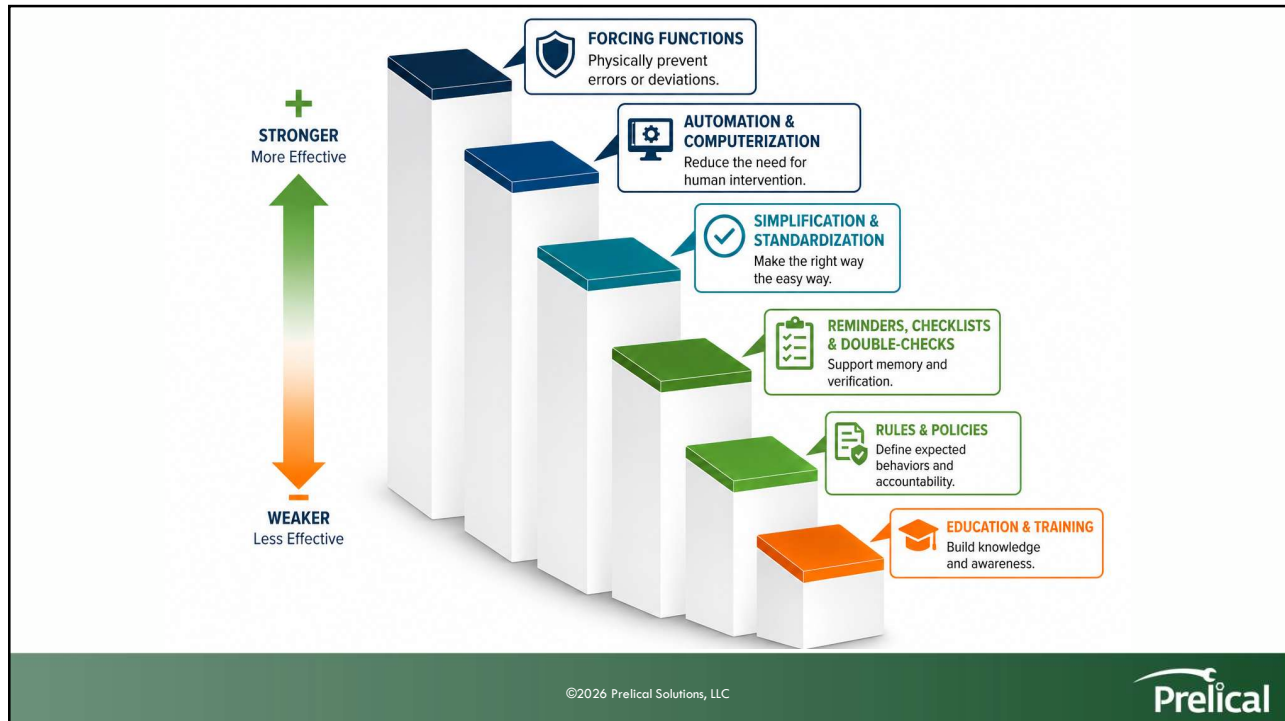
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RCA Corrective Action Listing

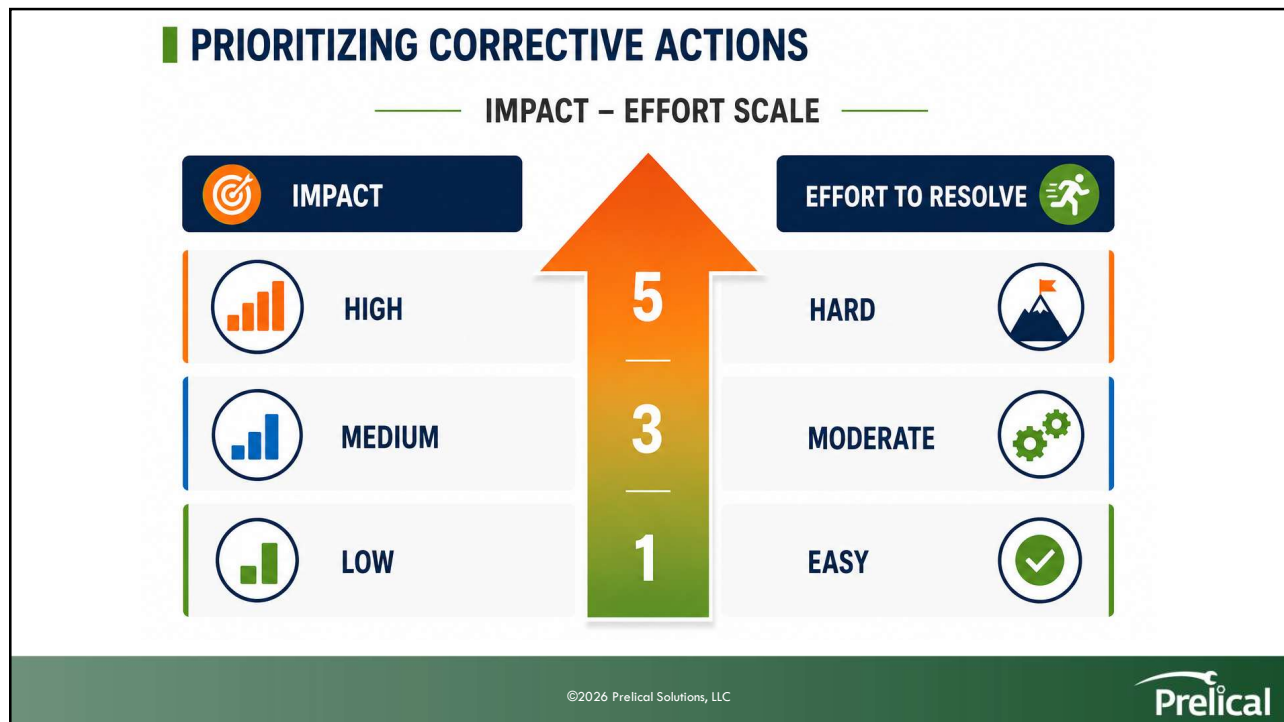
Identified Root Cause	P, H, or L*	Suggested Corrective Actions	Resp	Due Date	Completion Date

*P = Physical H = Human L = Latent/Systemic

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Prioritizing Corrective Actions

Proposed Corrective Actions	Impact	Effort
1 Implement Training for Millwrights	5	1
2 Develop New Incentive Program for Corporate Purchasing Group	3	5
3 Develop Electronic Inspection Forms for Operator Rounds	3	1
4 Define Balance Standards	3	3
5 Add New Assets to Condition Monitoring Schedules	5	1
6 Add New Equipment to CMMS	1	5
7 Perform Precision Alignment on Like Equipment During Next Outage	5	5
8 Perform Scheduled PMs on Overtime if Emergencies Prevent During Shift	3	5

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