Physical Asset Management Awards
IPAMC 2017

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UPTIME Model of Excellence

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What can UPTIME do for you?

- Reliability → effectiveness
- Maintenance process → efficiency

Combined: doing the right things the right way!

- Plant uptime and availability
- Increased production / service delivery
- More stable production
- Improved quality
- Lower costs, improve finances
- Environmental compliance – it's good for the planet
- Improved safety – it's good for you!

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Where are you today?

Uptime - Strategies for Excellence in Maintenance Management (3rd Edition)

Maturity Profile

	Strategy	People & Teams	Work Management	Materials Mangement	Basic Care	Performance Management	Support Systems	Reliabilty Centered Maintenance	Reliability Quick Start & Optimization	EBAM
Excellence	Maintenance programs clearly support broader corporate strategic goals. Programs and practices well established, documented and undergo continuous improvement.	Fully developed multi-skilling, autonomous teams of operators and maintainers active. Speicialist engineering support available.	Long term planning cycles and extensive use of standard job plans. Planning is used to determine all support requirements for new systems based on RCM results.	Stockouts rare. Service level 98% plus. Inventory turns > 2 times.	Full regulatory compliance. PM program features extensive CBM. Operators do some minor PM. Equipment condition good. 5S fully implemented and sustained.	Fully balanced score cards for teams. Improvement results evident in performance trends.	Full user acceptance and widespread use of integrated management systems sharing information across the enterprise. Information is widely used in EBAM and reliability work and performance management.	RCM being used proactively for new projects. RCM, maintenance planning and support analysis used before new equipment / systems are put into service.	Reliability enhancements rely on use of advanced mathematical models and data. RCM results are continually being improved upon. RCFA used occassionally.	Data is useful. Any gaps are closed with a formal knowledge elicitation process to ensure information is reliable. Decisions are regularly informed with trustworthy evidence.
Competence	Maintenance strategy and plans align with corporate strategic goals. Improvements in place. Maintenance is "under control".	Multi-skilling and managed teams of maintainers and operators. Regular use of RCFA and RCM analysis teams.	Scheduling and planning well established for most work. Compliance high.	Inventory turns > 1. Service level 95% plus. Stockouts less than 5%.	Full regulatory compliance. PM program features some CBM. Operators help with PM. Equipment condition good. 5S fully implemented	Reliability measures in use and improvement programs monitored, trends being developed.	Extensive management systems in use with integration for sharing and re-use of important information. CBM and reliability analysis tools in place. EBAM in use.	PM program fully developed using RCM / PMO and improved using RCFA. RCM results evident in procedure changes, training, equpiment mods.	RCFA used as complement to RCM program. Experimenting with more complex reliability tools / methods. PM Optimization no longer needed.	Data gathering is reliable and good information is available for improvement efforts. There are information gaps that are being filled by experienced workers.
Understanding	Management defined strategy & plans. Improvement efforts are underway and working.	Some multi-skilling. Mostly distributed maintenance teams with conventional supervision. Task based teams used as needed.	Scheduling established, compliance good. Planning for major work and shutdowns as work arises.	Inventory turns > 0.7. Service level 90% plus. Inventory analysis being performed.	Partial regulatory compliance. PM program based on fixed interval tasks with little CBM. Equipment condition fair. 1, 2 and 3 of 5 S implemented	Basic maintenance performance measures in use.	CMMS, EAM or ERP is in use with report generation and analysis. CBM is supported with specialized systems. Documentation, financial records, maintenance, stores, etc. not integrated.	RCM program in use for critical equipment. PM program blends manufacturers recommendations with experience and RCM resullts,	RCFA used for more than just critical failures. PM Optimization applied to "clean up" the existing PM program.	Data is being used in problem solivng (RCFA) but data problems are evident. Decisions still require mostly experiential inputs.
Awareness	Documented goals but no objectives or plans to achieve them. Attempts at past improvement programs have failed.	Maintenance organized by shops. Some area maintainers assigned. Conventional supervision. Occassional teams used for RCFA.	Scheduling with about 50% compliance. Plans for shutdowns only	Inventory improvement plans in place. Measurement of stores performance started.	Poor regulatory compliance. PM program under development using traditional methods. Equipment condition fair. 5S training and pilots.	Financial measures used to analyze spend patterns. Some downtime records.	Management systems use is spotty and providing little valuable output. CMMS is in place and operating independent of other systems. A number of ad hoc systems are in use.	Downtime analysis is performed and some improvements are implemented. PM program is being followed.	RCFA used for highly critical / visible failures. It is the primary reliabilty tool.	Data collection is done but generally data is in poor shape / useless for reliability purposes.
Innocence	No documented strategy. Maintenance is largely reactive to breakdowns.	Centralized organization based on trades demarcation. No sign of teamwork. Operations and maintenance do not collaborate.	No planning, little scheduling and poor compliance to schedule	Frequent stockouts. Service level poor. Jobs frequently waiting for parts.	Poor regulatory compliance. Minimal or non-existent PM program. Equipment condition poor.	Only financial measures being watched but no analysis of costs performed.	Little to no use of management systems. May be using variety of ad hoc systems with little to no sharing of data and information among them. Maintenance is operating its own isolated information island.	Plenty of downtime but no analysis of causes or attempts to improve. PM program missing or not followed. Production complains about how badly maintenance manages its assets.	No effective reliability improvement efforts being made. Reliability poor and stays there. Production complains about how badly maintenance manages its assets.	No use of data / information as evidence in anallysis of systems, problems, failures, etc.

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Most

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Get recognized for your achievements

- You work hard to improve
- Get recognized
- Help increase the standard

- Participation is winning
- Are you courageous enough? Participate!
- Congratulations to all who participated this year, and…

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Congratulations to our 2017 award winners!

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