

Module	Scope	Topic	Training curriculum
1	2 hrs.	TPM basics	<ul style="list-style-type: none"> main losses of machinery and equipment TPM principles overall overview of the relationship of TPM to process performance objectives and benefits of TPM techniques
2	2 hrs.	Reaction maintenance	<ul style="list-style-type: none"> Principles and context of the RU RU measurement data - structure and usability SOP in RU RU performance examples of RU implementations
3	4 hrs.	Autonomous maintenance	<ul style="list-style-type: none"> introduction of a new AU performance analysis of the established AU AU objectives losses in AU AU slimming examples of AU implementations
4	4 hrs.	Preventive maintenance	<ul style="list-style-type: none"> initial needs of PU introduction of a new PU PU registration and grading analysis of existing PU losses in PU PU slimming examples of PU implementations
5	4 hrs.	MES Key maintenance indicators	<ul style="list-style-type: none"> introduction of MES systems data collection, analysis and use OEE TEEP MTBF, MTTR, TA

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6	4 hrs.	Failure condition analysis	<ul style="list-style-type: none"> Failure analysis FMECA maintenance Identification of root causes of fault conditions Confirmation of the hypotheses of failure states
7	4 hrs.	Cost of the machine	<ul style="list-style-type: none"> machine cost measurement and analysis spare parts consumption external machine costs internal costs cost of downtime machine financial performance/maintenance strategy Optimisation plan
8	4 hrs.	Data in maintenance TPM projects	<ul style="list-style-type: none"> Graphical analysis Control diagrams Data visualization Connecting MES, BI applications Creation of a TPM development plan Assignment of the final certification project
	8+8 hrs.	TPM Auditor	<ul style="list-style-type: none"> Continuing course Continuous audit of critical equipment Identifying key losses and directing the optimization of machine and equipment performance 8 hours training (8 hours workshop)

