Metso:Outotec

Shutdown Services

Achieve higher plant utilization with shorter planned shutdowns



Shutdown planning and execution management

Successful shutdowns or turnarounds require careful planning to achieve the least amount of production downtime. We focus on meticulous planning and extensive collaboration across workforce disciplines to plan shorter but attainable project schedules.

Depending on the scope and complexity of the shutdown or turnaround project, we begin planning several months in advance. Planning consists of work at your site and at our offices. Our planning and asset maintenance experts meet and work with your project team and the construction contractors that you select to agree on the plan and

optimize the schedule. At the completion of the planning phase, you and your contractors will have a comprehensive understanding of the agreed shutdown plan as well as all necessary documents to manage and execute the project.

Our 10-point planning system creates a how-to set of documents that help you achieve a shorter shutdown or turnaround and more efficient execution. Our shutdown packages ranges from shutdown reviews to shutdown planning and support, to a total shutdown solution, which is customizable to suit your needs.

Benefits

- Schedule optimization
- Safety excellence
- Quality results
- Cost and time savings
- Higher plant utilization

Our proven 10-point shutdown plan

Creation of detailed shutdown methodology

02 Shutdown methodology Detailed activity work plans for each major tasks

04 Activity work plants Develop a project resource plan with appropriate levelling

> 06 Resource plan

Develop a logistics & material handling plan

08
Logistics & material handling plan

Compile a risk management plan

10 Risk management

O1 Scoping & work breakdown structure

Detailed scope & logical WBS for shutdown execution

03 Dynamic shutdown schedule

Develop a highly detailed, fully dynamic shutdown schedule 05 Safety plan

Develop a project specific safety plan

Quality management plan

Develop a project quality management plan 09 Communications plan

Develop a project communications plan

Progressive shutdown packages to meet your needs

Whether you are looking for analysis and benchmarking, to methodology and scoping support, to full shutdown execution, we have a package to help you meet your goals. Our shutdown packages can be tailored to suit your needs.

	Shutdown Readiness	Shutdown Support	Shutdown Total Solution
SHUTDOWN REVIEW			
Current status evaluation	Х	Х	Х
Optimization suggestions	Х	Х	Х
Benchmarking	Х	0	0
SHUTDOWN PLANNING			
Scoping & WBS		Х	Х
Shutdown methodology		Х	Х
Dynamic shutdown schedule		Х	X
Activity work plans		0	Х
Safety management plan		0	Х
Resource plan		0	Х
Communications plan		0	Х
Quality management plan		0	Х
Logistics & material handling plan		0	Х
Risk management plan		0	Х
SHUTDOWN EXECUTION			
Shutdown advisory		Х	Х
Schedule management			Х
Scope management & coordination			Х
Safety management			Х
Quality management			Х
Logistics & material management			Х
Reporting			Х
Work execution			0







We aim to be a sustainability leader in our industry. Sustainability at Metso Outotec is founded on our strategy and code of conduct, as well as on selected, globally acknowledged guidelines and principles. By providing new and better technologies and changing current ways of operating, we help our customers meet their sustainability goals.

Partner for positive change

Metso:Outotec

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