



Operational Excellence Services

Operation

Operations Readiness & Assurance



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 <https://www.jgc.com/en/business/epc/operation-maintenance/service/>

Operations Readiness & Assurance

Do you have any of these issues?

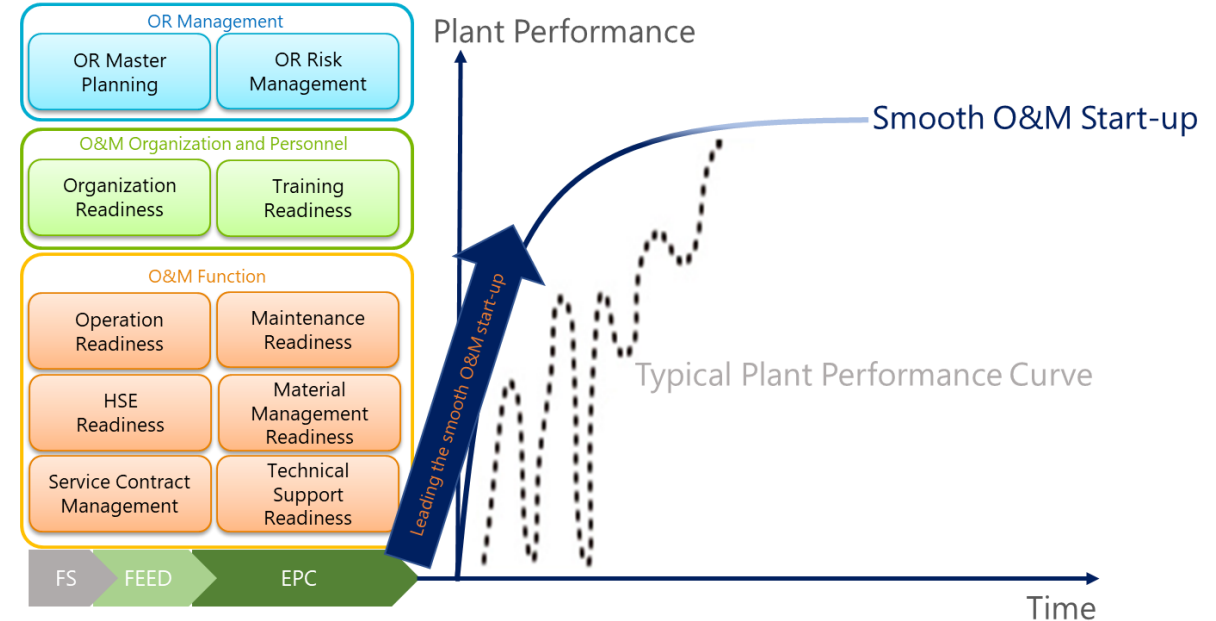
- ☹️ **Concern of safe and smooth startup of O&M**
- ☹️ **High total cost of ownership**
- ☹️ **Potential areas of concerns and its mitigations in OR^(*)**

OR&A Solution

- Execute Operations Readiness & Assurance program for all OR key components of facilities^(**) by expert team
- Assess OR plan and progress and reporting with findings and mitigations
- Follow up prioritized mitigation actions to reduce OR risk and to minimize the facility total cost of ownership

^(*)OR : Operations Readiness

^(**)facilities : Onshore and offshore O&G plant, chemical plant etc.



Operations Readiness & Assurance

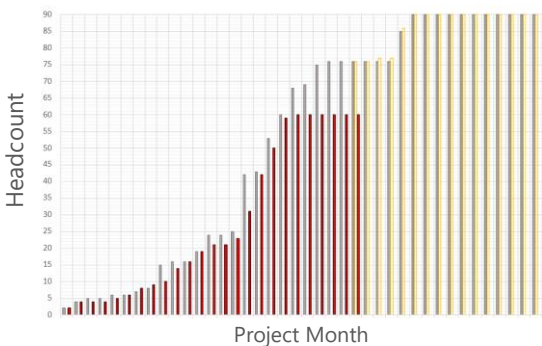
Workflow & Result

A) Operations Readiness & Assurance Planning Phase

- 1. Verification of overall OR schedule
- 2. Define OR elements
- 3. Establish OR progress and KPI tracking system

B) Assurance Phase

- 1. Monitor OR activities
- 2. Assess the progress and risk for OR activities (Health Check)
- 3. Report and follow up mitigation actions



Recruiting Progress Tracking

OR Components	Business Processes	Status	Plan	Forecast	Actual
Organization Readiness	Recruiting for O&M personnel	Completed	🟢	🟢	🟢
Training Readiness	Competency Assessment	Completed	🟡	🟢	🟢
HSE Readiness	PTW	Completed	🟢	🟢	🟡
HSE Readiness	LOTO	In progress	🟢	🟡	
HSE Readiness	Emergency Response	In progress	🟢	🟡	
HSE Readiness	Spill Prevention	In progress	🟡	🟢	
HSE Readiness	Waste Management Plan	Not Started	🔴	🟢	
Operation Readiness	Production Reporting	Not Started	🔴	🟡	
Operation Readiness	Laboratry Analysis	In progress	🟢	🟢	
Operation Readiness	Crew Change	Completed	🟡	🟢	🟢
Maintenance Readiness	Maintenance Management (Work Process)	Not Started	🟡	🟡	

Business Process Progress Tracking

Sample Progress and KPI tracking system

Our Strengths

- Standardized Operations Readiness & Assurance program based on FLNG project
- Expert O&M engineers with experiences in operating companies
- Utilization of global project management experiences from over 20,000 FEED and EPC projects

Our Experiences

- Operations Readiness & Assurance program execution for FLNG O&M
- Operations audit for FPSO in West Africa
- O&M and Training readiness planning and execution for various EPC projects