

Plant Maintenance & Turnaround



PEC is an established service provider for on-site plant maintenance, turnaround and small upgrading / revamping projects to the oil & gas, petrochemical and pharmaceutical industries in Singapore.

Our maintenance services cover both plant maintenance works as well as related services ranging from equipment maintenance to being a single-source maintenance service provider to an entire production plant.

As a single-source maintenance service provider, PEC works in partnership with you for all elements of the contracted maintenance services. We will plan the maintenance schedule to meet your requirements with emphasis on safety critical and production-critical equipment. Acting as the focal point in managing all maintenance activities, be it through us or sub-contractors, we ensure that all work is centrally coordinated and effectively managed. Each maintenance activity will have proper safety and operational reviews, including job safety analysis, documented procedures and proper closure. You will have real-time monitoring of all activities through our EIS (Executive Information System) and PECm (Procurement, Engineering, Construction management) software platforms, allowing you to track our performance in areas of safety, schedule, costs and productivity. Regular meetings at the operational and management levels allow for more in-depth analysis and continuous improvement for mutual benefits.

With our subsidiaries and alliance partners, we are able to provide a whole suite of plant maintenance services ranging from civil, mechanical, electrical & instrumentation, structural,

pipework, painting, scaffolding, insulation, fire proofing and hydro-jetting. Our maintenance services generally cover maintenance to tankage, process vessels, static and rotating equipment, electrical equipment and instrumentation & control equipment.

As your on-site single-source maintenance service provider, we are also ideally placed to effectively manage your plant turnarounds. With our intimate knowledge of your plant processes and equipment, our in-house engineering and project management expertise and our ability to mobilize a large and multi-disciplined workforce, we can effectively plan, manage and execute any of your turnaround requirements.

Similarly, any minor plant upgrading and revamping projects which you need to implement as part of a turnaround or on their own can be managed and executed by us. We have both the expertise and flexibility to provide either for the entire EPC/EPCm service or just the engineering, procurement, construction or project management services for these projects. Our experienced on-site maintenance workforce will provide timely and safe mechanical handover and commissioning, ensuring a seamless execution for your projects right to the end.