




Performance & Capability Consultants

Petrochemical

Increasing Performance, Reliability and Availability

 Accelerate Your Performance With PCC

Where Process Excellence Meets Profit Excellence

10-15%

Reliability Increase

Optimizing equipment performance and maintenance strategies to maximize uptime and production capability across petrochemical facilities.

5-10%

Throughput Improvement

Enhanced production flow and capacity utilization through process optimization and bottleneck elimination.

15-20%

Process Variability Reduction

Minimizing quality fluctuations and improving process stability for consistent, high-quality output and reduced rework.

Rapid Implementation, Measurable Results

First performance improvements visible within 90 days of program implementation with sustained growth thereafter.

Comprehensive Implementation Across Plant Lifecycle



Plant Lifecycle Implementation

PCC implement in all phases of the lifecycle management from plant Design and Construction to the Commissioning and Operation of industrial facilities. Our expertise and competencies include:



Operations & Maintenance Excellence

Implementing best practices and continuous improvement methodologies such as bottleneck elimination, bad actors, and root cause analysis to enhance plant performance and productivity.



Shutdowns & Turnarounds

Tailored methodologies for regular short-shutdowns and more complex TAR maintenance. Increasing schedule predictability and minimizing downtime.



Front-Line Capability

Site based leadership sessions and front-line team coaching, increasing performance capability and results focus, bringing Operations, Maintenance and Quality together.



Proven OEE & Reliability Success

Documented track record of performance improvement with demonstrated results in throughput, quality and asset reliability.

Petrochemical Approach

Key Success Factors



Performance & Capability Consultants

Process Optimization & Variability Reduction

Targeted improvement in Overall Equipment Effectiveness (OEE) Maximizing yield and quality through continuous improvement strategies.

Asset Management

Ensuring high uptime via robust maintenance strategies, predictive monitoring, and reduced MTBF. Developing culture of asset care at the front-line level that is linked to regular plant tours.

Safe and Efficient Shutdowns

Detailed planning, agile execution, and front-line empowerment to reduce duration and operational risks during regular product modifications and annual shut-downs.

Workforce Capability & Training

Building operator skills and a high-performance culture for leaders and front-line teams alike for sustainable results.

Compliance & Environmental Stewardship

Proactive handling of regulatory requirements and sustainability goals.