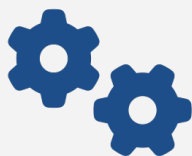


ASEC Operation and Maintenance

From Project Readiness to Operational
Excellence.

Technical Management, Operation, and Maintenance for
Petroleum, Chemical, and Industrial Projects.

A PROUD SUBSIDIARY OF ASEC HOLDING & QALAA HOLDINGS GROUP.



The Mandate

Specialized Technical Management, Operation, and Maintenance for heavy process industries, specifically targeting Refining, Petrochemicals, and Complex Chemical Facilities.



The Foundation

Built upon the robust investment and corporate platform of Qalaa Holdings, combined with the multi-decade industrial execution legacy of ASEC Holding.



The Differentiator

A scalable, project-specific operating model directed by Egypt's foremost petrochemical and refining executives, mobilizing elite professionals from across the MENA region.

Corporate Ecosystem & Financial Backing

Qalaa Holdings

Providing robust investment grounding, strict corporate governance, and sweeping regional reach.

ASEC Holding

The industrial bedrock.

Synergistic Capabilities

ASEC Engineering

Plant optimization and O&M intelligence.

ASEC Automation

Electrical systems, intelligent plant automation, and EPC control pathways.

ARESCO

Structural steel, heavy CNC manufacturing, and turnkey EPC capabilities.

ASEC O&M

The dedicated Operational Management and execution arm.

The Ecosystem Track Record

Proven delivery across the **ASEC** group companies



ASEC Engineering

Long-Term O&M

409+

Line-Years of continuous Operation & Maintenance experience.

484+ Million

Tons produced under direct technical management.



ASEC Automation

Electrical & Automation (ASA)

400+

Successfully delivered projects.

17

Countries

25+

Years of delivery



ARESCO

Heavy Fabrication & EPC

3,500+

Successful industrial projects delivered globally.

Since

1990

Proof of Chemical Mastery: The ACCM Standard

ACCM is one of the subsidiaries of Qalaa Holdings.



Global Scale

- **Egypt's largest** manufacturer and exporter of **Ground Calcium Carbonate (GCC)**.
- Export footprint reaching 50+ **countries** across 4 continents (Asia, Arabian Gulf, Africa, South America).

Process Precision

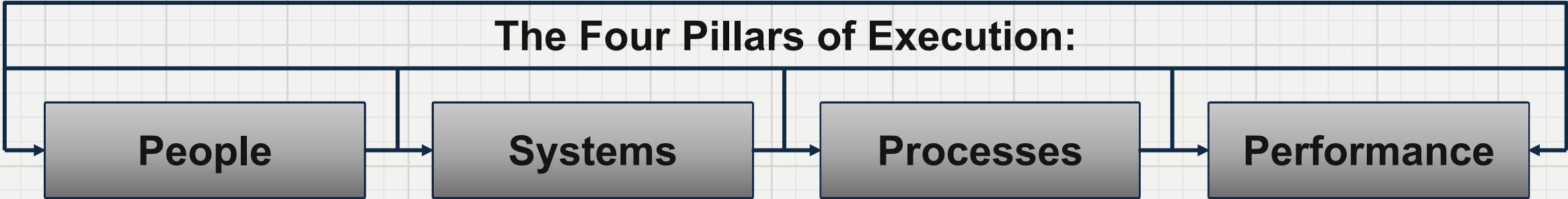
- Managing exact **specifications**: CaCO_3 strictly held at 99.18%, Silica at 0.09%.
- **Strictly controlled particle top cuts** (D97 and D50 metrics) utilizing advanced Alpine Hosokawa milling.
- Precisely controlled **stearic acid surface treatments** (0.8% to 1.4% tracking surface area).

Quality Governance

- **ISO 9001:2015** certified.
- **SOCOTEC** and **UKAS** accredited.
- Mastery of continuous **process optimization** and **lot-by-lot consistency** for **exacting end-users** (plastics, paints, glass).

The ASEC O&M Philosophy: Managed Responsibility

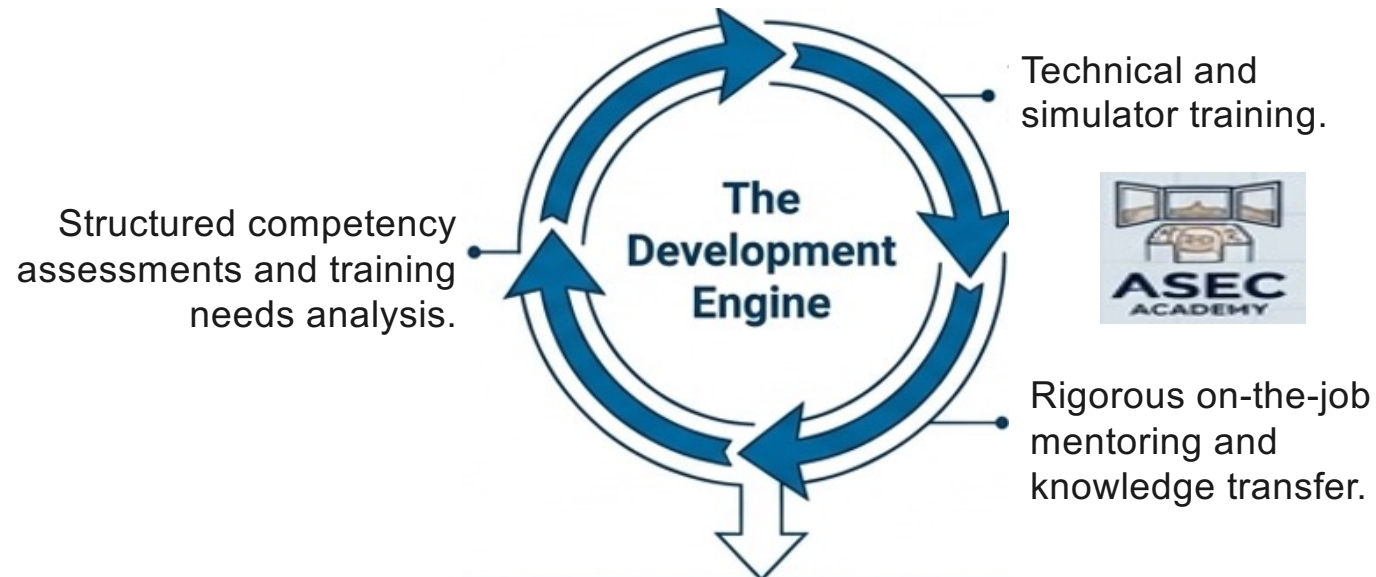
Traditional Contractor Model		Managed O&M Responsibility (The ASEC Approach)	
✗	Pure manpower supply and labor brokering.	✓	<i>Total accountability for safety, reliability, availability, and asset integrity.</i>
✗	Fragmented accountability.	✓	<i>Delivering integrated systems, procedures, and strict performance frameworks.</i>
✗	Reactive maintenance and isolated intervention.	✓	<i>Aligning O&M activities directly with the owner's long-term business priorities.</i>





Experienced Leadership

Mobilizing highly experienced senior professionals from Egypt and the Gulf region (petroleum, petrochemical, and industrial operations).



The Sustainable Output

Transitioning a facility from reliance on individual experts to a self-sustaining, competent, long-term O&M organization



Operations Management

Operating procedures, shift organization, performance monitoring, production coordination.



Maintenance & Asset Integrity

Preventive/predictive maintenance, mechanical/electrical/instrumentation planning, shutdown coordination.



Readiness & Commissioning

O&M readiness planning, start-up preparation, initial operation, and stabilization.



Reliability & Improvement

Equipment performance analysis, root cause analysis, availability improvement.



Technical & Advisory

O&M strategy, organization development, technical assessments, CMMS implementation.



Training & Competency

Competency frameworks, simulator training, rigorous assessment, and verifiable knowledge transfer.

Refining



Refineries, process units, utilities, offsites.

Petrochemicals



Olefin, polymer, and complex petrochemical facilities.

Chemicals & Fertilizers

Chemical processing, specialty formulations, and fertilizer plants.

Industrial Facilities

Complex plants requiring integrated, high-stakes technical management.

**Backed by immense financial and industrial strength.
Governed by elite industry veterans.
Driven by a philosophy of total operational accountability.**

Initiate Your O&M Partnership

Corporate Headquarters

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Executive Leadership

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