

Nawaf Salem Alawfi

T&I Engineer | PMP-certified Industrial Engineer with nearly 5 years of experience across project engineering, refinery turnarounds, static-equipment maintenance, project controls, and cost/commercial control. Currently coordinating 3 active storage-tank T&I projects at Saudi Aramco Yanbu Refinery totaling 1.15M BBL in combined capacity, while personally planning 3 additional tanks for 2027. Strengths include FEL and scope development, schedule recovery, field execution, contractor coordination, HSE/QAQC, RPO/SES control, handover, and closeout.

CONTACT

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CORE COMPETENCIES

Cost & Contract Control · FEL & Gate Readiness · HSE / QAQC / ITP · Operational Readiness & Handover · Primavera P6 & Schedule Control · Schedule Recovery & KPI Tracking · Scope / SOW / Work Packages · T&I · Contractor Management · Field Execution · Project Controls · Project Engineering

Project & Controls: Primavera P6 · Critical Path / Float Analysis · Look-Ahead Planning · S-Curves · Weighted Progress · EVM Analysis · EOT / Delay Analysis · TIA · Risk Registers

Systems & Analytics: SAP PM · SAP TIMS · Power BI · Advanced Excel · Microsoft Project · PowerPoint

T&I / Execution: Storage Tanks · Boilers · Lube-Oil Coolers · U-Type / Floating-Head / Vertical Heat Exchangers · Retubing Coordination · NDT / ITP Coordination · Hydrotesting · PTW / JSA · HSE / QAQC · Reinstatement · Box-Up · Handover & Closeout

PROFESSIONAL EXPERIENCE

Saudi Aramco Yanbu Refinery - Contract Turnaround & Inspection (T&I) Engineer

Yanbu, Saudi Arabia · Dec 2025 - Present

North Tank Farm | Storage Tanks | Prior T&I exposure: Lube-Oil Cooler & Boiler. Additional responsibility: Formally designated SME Backup for Aramco OE 4.5 - Safe Turnaround & Inspection, supporting OE assessments, compliance evidence, procedures, guidance, review meetings, and corrective-action follow-up.

- Lead end-to-end T&I coordination for 3 active storage-tank projects in Saudi Aramco Yanbu Refinery’s North Tank Farm, totaling 1.15M BBL in combined capacity, while personally planning 3 additional tank projects for 2027 and coordinating 2 contractor companies.
- Own FEL/preliminary planning, T&I Charter, scope development, scope challenge/freeze, SOWs, work packages, quantities, gate-readiness packages, risk registers, execution readiness, handover, and closeout requirements.
- Direct daily field execution and QA/QC interfaces; identified, escalated, and followed 18 field HSE findings through corrective action and closure, with 14 corrected in the same shift and the remaining 4 within 48 hours.
- Supported recovery of a critical-path tank project after contractor withdrawal by coordinating the transition, rebuilding priorities and resource plans, and implementing daily KPI reviews; control ongoing performance through P6, critical-path/float analysis, look-aheads, weighted progress, and forecasts.
- Develop preliminary cost estimates and control RPO/PO utilization, contract line items, quantities, unit rates, actual cost, forecasts, and additional work; verify SES and invoices against field completion and approved SOW before first-level sign-off.
- Built and maintained an Advanced Excel SES/RPO tracker and management dashboard linking line-item, payment, utilization, and balance data for weekly review; key status information became available within seconds while SAP remained the enterprise source of record.

	Olayan Descon Engineering Site Mechanical Engineer / Acting Project Engineer	Yanbu, Saudi Arabia · Sep 2024 - Dec 2025 YASREF LUBEREF SATORP - Coordinated 5 concurrent YASREF maintenance scopes within 6 total exchanger scopes (2 lube-oil coolers, 1 U-type, and 2 floating-head units); the U-type/floating-head group completed in 3 weeks vs. 4 planned (25% shorter), while the lube-oil coolers completed in approximately 1.8 weeks vs. 3 planned (approximately 40% shorter). - Coordinated the 5 completed exchanger scopes through NDT, hydrotesting, box-up, final acceptance, and return to service; the defined scopes achieved zero rework. Separately coordinated expedited preparation and dispatch of a vertical heat exchanger to the Eastern Province for off-site retubing. - Contributed to a previous refinery field assignment totaling 15,000+ manhours under area supervision with zero lost-time accidents and zero permit violations. - Led approximately 26 multidisciplinary personnel on the night shift during a two-month LUBEREF storage-tank maintenance scope, coordinating 12-hour shifts across welding, fabrication, safety, confined-space support, material handling, inspection, testing, hydrotesting, and box-up. - Worked with the workshop manager on end-to-end fabrication and assembly of a 1,999-tube floating-head heat exchanger for SATORP, from component fabrication and assembly through inspection, testing, and final acceptance.
	Panda Retail Company, Savola Group Category Management Associate - Electronics	Jeddah, Saudi Arabia · Nov 2021 - Sep 2024 Supply Chain Analytics Inventory Optimization Supplier Management - Managed a 500+ SKU electronics portfolio valued at SAR 5.5M+ annually and built a Power BI store-performance dashboard to analyze sales, guide inventory redistribution, and support replenishment decisions. - Reduced slow-moving inventory by 60% within one year through SKU-level run-rate analysis, performance-based stock redistribution, and data-driven replenishment decisions. - Served as Project Champion for the Panda-to-eXtra Clix electronics transition across 20 of 61 hypermarkets, using store-performance analysis to support SAR 6M in stock redistribution while contributing to a 3% margin uplift and maintaining a 93% service level. - Negotiated targeted promotional agreements with 3 suppliers on SAR 1.3M of selected inventory, securing approximately 30%-70% discounts and approximately 80% sell-through; remaining inventory was returned to suppliers.
EDUCATION	University of Business and Technology	Bachelor of Science Industrial Engineering · Grade: 3.23/5.00 · Graduation: 2020 Jeddah, Saudi Arabia
CERTIFICATIONS & PROFESSIONAL CREDENTIALS	Project Management Professional (PMP®) Accredited Engineer - Industrial Engineering Category Management Certification	Issued: Jun 2026 Project Management Institute Expires: Jun 2029 Saudi Council of Engineers Expires: Aug 2027 Issued: Dec 2022 Category Management Knowledge Group (CMKG)
LANGUAGES	Arabic English	Native Professional Working Proficiency