

# AYMAN FAHMY MOHAMED AHMED

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Date of Birth: February 1, 1977 | Nationality: Egyptian | Marital Status: Married

## PROFESSIONAL SUMMARY

Experienced Mechanical Superintendent & Steel Structural Specialist with over 21 years in supervisory roles across petroleum, petrochemical, and power plant construction projects.

Proven expertise in mechanical, piping (AG/UG), MEP, and structural steel fabrication and erection. Strong technical, organizational, and safety leadership skills, with extensive project management experience on high-profile projects in the Middle East.

## CERTIFICATIONS

- ✓ 14 Certificates from Aramco (Health & Safety Training)
- ✓ Safety Certificates from CCC, Bechtel, Technip, and Snamprogetti
- ✓ OSHA Certification (Occupational Safety and Health)
- ✓ Multiple Experience Certificates from Initec, Kahromika, SWCC, and others

## PROFESSIONAL EXPERIENCE

Arabian International Company

Mechanical Superintendent | Tanajib Gas Plant (TGB), KSA

- Main Contractor: Tecnicas Reunidas (TR) | Owner: Saudi Aramco
- Managed installation of over 100,000 tons of structural steel and 120 static/rotating equipment.
- Oversaw the mechanical and piping installation, ensuring timely and quality execution.
- Developed detailed progress tracking systems for materials and manpower.
- Coordinated with QA/QC and safety teams to adhere to project safety and quality standards.

Structural Steel Superintendent | Jeddah-Haramain Train Station

- Main Contractor: Yapi Merkezi | Owner: Dar Al-Handasah Consultants
- Led dismantling of 10,000 tons of steel structure from station roof in 60 days without incidents.
- Implemented effective lifting and rigging strategies to prevent structural damage.
- Ensured compliance with safety regulations and minimized operational disruptions.

Tank Erection Projects

- SWCC Desalination Plants (Haql, Duba, Umluj, Alwajh) – Erection of 8 tanks (diameters 35m-41m, heights 21m-25m).
  - Planned and supervised heavy lifting operations and tank assembly.
  - Verified weld integrity and alignment of tank structures.
- Delmon Cooking Oil Storage – Erection of 18 tanks (diameters 5.5m-21.5m, heights 10m-16m).
  - Managed welding, testing, and hydrostatic inspections.

Yanbu Power & Desalination Plant Phase 3

- Main Contractor: SEPCOIII | Owner: SWCC
- Installed over 70,000 tons of structural steel and 250 static/rotating equipment.
- Reviewed and approved construction drawings and installation procedures.
- Coordinated subcontractor activities to maintain project schedule integrity.

North Jeddah Sewage Project

- Main Contractor: Al Harbi Trading & Contracting Est. | Owner: National Water Company
- Installed over 30,000 tons of structural steel and 250 static/rotating equipment.
- Supervised welding, NDT, and hydrotesting for piping systems.
- Implemented strategies to enhance productivity and reduce rework.

## PROFESSIONAL EXPERIENCE

### Khursaniyah Gas Plant Project (KGP), KSA

- Main Contractor: BTJV (Bechtel-Technip JV) | Owner: Saudi Aramco
- Managed installation of over 176,000 tons of structural steel.
- Coordinated with engineering teams to resolve technical queries.
- Conducted regular site audits to enforce safety standards.

### Cairo West Power Station Project

- Consortium: Hassan Allam Sons & CCC | Owner: East Delta Electricity Production Company
- Installed over 20,000 tons of structural steel and 125 static/rotating equipment.
- Directed manpower planning and resource allocation for optimal efficiency.
- Verified mechanical completion and system turnovers.

### Golden Pyramids Plaza Project

- Joint Venture: CCC & Orascom
- Erected steel structures replicating the size of natural pyramids.
- Designed and executed customized erection plans for complex geometries.

## EDUCATION

- ✓ Mechanical Diploma
  - Taiba Higher Institute of Engineering, Cairo

## KEY COMPETENCIES

- ✓ Project Management & Technical Supervision
- ✓ Structural Steel Fabrication and Erection
- ✓ Piping Systems (Metallic, Non-Metallic, Jacketed)
- ✓ Heavy Equipment and Storage Tanks Installation
- ✓ Safety Leadership and Compliance

## TECHNICAL SKILLS

- Strong knowledge of ASME, ASTM, and API codes and standards
- Proficient in AutoCAD, Microsoft Office Suite (Word, Excel, PowerPoint)
- Expertise in Joint Integrity Management (JIM) Systems
- Technical Reporting, Planning, and Quality Management

## LANGUAGES

- Arabic: Native
- English: Excellent (reading, writing, speaking)

## ADDITIONAL PROJECTS

- Aircraft Maintenance Hangars Project (Jeddah) – SAEI | TAL JV | AIC subcontract
  - Supervised hangar structural steel assembly and mechanical systems.
- Propylene Oxide Project (PO), KSA – Main Contractor: Tekfen | Owner: SADARA
  - Coordinated mechanical and structural steel erection with stringent safety protocols.
- Dumyat Port 3 – Dodsai Indian | Steel Fabrication & Erection
  - Oversaw marine steel structures, ensuring durability against environmental stresses.
- Cairo North Power Station – PGESCO Consultant | MEP and Structural Steel
  - Managed HVAC systems and mechanical installation.
- Al-Masria for Cement – Orascom | Steel Fabrication & Erection
  - Supervised pre-cast and in-situ steel construction.
- Four Seasons Project – Hyundai | MEP and Steel Erection
  - Directed complex MEP systems installation and coordinated multi-discipline teams.

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## ROLES & RESPONSIBILITIES

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- Supervised site safety and construction quality in compliance with project specifications and ITP.
- Coordinated with clients, consultants, subcontractors, and internal teams to achieve project milestones.
- Prepared daily, weekly, and monthly construction progress reports.
- Developed and implemented Method Statements and conducted safety audits.
- Led reconciliation and punch list management for completed piping and equipment.
- Delivered staff training on safety procedures and construction best practices.
- Managed resource planning and logistics for large-scale construction operations.
- Provided technical solutions for complex engineering challenges and field modifications.

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## CORE STRENGTHS

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- Proactive and safety-focused leadership.
  - Problem-solving and innovative thinking.
  - Effective communication and teamwork.
  - Proven ability to manage multiple projects simultaneously.
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