





# Tomorrows Iraq

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# About

AAC improves the Iraq by bringing world-class knowledge to bear on its clients' most difficult problems. AAC's +900 personnel supply professional and technological solutions that ensure clients in Iraq receive safe, well-executed, and cost-effective projects. AAC has been offering engineering, procurement, and construction services for over ten years, although the company began its EPC operations in Iraq by providing heavy lifting equipment to EPC contractors since we had in-house heavy lift and logistical capabilities that enable us to offer unique pre-assembly, penalization, and modularization solutions that assure seamless transportation from the factory to the job site.

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AAC improves the Iraq by bringing world-class knowledge to bear on its clients' most difficult problems.

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# Vision & Purpose

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Our leaders, employees, and partners work in positive and creative new and safe way that helps our global clients, employees, communities and shareholders.

When we work with Esteemed Clients, we come up with new and long-term solutions that help everyone.

# Our Most Important Values

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As a group, we use AAC's Core Values as our guide. They help us to do what we should. The things we believe and how we build a better client what they are.

## ■ Safety

We love each other.

Living Safer Together is good for everyone, our communities, and the environment because it makes everyone feel safe.

## ■ Integrity

We do the right thing.

People who are trustworthy, accountable, and fair are who we are.

## ■ Teamwork

We work better when we work together.

Collectively, when we include, respect, and empower each other, we grow and become stronger as a group.

## ■ Excellence

We offer solutions.

Our high-performance teams take advantage of opportunities, solve problems, and keep getting better.

# Corporate Profile

There are many people who work for AAC, which is a public company that provides professional and heavy lifting services. They have been working on engineering, procurement, and construction projects all over the world for more than 30 years now. AAC's clients are some of the biggest names in energy and infrastructure.

Employees who are well-trained and live in the area bring their commitment to high ethical standards and strong health, safety, and environmental practices to the company. With more than 100 years of experience on some of Iraq's most difficult projects, AAC can help clients find innovative, long-term solutions.

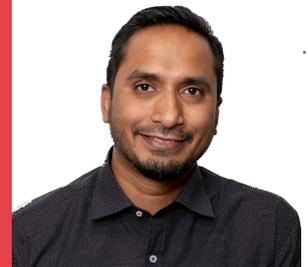




# Leadership

**They do not just manage the Group, but move it forward**

The ACC management are world-class experts in exploration. We have created a union of recognized authority in the industry and young and vigorous managers.



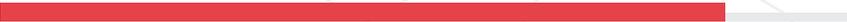
Chairman

Riyadh Mohammed Abdul Kadhim



CEO

Maitham Talib Naji



Director of Business Developments

Sadiq Basha



Pipeline Technical Director

Murali G



Cheif of Process Manager

Jeyaraj S



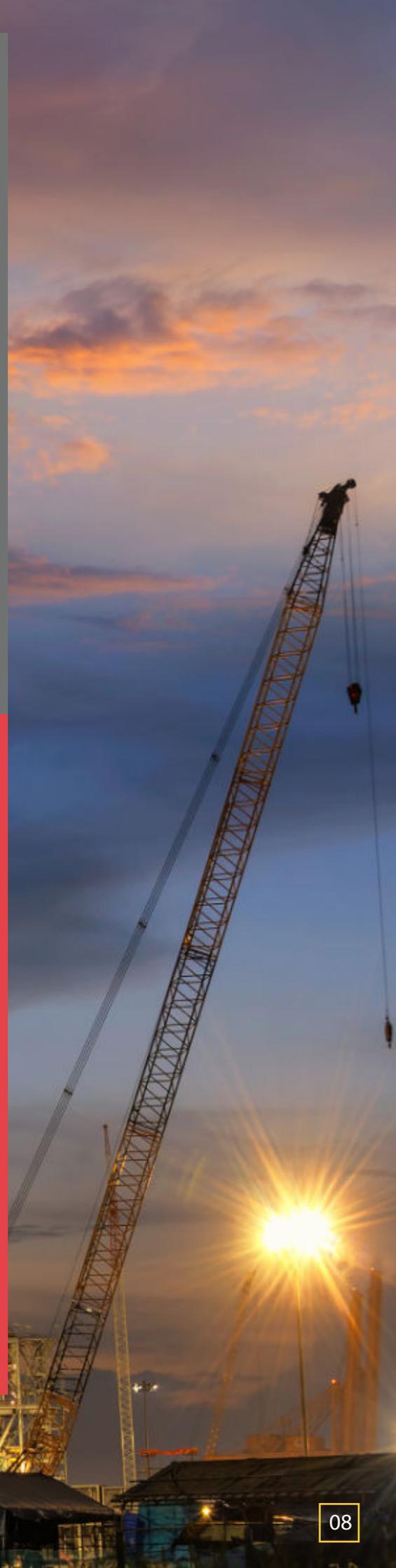
A large-scale construction project is captured at dusk. The scene is dominated by a massive lattice boom crane on the left, its long jib extending towards the top of the frame. In the background, another crane is visible. The central focus is a complex structure of steel beams and scaffolding, illuminated by numerous bright lights that create a warm, golden glow. The sky above is a deep blue with scattered clouds, and the overall atmosphere is one of intense industrial activity.

# Corporate Information

AAC has been providing Iraqi clients with safe, well-executed, and cost-effective projects because to its expert and technological solutions.

Expertise in Processes, Systems, and Proprietary Technologies Supports Successful Projects.

Clients rely on AAC to meet their business needs and help them become more successful in their Capital Efficiency. People from AAC work with a wide range of clients to come up with cost-effective, new ideas for capital projects. When AAC works with clients, they come up with the best ways to get high-quality capital projects to market safely, on time, and within budget.





Because of today's energy transition and the Fifth Industrial Revolution, the heavy lifting and construction industry has to change at a rate that hasn't been seen before. With projects that are bigger and more complicated than ever before, it's not enough to just follow the rules. It's a way of thinking our employees have that helps them get results to customers safely.



Leveraging our 10 years history of delivering nation-building infrastructure, we provide technical expertise and advanced engineering services to resolve complex challenges across the project lifecycle, from initial concept, feasibility, planning and design through to construction, commissioning, and operation and maintenance.



Through our network of global specialists collaborating with local partners, we connect you with the best teams and capabilities to deliver fit for purpose and sustainable solutions. Our design leadership and value-driven partnerships have been recognized by numerous global and industry awards.



# Innovation

“ Innovating the Iraq’s Most Challenging Projects ”

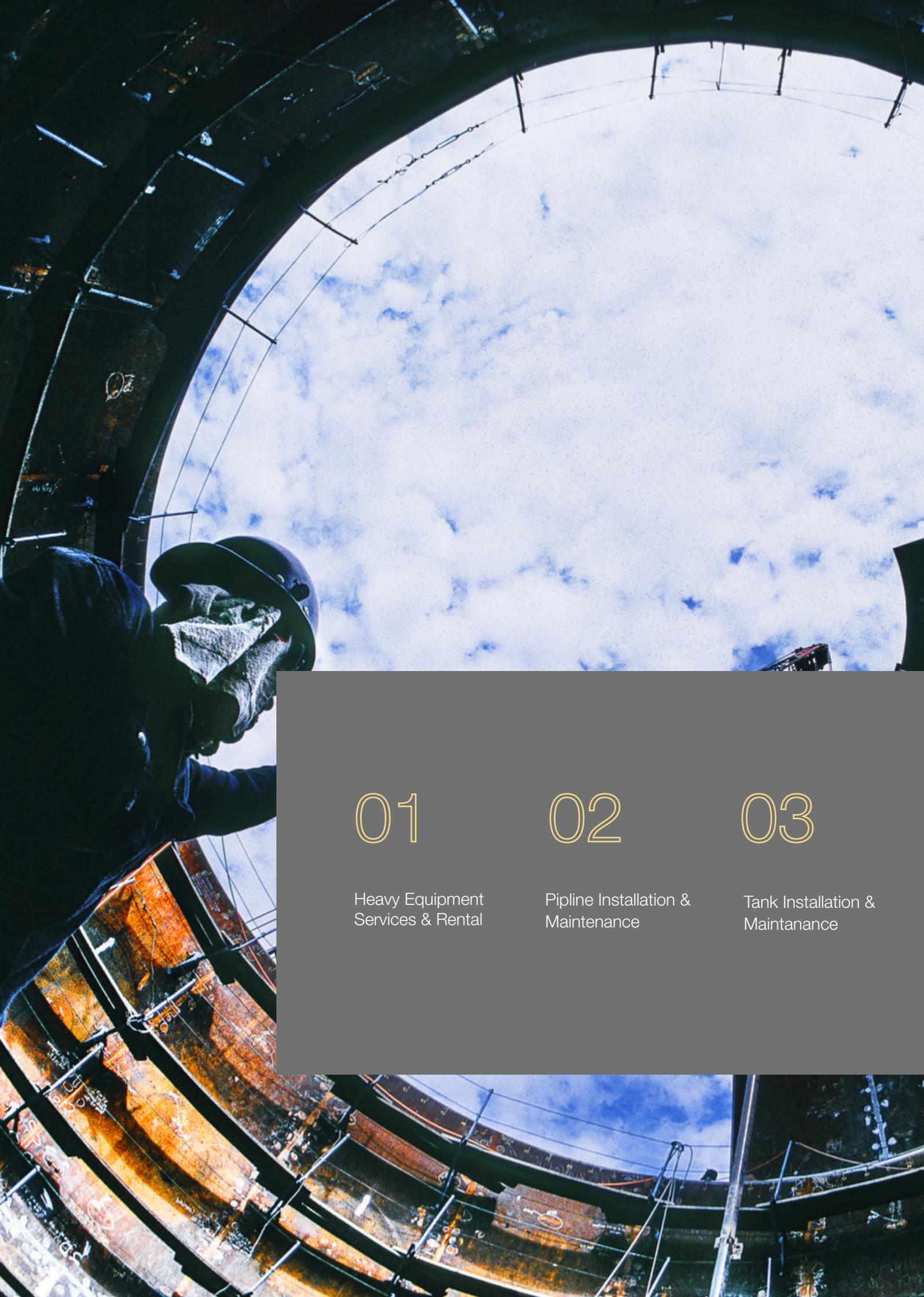


Collaborating closely with our parent and sister companies, we have the flexibility to operate in global markets either individually or in partnership to drive greater value for our clients.



AAC let's its employees come up with new technology, work processes, and ways to design. AAC invests in ideas that can make projects run more smoothly and help them be more successful.





01

Heavy Equipment  
Services & Rental

02

Pipeline Installation &  
Maintenance

03

Tank Installation &  
Maintenance

# Services

We offer a wide range of EPC services to clients in a wide range of industries, saving them time & money and ensuring the success of their projects.

As long as the project is complex, AAC can do it anywhere in the world. AAC has more than 1,000 people in Iraq and can work on projects around the clock. This means that clients get the quality and safety they want from their projects.

04

Fabrication Tanks,  
Vessels & Structures

05

Oil Field  
Civil Works

06

Design  
Engineering

# 01

## Heavy Equipment Services & Rental

With an unequal fleet of equipment, AAC delivers safe and cost-effective means of carrying huge and heavy things.

1

### Longstanding Experience

AAC began in 1990 when a commercially driven identified the expanding demand for heavy load transportation. With a global experience in practically every sort of heavy transport, AAC now serves customers in virtually every major sector.

2

### Specialized Heavy Transport Equipment

AAC's modern fleet of heavy-duty transportation equipment is unmatched in range and capacity. It includes everything from conventional trailers and barges to skidding systems and self-propelled modular transporters that move on their own (SPMTs - Self-propelled modular transporter). As parts, modules, and equipment get bigger and more complicated, AAC's skilled engineers often make changes to existing systems to meet new needs. This is because each load has its own unique needs.

AAC has made its own equipment because of all the years of new ideas in heavy transportation. That's right, the SPMT itself was created by AAC. Since then, the SPMT has been made better and better to become a standard piece of heavy-duty transportation equipment across the industry.

3

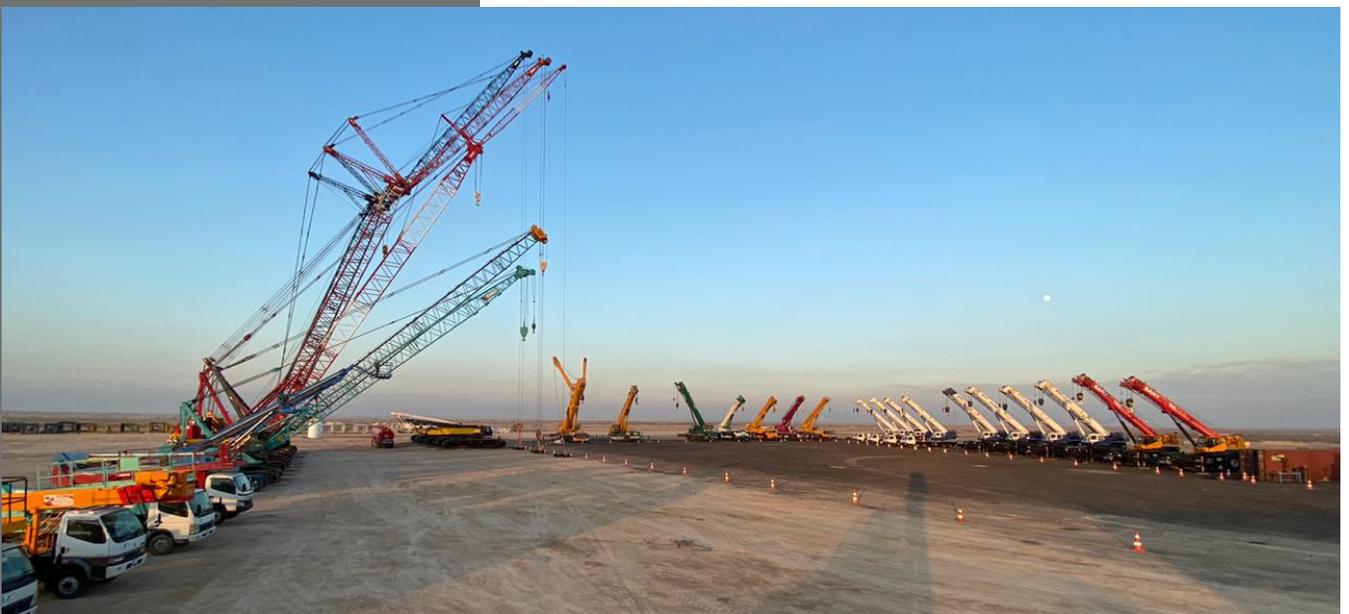
## Reliability and Safety

AAC has a state-of-the-art fleet of tools and vehicles to make sure that every job we do is done to the same high standards of quality, safety, and reliability. Each piece of equipment is thoroughly cleaned and checked above and beyond the manufacturer's recommendations to meet AAC's own standards. It helps our clients have more peace of mind when we use advanced diagnostic tests, like lubricant analysis, to find problems before they happen.

4

## Logistical expertise

It all comes together with AAC's cutting-edge equipment, creative engineering, and global logistics skills. This is part of our heavy transport logistical services. Our engineers and operators plan routes, identify bottlenecks and contingencies and plan for interfaces between modes of transportation. They also handle local transport permits and cross-border border crossings. AAC can come up with ways to get around narrow or steep roads, either by changing how we use heavy equipment, making changes to the local infrastructure that make the move possible, or finding a better way to get there. Shortening the time, it takes to move things, and making sure the logistics are done safely and on time, helps our client's important parts get to their destination on time, which helps the project go as smoothly as possible.



# Equipments Fleet

Mobile Cranes

# 100

■ 7 - 500 TONS



Boom Truck

# 18

■ 12 - 30 TONS

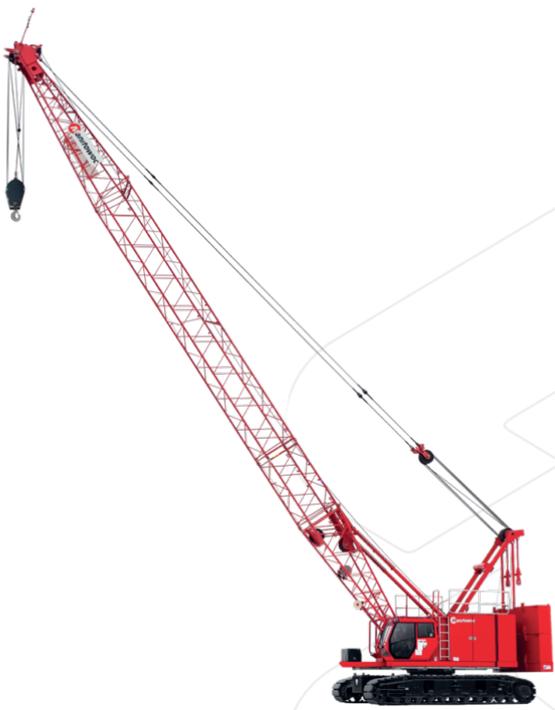


Fork Lift

# 120

■ 3 - 16 TONS





Crawler Crane

28

■ 70 - 600 TONS



4 Wheel Crane

27

■ 70 TONS



Flat Trucks

55

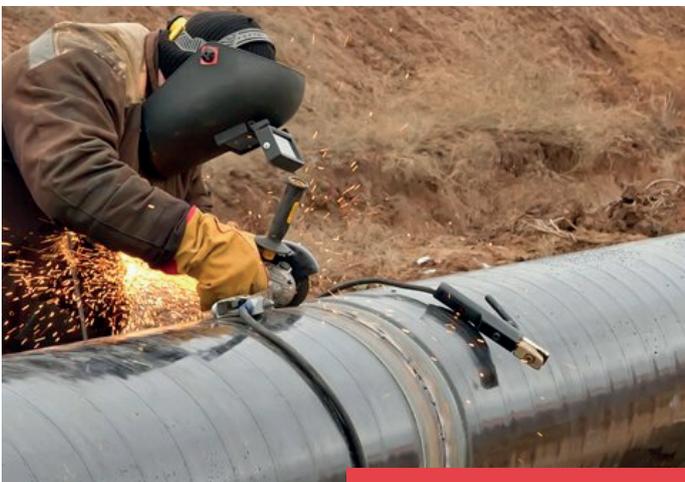
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# 02 Pipeline Installation & Maintenance

AAC provides pipeline and utility building and maintenance services across Iraq. As a prominent local pipeline firm, we are committed to the highest standards of safety, quality, integrity, innovation, customer satisfaction, and indigenous participation.

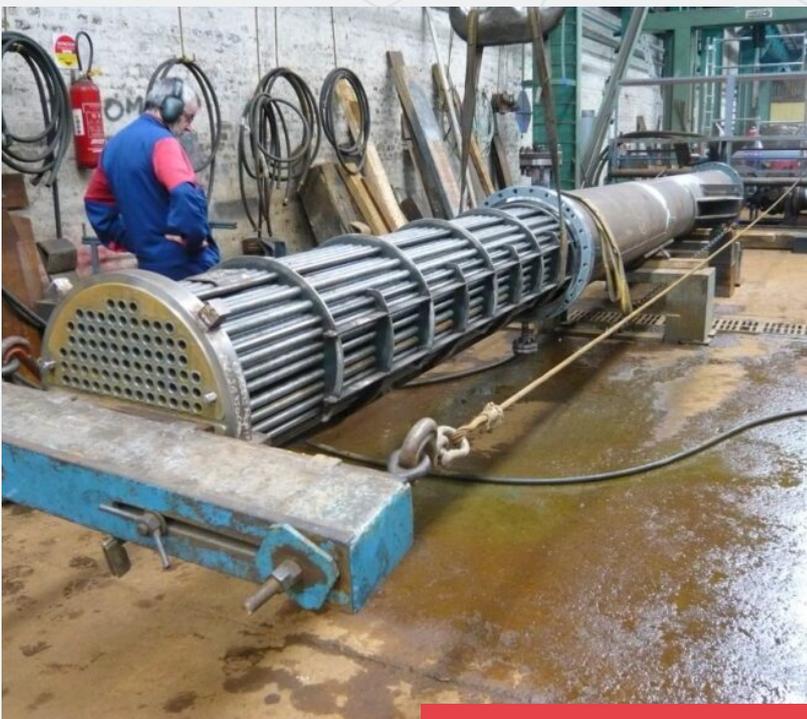


Over a decade of pipeline repair experience, with several hotline excavations conducted throughout Iraq  
Extensive expertise in pipe preparation and coating  
Hydrostatic testing, pipe replacement, pipe repair, geotechnical work, environmental protection, re-coating of stations, line lowering, and expertise installing pipelines and facilities.



Our organization is built on the principles of health, safety, and the environment. From management to subcontractors, our whole crew is committed to service and safety. Our performance on all pipeline projects is constantly monitored, measured, and improved to ensure that we adhere to the stringent standards to which we hold ourselves.

Our objective is to be a dependable partner in delivering pipeline integrity and construction services to our clients. Our experience, capability to create solutions, and unrelenting client focus will continue to define us.



**In-Plant Valve & Flange / Vessel  
Tube Bundle Maintenance**

- Preparation / Descaling
- Abrasive Cleaning
- Hydro Blasting
- Jet Cleaning

**Field Pipeline / Pipe Spool  
Repair and Maintenance**

- Composite Reinforced Sleeves  
(TYPE A & B Sleeves)
- Mechanical Clamps  
(Bolt-on clamps & Leak Clamps)



# 03 Tank Installation & Maintenance

AAC provides complete engineering, procurement, and construction (EPC) services for new tank construction on-site. We have the capability to construct all types of tanks, including spherical tanks and atmospheric tanks (cone roof/dome roof/floating roof tanks) in accordance with API 650 & API 620 standards.

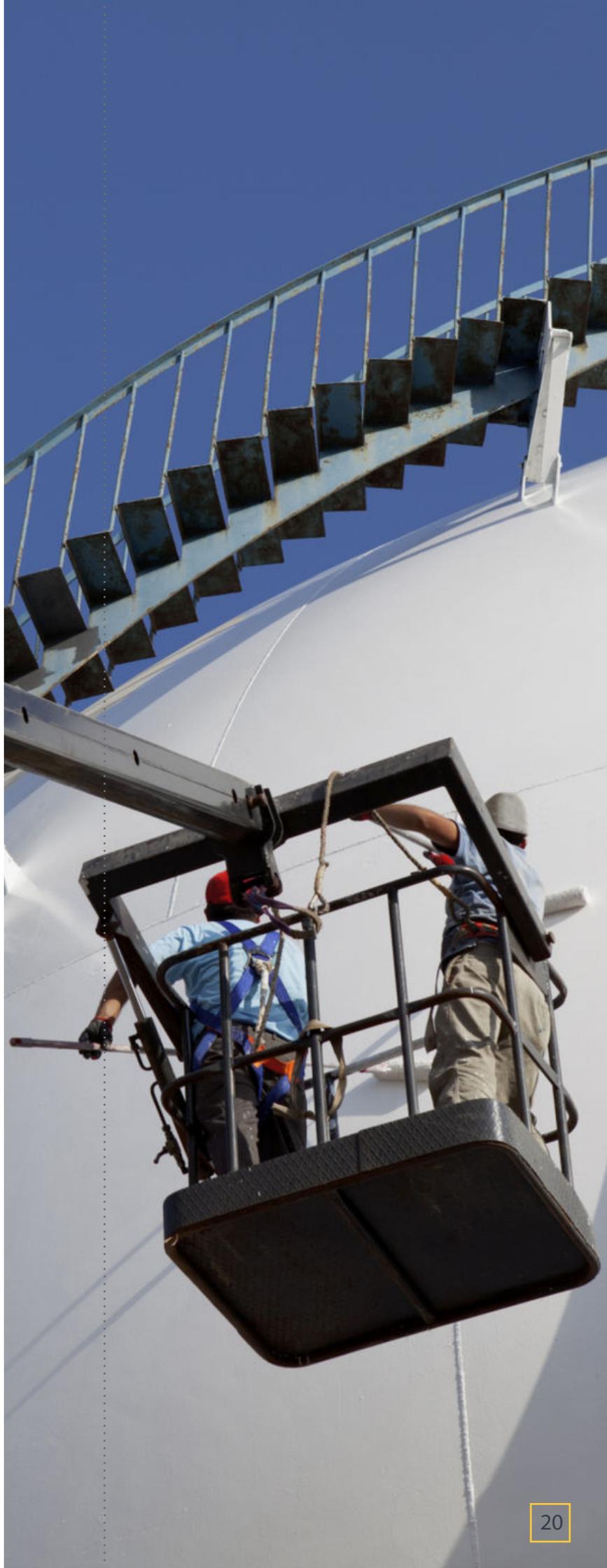
Along with the traditional field erection approach, and as part of our unwavering dedication to quality, safety, and labor productivity, we have automated and mechanized our tank fabrication and building operations.

## Welding Automation Equipment

- Automatic Vertical Up Seam Welding Machine
- Automatic Horizontal Girth Seam Welding Machine
- Automatic Butt/Corner Seam Welding Machine
- Hydraulic Lifting System

# TANK REHABILITATION & MAINTENANCE WORKS

- Demolition & Reconstruction or Conversion of Tank Roof: Internal/ External Roof, Cone Roof, Dome Roof
- External/Internal Jack-up for: Tank Bottom or Annular Plates Repair & Replacement
- Installation of Tank Bottom Plate
- Repair & Replacement of Floating Roof Drain System, Rolling Ladder
- Repair or Replacement of Tank Internal Heating Coil, Sparger Pipe System, Water Draw-off Piping
- Repair & Replacement of Tank Shell/Roof Nozzles, Manways, Venting Systems
- Repair & Replacement of Fire Water/ Foam Pipe System
- Other Rectification Works: Tank Shell Buckling
- Hydro-Test & Handover
- Scaffolding



# 04 Fabrication Tanks, Vessels & Structures

## ▣ Pressures Vessels

AAC's capacity to fabricate and deliver Pressure Vessels, together with our considerable experience in Cutting and Machining, Blasting and Coating, Welding, Forming, and Testing, enables us to safely participate in a variety of categories ranging from basic to complicated. We have a capable staff that coordinates Engineering and Design between customers and manufacturers, as well as between international norms and standards.

AAC is equipped with cutting-edge technology and a highly experienced and certified crew to accomplish a variety of configurations, sizes, and forms of:

### Storage Tanks

Above ground, Underground  
Crude Oil, Lube Oil, Fire Water  
Industrial, Commercial  
Vertical, Horizontal  
Sphere, Cylinder

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### Heat Exchangers

Shell and Tube Exchangers  
Evaporators and Boilers  
Double Tube Thermal Exchangers  
Plate Heat Exchangers

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### Process Vessels

Separators  
Reactors  
Lined Process  
Autoclave



## □ Offshore Structures

Fabrication of large offshore structures is a specialty of AAC for the general marine, offshore renewables, and oil & gas sectors. AAC's core group of engineers brings a lot of expertise and experience to bear on delivering really valuable steel structures with an exceptional level of service.

AAC is prepared and experienced in the application of international standards such as DNV, NACE, ISO, ANSI, ASME, BS, ASTM, and AWS.



- Offshore Vessels
- Drilling Platforms - bridges, booms, decks, living quarters, process skids
- Ro-ro Ramps
- Headstocks
- Pontoon
- Dolphin
- Gangway
- Subsea Structures

# 05

## Oil Field Civil Works

AAC has a diverse variety of skills across all disciplines, a large team of highly talented and experienced individuals, and a civil division capable of managing and executing any type of civil construction work.

The civil division has completed a variety of projects for both the public and private sectors. We specialize in the construction of MEW substations, control rooms, process and utility stations.

### Civil – Sand Blasting & Painting Work

Surface preparation

Abrasive blasting

Application of the coating

### Civil Super Structure Works

Frame Works

Concrete Column, Beams and RC Walls

### Civil Foundation Work

All types of foundation Work

Pipe Line Construction Work

Excavation & Ducts Laying

Layer by Layer Compaction/Backfilling Work

Reinforcement Work

Casting of Concrete by Crane/ Concrete Pump

### Civil Foundation Work

Block Works (Hollow & Solid Blocks)

Waterproofing Work, Liquid Waterproofing and Membrane

Plastering (External/Internal Plaster) & Carpentry Work

Tile Works (Ceramic, Terrazzo Tile)

Marble Work

Flooring & False Ceiling (including Access Floor Work)

Re-Factory work for Burners

Painting Work (All types of paint works, emulsion, epoxy, acid resistance paint)

Installation of doors and windows

Installation of Chain Link Fencing Work With

Galvanized Razor Barbed wire Re-Factory work for Burners

Landscaping Work (Soft & Hard)



# 06

## Design Engineering

AAC has Design offices in India, which will help clients with their projects round the clock. Civil, electrical, mechanical, piping, and structural engineers are just some of the types of engineers. There are also more advanced specialties like simulation, enterprise integration, integrated automation processes, and interactive 3D and 4D modeling.

### Design Solutions Align with Client Objectives.

AAC's conceptual design skills make sure that each project's function, scope, cost, and schedule are all aligned with the client's goals so that the project will be a success through quality Internal Communication. The conceptual design phase is the best time to look at business, commercial, and technical risks; and to make sure our clients get a good return on their investment (ROI).

- Builds early consensus across all disciplines and functional areas
- Connects each project activity and decision to the estimate
- Details EPFC in a conceptual design report
- Establishes a detailed estimate
- Reduces the number of change orders
- Solves the project's issues prior to execution

# Front-End Engineering & Design (FEED)

Before making a capital investment in a project, look at the project's needs. AAC's front-end engineering and design (FEED) teams have a lot of experience with similar services for clients in a wide range of industries. They write up documents that will help clients make future investments through our partners PETROKENS permanently stationed in India.

## Pipelines

Oil and gas wellheads facilities, oil and gas processing  
Gathering systems through to transmission pipelines  
Pumping, compression, pressure reduction and metering  
Pig launcher/receiver, scraper stations and MLV  
Gas storage  
Gas and water reinjection  
Liquifaction  
Dehydration  
Flow assurance and hydrate prevention  
Carbon dioxide and hydrogen sulphide removal  
Mercury removal  
Tank farms, import/export facilities  
Truck load/unload stations  
Water and sludge processing

## Oil & Gas

Oil and gas wellheads facilities, oil and gas processing  
Gathering systems through to transmission pipelines  
Pumping, compression, pressure reduction and metering  
Pig launcher/receiver, scraper stations and MLV  
Gas storage  
Gas and water reinjection  
Liquifaction  
Dehydration  
Flow assurance and hydrate prevention  
Carbon dioxide and hydrogen sulphide removal  
Mercury removal  
Tank farms, import/export facilities  
Truck load/unload stations  
Water and sludge processing



# PROJECTS

We work on projects of any complexity

We implement projects in various regions of Iraq.

## Pipeline

Scope	Client	Project	Brief	Period
EPC	South Oil Company SOC	Nasiriya,Basra Gas	Pipeline	2008 - 2008
C	CNPCC/CPEC C	WS2 Pipeline	Pipeline in Ahdeb Oil Field 20 km	2010 - 2011
C	CNPCC/CPEC	Ahdleb Oil Field Pipeline	B2 of EXL 32 3 km Gas Pipeline 16"	2010 - 2011
C	CNPCC/CPEC C	Ahdleb Oil Field Pipeline	B1 of EXL 2 and 72 ,3 km Crude Oil	2010 - 2011
EPC	Water Resources Company/NS CC	48" Hdd Pipeline Crossing Shat Al Arab	7 HDD Crossings, 1200 m Each	2010 - 2012
EPC	CNPCC/CPEC	FSF Pipeline	6" Flow Line and 16" Trunk Line 120 km	2011 - 2012
EPC	IGC	Baqouba Gas Pipeline	32" Gas Pipeline from Naft Khana to Mansouriya Power Plant Station (40) km	Pipeline
C	SHELL/ CPP	20" Pipeline Construction Majnoon Oil Field	Construction of 30 km 20" Pipeline	Pipeline
EPC	Lukoil Middle East	Water Crossings for The West Qurna Field (2nd Phase	850 m Water Canal Crossing, 42" Pipe by Open Cut.	Pipeline
PC	BGC	Pipeline/Piping and Civil Works	Pipeline Rehabilitation Project included extensive E&I Works	Pipeline
C	SECL	Zubair new DGS Project	Piperack,Piping Network	Pipeline

## Lifting

Scope	Client	Project	Brief	Period
PC,heavy lifting	Ministry of Municipalities	The railway 400KM project	IRAQ,from Al- Qadisiyah Governorate to Basra Governorate.	2009 - 2014
PC,heavy lifting	MOH	The Germany 200 bed hospital	IRAQ,Baghdad.	2010 - 2012
PC,heavy lifting	Ministry of Municipalities	Al Rustemiya sewage plant	IRAQ,Baghdad.	2012 - 2015
PC,heavy lifting	Ministry of Municipalities	Al-Buithah sewage plant	IRAQ,Baghdad.	2012 - 2014
PC,heavy lifting	MOH	400 bed hospital	IRAQ, Al- Qadisiyah	2010 - 2014
PC,heavy lifting	Ministry of Municipalities	Sewage plant	IRAQ, Al- Qadisiyah	2011 - 2015
PC,heavy lifting	MOE	Electricity gas station	IRAQ,AL Khayrat Karbala	2012 - 2016
PC,heavy lifting	MOE	AL hadreah power plant	IRAQ, Najef.	2016 - 2017
PC,heavy lifting	MOO	Karbala Refinery Project	IRAQ, KRB	2015 - On going

## Tank

Scope	Client	Project	Brief	Period
PC	MOC	Kut Depot	BGC 2 Nos. of 10000 m3 Gasoline Storage	2008 - 2009
EPC	Samawa Refinery	Samawa Refinery	3 Nos. of 2000 m3 Diesel Tanks-Fixed Roof Type	2008 - 2009
PC	STX	Diwaniya Power Plant Station	8 Fixed Roof Tanks (size 2000 m3)	2011 - 2012
C	BETA	Karbala Power Plant Station	8 Fixed Roof Tanks (size 2000 m3)	2011 - 2012
EPC	CNPCC/CPECC	Stell Structure	Superstructure (Steel) Pipe Rack Inside CPF	2011 - 2012
EPC	Ministry of Electricity	EPC for 4 Floating Roof Tanks	4x5000 m3 Floating Roof Tanks at Mussaib Power Plant	2012 - 2013
C	SECL	Zubair new DGS Project	Tank erection work(7Nos, 1600 ton)	2016 - 2017

## E&I Works

Scope	Client	Project	Brief	Period
C	Weatherford, Petronas	Garraf CPF	Cable Trays, Conduit Installation, Wire Pulling Fire & Gas Detection, Field Instruments Cathodic Protection, Earthing System, Emergency Communication System, Fiber Optic Networks	2012 - 2012
EPC	Weatherford, Petronas	Bina Bawi CPF	Cable Trays, Conduit Installation, Wire Pulling	2012 - 2012
C	Leighton Offshore / South Oil Company	Fao Terminal. Crude Oil Loading Farm	Cable Trays, Conduit Installation, Wire Pulling	2014 - 2014
EPC	Electricity Technoengineering, Lukoil		(E&I Works, OHL, Telecom Systems)	2013 - 2013
PC	BGC	Pipeline/Piping and Civil Works	Pipeline Rehabilitation Project included extensive E&I Works	2015 - 2015

## Civil Works

Scope	Client	Project	Brief	Period
PC	Petrofac/Mercury	Petrofac Base	4 Buildings About 700 m2 Area for Each Building	
EPC	CNPCC/CPECC	Stell Structure	Superstructure (Steel) Pipe Rack Inside CPF	



# Clients

AAC has a diverse variety of skills across all disciplines, a large team of highly talented and experienced individuals of managing and executing any type of EPC work.





# Partners



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Registered







#### Headquarters

Al Burjesia St, Rumaila, Basra, Iraq

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#### Other Branches

Office 904, Sheik Mohamed Bin Ali Bin Rushed Alnuame ,Deara,  
Alnahed Alawel, Dubai,UAE

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184, Jungbu-Daero, Giheung-Gu, Yongin-Si, Gyeonggi-Do, 17095  
Republic Of Korea

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ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018