MECHNEX
ENGINEERING & CONTRACTING

INSPECTION · TESTING · ANNUAL CONTRACTS

Ready on the day it matters.

Maintenance & O&M Profile · 2026

AN AL-RIFAI GROUP COMPANY KINGDOM OF SAUDI ARABIA



ABOUT THIS PROFILE

Maintenance that keeps every system ready.

MECHNEX provides planned maintenance, testing and repair for fire, security, HVAC, electrical and plumbing systems across the Kingdom.

We work to written schedules, report every visit and keep systems compliant, so they work when they are needed and pass every inspection.

- Planned Maintenance
- Testing & Inspection
- Fault Response
- Annual Contracts



MAINTENANCE AT A GLANCE

Maintenance, across the Kingdom.

100+

Clients served

Buildings, schools, factories and warehouses

13

Regions covered

Every administrative region of the Kingdom

6

Disciplines

Fire, alarm, security, HVAC, electrical, plumbing

100%

Visits reported

Written report after every visit

Dedicated maintenance and service teams

DESIGN · SUPPLY · INSTALL · MAINTAIN

WHAT WE DELIVER

One maintenance contract for every system.



01

Fire fighting systems



02

Fire alarm systems



03

Fire pumps



04

Fire extinguishers



05

HVAC & smoke control



06

Electrical & plumbing



01

PLANNED MAINTENANCE

PREVENTIVE

Planned Preventive Maintenance

Scheduled inspection, testing and servicing that finds problems before they become failures.

- Written maintenance schedules
- Inspection and testing
- Servicing and cleaning
- Visit reports
- Defect lists and quotations
- Compliance records



Panel servicing



Plant maintenance



Valve inspection



02

CONTRACTS

ANNUAL CONTRACTS

Annual Maintenance Contracts

One contract and one team for all building systems, with clear scope, schedules and reporting.

- Single point of contact
- Agreed visit schedule
- Fault response
- Spare parts supply
- Upgrades and replacements
- Monthly reporting



Digital reporting



Planning



Testing

MAINTENANCE PROGRAMME

A typical planned maintenance schedule.

System	Frequency	Typical activities
Fire pumps	Weekly / annual	Run tests, controller checks and annual flow test
Sprinklers & valves	Quarterly / annual	Valve and gauge checks, alarm tests, inspections
Fire alarm	Semi-annual / annual	Device testing, panel and battery checks
Extinguishers	Monthly / annual	Visual inspection and annual maintenance
Emergency lighting	Monthly / annual	Function tests and full-duration tests
HVAC & smoke control	Quarterly	Fans, dampers and filters

Final frequencies follow the applicable NFPA standard, the manufacturer and the client's contract.

MAINTENANCE STANDARDS

Maintained to recognised standards.

Standard	Scope
NFPA 25	Inspection, testing and maintenance of water-based systems
NFPA 72	Testing and maintenance of fire alarm systems
NFPA 10	Inspection and maintenance of extinguishers
NFPA 101	Emergency lighting testing
SBC 801	Saudi Fire Code

FROM START TO HANDOVER

How a maintenance contract runs.

01 **Survey**
Asset survey and condition review.

02 **Proposal**
Scope, schedule and price.

03 **Mobilise**
Team, tools and asset register.

04 **Maintain**
Scheduled visits and tests.

05 **Report**
Visit reports and defect lists.

06 **Improve**
Repairs, upgrades and renewal.

One point of contact, from survey to handover.

DESIGN · SUPPLY · INSTALL · MAINTAIN

SCOPE OF CAPABILITY

Full life-cycle delivery for every system.

System	Inspect	Test	Service	Repair	Report
Fire fighting systems	✓	✓	✓	✓	✓
Fire alarm systems	✓	✓	✓	✓	✓
CCTV and security	✓	✓	✓	✓	✓
HVAC and smoke control	✓	✓	✓	✓	✓
Electrical systems	✓	✓	✓	✓	✓
Plumbing systems	✓	✓	✓	✓	✓



KINGDOM-WIDE COVERAGE

Maintenance teams in every region of the Kingdom.

Teams operating from Riyadh, Jeddah, Madinah, Taif and Jazan deliver and maintain building systems across all 13 regions.

OPERATING CITIES

- Riyadh
- Jeddah
- Madinah
- Taif
- Jazan

SECTORS WE SERVE

Built for the buildings our clients run.

01

Banking & Offices

Annual contracts for branch networks.

02

Retail & Malls

Planned maintenance for large public buildings.

03

Industry & Factories

Compliance testing for factories.

04

Warehouses & Logistics

Fire and electrical upkeep for warehouses.

05

Healthcare

Life-safety maintenance for healthcare.

06

Education & Hospitality

Term contracts for schools and hotels.

Every system designed around how the building is used.

SURVEY · DESIGN · INSTALL · MAINTAIN

BRANDS WE SUPPLY & INSTALL

Systems we maintain, across every discipline.



OUR CLIENTS

Trusted by 100+ clients across the Kingdom.



ONE COMPANY, EVERY SERVICE

Part of an integrated MEP contractor.

Maintenance is the service that ties MECHNEX together. The team that installs your fire, security, HVAC, electrical and plumbing systems keeps them running.

01
Fire Protection

02
CCTV & Security

03
HVAC & Ductwork

04
Electrical Works

05
Plumbing Works

06
Maintenance & O&M

Ask for the MECHNEX main company profile, or the profile of any service above.

WHY MECHNEX

Why clients choose us for maintenance.

01

One contract

Every building system under one agreement.

02

Reported visits

A written report after every visit.

03

Compliance

Records ready for every inspection.

04

Fast response

Teams operating across the Kingdom.

TRUSTED BY

MECHNEX
ENGINEERING & CONTRACTING

GET IN TOUCH

Let’s keep your systems ready.

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