



REGENCY SAUDI
Contracting Company

*HVAC / Electro Mechanical Workshop
& Technical Services*

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Resco is one of the first enterprises in the electrical equipment sector, perhaps in the Gulf region as a whole. Standing tall on its strong foundations laid thirty years ago, Resco now enjoys a considerable share of the market share and is hard at work to consolidate its coveted position at the top, always striving for more. Resco handles almost every aspect of electrical goods and services, including maintenance. The equipments offered by Resco cover the entire spectrum of devices in all its variety, each with the unique advantage of quality and class from this trusted business house. The full fledged workshop facility gives Resco the edge over its competitors that translates to affordable and timely completion of projects for its ever expanding clientele. Customer satisfaction is the key motive to every Resco merchandise. Be it high performance industrial motors or electrical equipments, Resco gives quality assurance while offering a services to our clients

Business activities of Resco Include :

Rewinding Works :

- Full Fledge Workshop for Rewinding all type of AC/DC Motors, Stators, DG Alternators, Sewage water pumps, Submersible pumps, Transformers, Tower lights, Bar bending machine etc.
- Latest technology to undertake any type stator rotor of the motors and Generators capacity ranging from 100KVA to 2000KVA.

A/c Electric Motor Rewinding & Rebuilding

- SINGLE PHASE MOTORS
- Three phase motors up to 2000 kw
- Three phase motors with formed coils
- Three phase motors over 600 volts up to 6.6 kv wound routers
- A/c gen or rewinding 2000 kva & over
- Brush shifting motors
- Hazardous area equipment rebuilding break coils

Field Service

- Generator installation / on Site repairs of generator & electric motors
- Pumps installation
- Submersible Pumps & de watering pumps repair

Speciality Machine Rewinding Or Rebuilding

- Servo
- Traction
- Hermetic
- Hoist

Transformer Servicing

- Air - cooled rebuilding
- Air - cooled rewinding
- Oil - filled rebuilding
- Oil - filled rewinding
- Welder transformer rewinding
- Auto transformer rewinding
- Switchgear 600 volts
- Custom panel fabrication

Mechanical Servicing

- Dynamic Balancing
- General machine shop
- Hermetic compressors
- Pump repairing
- Rotor rebaring

Industrial & Commercial HVAC Installation & Maintenance Including

- Chiller Plant
- Package Unit
- Centralized Air-conditioning system
- Refrigeration System (cold storage, freezer room)
- Air Compressors & Driers
- Air Handling Systems
- Duct Installation, Cleaning & Service

We provide a high level of service to all industrial commercial clients this is under pinned by the number of building where we have ongoing relationships for services, installation, upgrade and design of mechanical and electrical systems. Our routine testing and maintenance procedures are supported by an effective after hour emergency service all over Saudi Arabia.



HVAC Spare Parts & Material Supplies :

Resco maintain full range of HVAC spare parts & accessories of several manufacturers. These includes Motors, Compressors, Freon, Bearings, Contactors, Capacitors, Air Filters, Drier Filters and many other items that can be used on different makes of HVAC refrigeration equipment's Resco also Supplies Industrial & Projects Materials Including Power Tools, Hand Tools, Abrasives, Safety Materials & All Kind of Hardware Items.



Electric / Electronic Control Servicing

- Electro mechanical field servicing
- Armature rewinding
- Dc welders - rotating
- Dc welders - static

Dc Motor Or Generator Rewinding Or Rebuilding

- Dc motors or generators less than 10 kw
- Dc motors or generators 10 kw & over rotating fields

Resco offer a full Range of electric and mechanical equipments in our work shop on electric AC/DC Motors, pumps .Transformers, Generators up to 2000 KVA.
Core services

- All kind of AC /DC motors & Generators up to 2000KVA
- Welding Generators / Transformers
- Pumps Repair and Installation
- Mechanical repairs
- Custom built Control panel & Transformers
- Explosive proof motor Repairs

Field services & projects

- Break down repairs
- Engineering design & Evaluation, development
- Motor /Generator Management program
- Motor /Generator erection & alignment
- Motor /Generator Maintenance Contracts
- Testing capabilities/ flexibly to help customers
- Cabling and Termination Work

Comprehensive Pump Service Capabilities for Extended Life and Performance

Inspection, troubleshooting and problem solving
Turnkey pump removal, transportation, installation, alignment and startup

Vibration Analysis and Laser Alignment

Field Machining

Complete disassembly, cleaning and inspection

Precision dynamic balancing of individual components and rotating assemblies

Modernization and upgrades including new shaft, bearing, impeller and wear ring materials

Modernization, repair and upgrades of connected equipment including gearboxes couplings and motors

Engineered coating systems for improved service life and efficiency

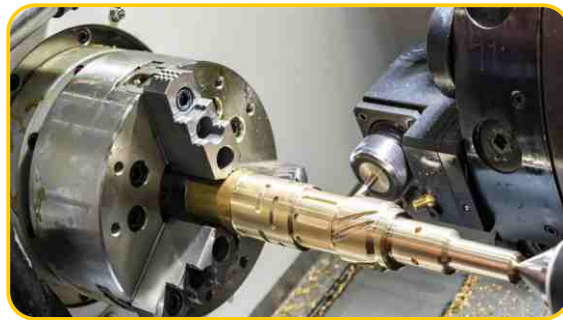
certified weld program and welders





Lathe Machining Work

- Precision Milling and Turning



Maintenance and Installation of HVAC systems :

Resco providing a broad range of heating and cooling services to **Residential, Industrial,** and **Commercial** clients across Saudi Arabia. Whether in need of HVAC installation, maintenance, or repairs, we maintain high standards of excellence in our work and comprehensive facilities maintenance solution for our clients.

All of our Work teams are factory trained, technically skilled with extensive experience and use the most dependable tools and products for each of our services. Resco pay high regard to occupational health and safety, Environmental protection and quality assurance while offering a services beyond the expectations of our clients. We encourage you to experience the Resco difference for yourself and look forward to assisting with all your HVAC needs..



Standard tests

Winding resistance using high accuracy for wire, high capacity Resistance Bridge
 Insulation resistance & polarization index measures on high accuracy, high capacity testing equipments (this equipment not only measure insulation resistors But also display the PI value and DAR value)
 Surge testing, this ensure that any possible inter-turn OR inter phase shorts are detected prior to varnish and baking, final test
 No-load testing at Rated frequency & Rated frequency (if power permits)
 Electrical input power (all there phase individually)
 Power factor
 Voltage
 Currents
 Rotational speed (rpm)
 Temperature of windings
 Temperature of bearings
 Temperature of casing

Schedule of Testing

- Visual inspection
- Resistance of winding between terminals
- Complete open stator test
- Tap test on wedges
- Impedance of winding
- Insulation Resistance test prior to High Voltage test
- PI Value of windings @ 5KV
- High voltage test on stator between winding & Ground, if the star point is outside test will be carried out on individual phases
- Insulation resistance with respect to earth after high voltage test
- PI value after HV test
- No-load run test if power permits



1 : Typical random winding being inserted in stator slots.



Picture 2 : A special tool is used to insert the stator slot wedges from the side of the core.



Testing facility

- Fluke insulation tester
- Fluke HV tester with PI and DAR facility
- Baker 15KV surge Comparison tester with Hi pot test facility
- Vibration meter
- Digital tacho meter
- Infrared temperature tester



CCTV Security Systems Project & Supplies :

One of the leading security system provider in all over Saudi Arabia. Resco is the sole distributor for UNI VIEW cameras and accessories & Authorised Distributor for HIKVISION Cameras and Accessories. Resco also providing Project works Including

- ◆ Video Surveillance Management
- ◆ Access Control
- ◆ Security Management
- ◆ Perimeter Protection
- ◆ Security Analytics
- ◆ Intercom Systems
- ◆ Door Control systems
- ◆ Attendance Devices etc



HIKVISION

MAJOR COMPLETED PROJECTS



Video Surveillance Installation



GROUND FORCE ACADAMY PROJECT RIYADH, KSA

Cooling Fan, Gear Box, Motor Installation & Commissioning Work





HT Cabling Work Project



HVAC Chiller Compressor Work

Chiller Compressor Alignment Work





KING KHALID EYE HOSPITAL

- HVAC Chiller Compressor Work

MALAZ STADIUM

- HVAC Chiller Compressor Work

DEEWAN PROJECT

- HVAC Chiller Compressor Work

JOCKY CLUB PROJECT

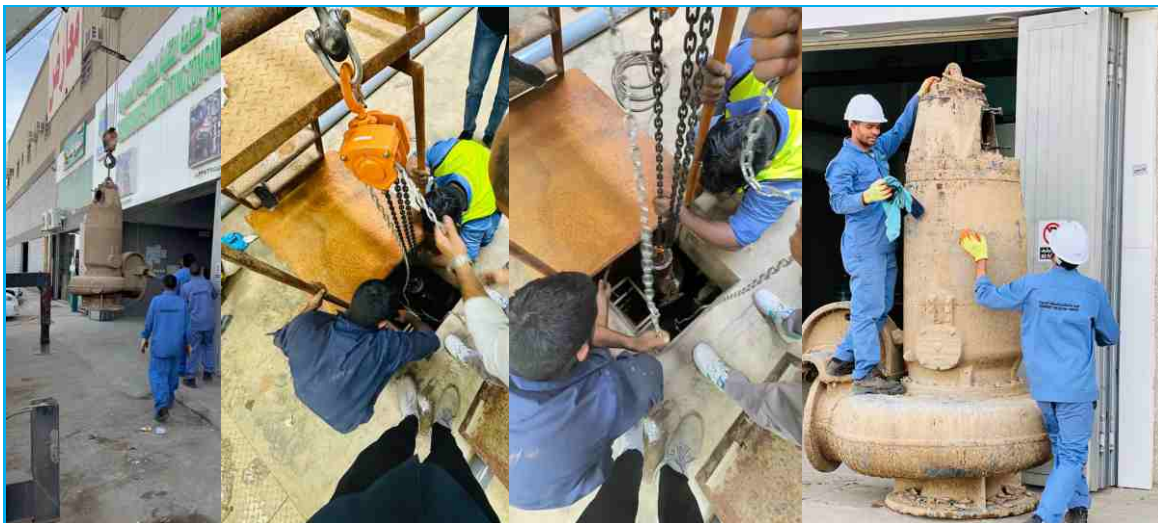
- HVAC Chiller Compressor Work
- Submersible & Sewage Water Pump Service

AL IMAN GENERAL HOSPITAL

- HVAC Chiller Compressor Work
- Submersible & Sewage Water Pump Service

ROYAL COMMISSION

- HVAC Chiller Compressor Work





NANA GROUP

- Chiller Room Installation
- Package Unit Installation
- Duct Work



- HVAC Chiller Compressor Work



- HVAC Chiller Compressor Work
- Cold Room Maintenance



- HVAC Chiller Compressor Work



Office & Workshop



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