



[www.RCG.ae](http://www.RCG.ae)

RIGHT CHOICE GENERAL TRADING LLC  
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# ABOUT US

## RIGHT CHOICE GENERAL TRADING LLC

RCG was established in 2007 in Abu Dhabi, UAE, and is one of the leading providers of Specialized & Highly Engineered Products and Services for Oil & Gas, Petrochemical, industrial, Power, Infrastructure, Marine, Aviation, and Construction Sectors in the UAE, GCC and African countries.

RCG is a team of Qualified and Professional Engineers and Specialists from the Industry who deliver immediate impact and growing advantages to its clients.

Our commitment to the industry, with our strong combination of experienced engineering and sales team working closely with clients enable us to provide class-A products and excellent services, ultimately exceeding client expectations.

### VISION

To be a preeminent supplier of niche products and services, that fully engages our people passionately, embraces new ideas, constantly striving to integrate transforming technologies and operates with unbending ethical standards to make the customer win.

### MISSION

To be known as a customer centric organization providing innovative and sustainable technology solutions to our clients, fulfilling their business needs in their journey to success

### CORE VALUES

#### INTEGRITY

Displaying strong principles and values, which we demonstrate through our conduct in the work environment and our customers

#### LEADERSHIP

Leadership through Service, Product line, Best Cost for Quality, Just in time Delivery, Honesty, Transparency and Respect to Customers and Employees

#### COMMITTED TO EXCELLENCE

RCG's Unwavering commitment to Quality and Excellence in its Product-line, Service, Processes and Completing tasks to perfection. Displaying the Attitude that whatever is worth doing, is worth doing right.

#### TRUST

Continually strive to earn a firm belief of our customer in the reliability, ability, and strength of RCG, is core to our relationship.

#### CUSTOMER AMAZEMENT

Continually strive to deliver a product or service changing the customers perception and exceeding expectations.





## PROCESS EQUIPMENT (STATIC)

RCG Offers Best In Class Products & Systems For Heat Transfer, Oil & Gas Processing & Treatment, Filtration & Separation, Other Process Skids & Packages.

### PROCESS EQUIPMENT

- Incinerator Package
- Phase Separator
- Waste Heat Recovery Unit (WHRU)
- API 560 - Fired Heater
- Hot Oil Heater Package
- API 12L - Heater Treater
- API 12K - Indirect Heater
- Desalter & Dehydration packages

### EXPANSION JOINTS

- Flanged Axial Expansion Joints - WRAS
- Angular Expansion Joint

### PROCESS HEATERS

- Electric Flange Heaters
- Air Duct & ATEX Blow Heaters
- Electric Thermal Oil Heaters
- Electric Steam Boiler

### HEAT EXCHANGERS

- Shell & Tube Type
- Tanks & Pressure vessels
- Plate & Gasketed Type
- Electric heat exchangers



Electrical Heater



Electrical Process Heater



Plate Type Heat Exchanger



Hot Oil Heater



Hot Oil Heater



Waster Heat Recovery Boiler



# ROTATING EQUIPMENT

RCG offers a Comprehensive Portfolio of Pumping Solutions for Oil & Gas, Petrochemical, Industrial and Infrastructure Sectors.

## COMPRESSORS

- API 617 - Centrifugal Compressors
- API 618 - Reciprocating Compressors
- API 619 - Screw Compressors
- API 681 - Liquid Ring Compressors
- Gear Box & Bearings
- Laminated Flexible Couplings
- Flexible Diaphragm Couplings

## MECHANICAL SEALS

- API 682 - Mechanical Seals
- API 692 - Dry Gas Seals
- Sealing Systems - API Plans

## VACUUM SOLUTIONS

- Vacuum Pumps
- Rotary Vane Pumps
- Claw Technology Vacuum Pumps

## API AND NON-API PUMPS

- API 610 Centrifugal Pumps
- OH1, OH2, ISO, BB1 to BB6, VS1 to VS6
- High-Speed Pumps - OH6 Type
- Cryogenic Pumps
- Petrochemical Process Pumps
- Desulphurization Pumps
- Hydraulic Power Recovery Turbine

## INDUSTRIAL AND DOMESTIC PUMPS

- Boosters and Transfer Pump Sets
- Chilled Water Pumps
- Pressurization Units
- Submersible Bore Hole Pumps
- Drainage and Dewatering Pumps
- Sewage and Wastewater Pumps



API Plan - Sealing System



Liquid Ring Compressor



Cryogenic Pump



Dry Gas Seal & Mechanical Seal



Booster Pump



API 610 Centrifugal Pump



API 610 OH6 Pump



# INDUSTRIAL CHILLERS & REFRIGERATION

RCG provides solutions for all Cooling Applications with Temperatures Ranging from -55°C to +60°C and Capacities from 2TR to 1800TR with all variations of Refrigerants like R-134a, R-404A, R-407C, R-410A, R-22 & NH3.

## SCREW & SCROLL CHILLERS

- Air-Cooled
- Water-Cooled
- Brine Chillers

## SCREW CHILLERS

- Ammonia Chillers
- Batching Plant Chillers
- Hazardous Area Chillers
- Oil Chillers
- Air Chillers
- CO2 Based Chillers

## INDUSTRIAL REFRIGERATION

- Chilling Plant
- Cold Storage
- Factory Built HP Receiver Package
- Factory Built LP Receiver
- Package Ammonia Refrigeration
- Refrigeration for Cold Storage
- Propane Refrigeration

## REFRIGERATION COMPRESSOR

- API 619 - Screw Compressors



Air Cooled Screw Chiller



Screw Type Chiller



Screw Compressor Condensing Unit



Two Stage Natural Gas Compressor Unit



Air Cooled Heat Exchanger



Two Stage BOG Compressor Unit



# BULK MATERIAL HANDLING

RCG offers Wide Range of Bulk Material Handling Equipment for Applications in Oil and Gas, petrochemical, Cement, Fertilizer, Marine-Logistics and Mining.

## CONVEYORS

- Belt Conveyor
- Pipe Conveyor
- Screw Conveyor
- Chain Conveyor

## MARINE

- Ship Loader & Unloaders
- Travelling, Tower, Luffing and Slewing SHL

## HYDRAULIC SYSTEMS

- Pre weigh wagon Loading System
- Volumetric Wagon Loading System
- In Motion Rail Weigh Scale
- Static Rail Weigh Bridge
- Clamshell Gate
- Dust Suppression System

## BU CRANES

- STS (SHIP TO SHORE)
- RMG / RTG

## STORAGE SYSTEMS

- Circular Storage
- Longitudinal Storage
- Vertical Wall Blending Storage

## SPECIAL APPLICATION

- Stacker
- Reclaimer
- Bucketwheel
- Plow Feeder
- Bucket Elevator
- Hopper



Ship Loader



Stacker



Conveyor Systems



Conveyor Systems



# VALVES & INDUSTRIAL

RCG offers Specialized Valves for Oil & Gas, Petrochemical, Power, and Industrial Sectors. Our Unique Partnership with Reputed Valve Manufacturers enables us to cater to our Clients' Requirements with World-class Technology. The offered brands are widely accepted and approved in the UAE and GCC Countries.

## VALVES

- Ball, Gate, Butterfly, Globe, Check and Needle Valves
- Lined Valves
- Pressure Control Valves
- Double Block & Bleed Valves
- Pressure Safety Relief Valves

## FASTENERS WITH TAKECOAT

- Stud bolts and Nuts
- Anchor bolts & Hex Bolts
- Hanging Clamps
- Standard Steel Gratings
- Pipe Clamps, U Bolts & Eye

## PIPE & FITTINGS

- Hot Induction Bends
- Steel Plates
- Flanges
- Barred T
- Weldolets
- Stain Steel Tubes
- Pig Launchers & Receivers

## SAFETY PPE

- Safety Coveralls & Uniforms
- Safety Shoes
- Helmets
- Safety Glass



Pipes & Tubes



Industrial Valves



Fittings & Flanges



Rapid Integrity Gasket



Fasteners



# ELECTRICAL

RCG offers an exciting portfolio of Electrical Products including all applications of Power and Transmission.

## ELECTRICAL

- Energy Storage Systems
- Li ion & Na ion Batteries
- Electrical Cables
- Power & Control Cables
- Cable Glands, Lugs & Trays
- Thromcouple Cables
- Earthing Equipments
- Explosion Proof Lights
- Soft Battery Pack
- Cylindrical Battery Cells
- Aluminium Battery Cells

## MOTORS DRIVES & SWITCH GEARS

- High Voltage Motors
- Medium Voltage Motors
- Low voltage motors
- Slip-ring motors
- High Efficiency Motors
- Nema Motors
- Atex EX Design Motors
- Variable Frequency Drive (VFD)
- Switch Gears



Modular Battery Packs



High Voltage Motors



Switch Gears



Cables



Energy Storage Systems



Explosion Proof Lights



# INSTRUMENTATION

RCG offers an exciting Portfolio of Instrumentation Products for Various Applications including Analysis Systems.

## INSTRUMENTATION

- Instrumentation cables
- Fiber optic cables
- Instrumentation field devices
- Valve Manifold
- Smart Transmitter
- Pressure Transmitter
- Temperature Transmitter
- Electric Transmitter
- Electric & Electro Hydraulic Actuator
- Pressure Gauges
- Control Valves

## FLOW METERS

- Vortex Flow Meters
- Electromagnetic Water Meter
- Differential Pressure Flowmeter
- Metal tube Rotameter

## ANALYZERS & SCIENTIFIC INSTRUMENTS

- Gas Chromatograph
- Liquid Chromatograph
- Field Analysis System
- Gas Analyzers
- Laser analyzer
- Liquid analyzer
- Atomic Absorption Spectrometer

## SOLDERING & REWORK STATIONS

- Solder Smoke Absorber
- Glue Gun
- Temperature Tester
- Fume Extractor



Gas Chromatograph



4 in 1 Soldering Station



Electromagnetic Flowmeter



Pressure & Temperature Transmitter



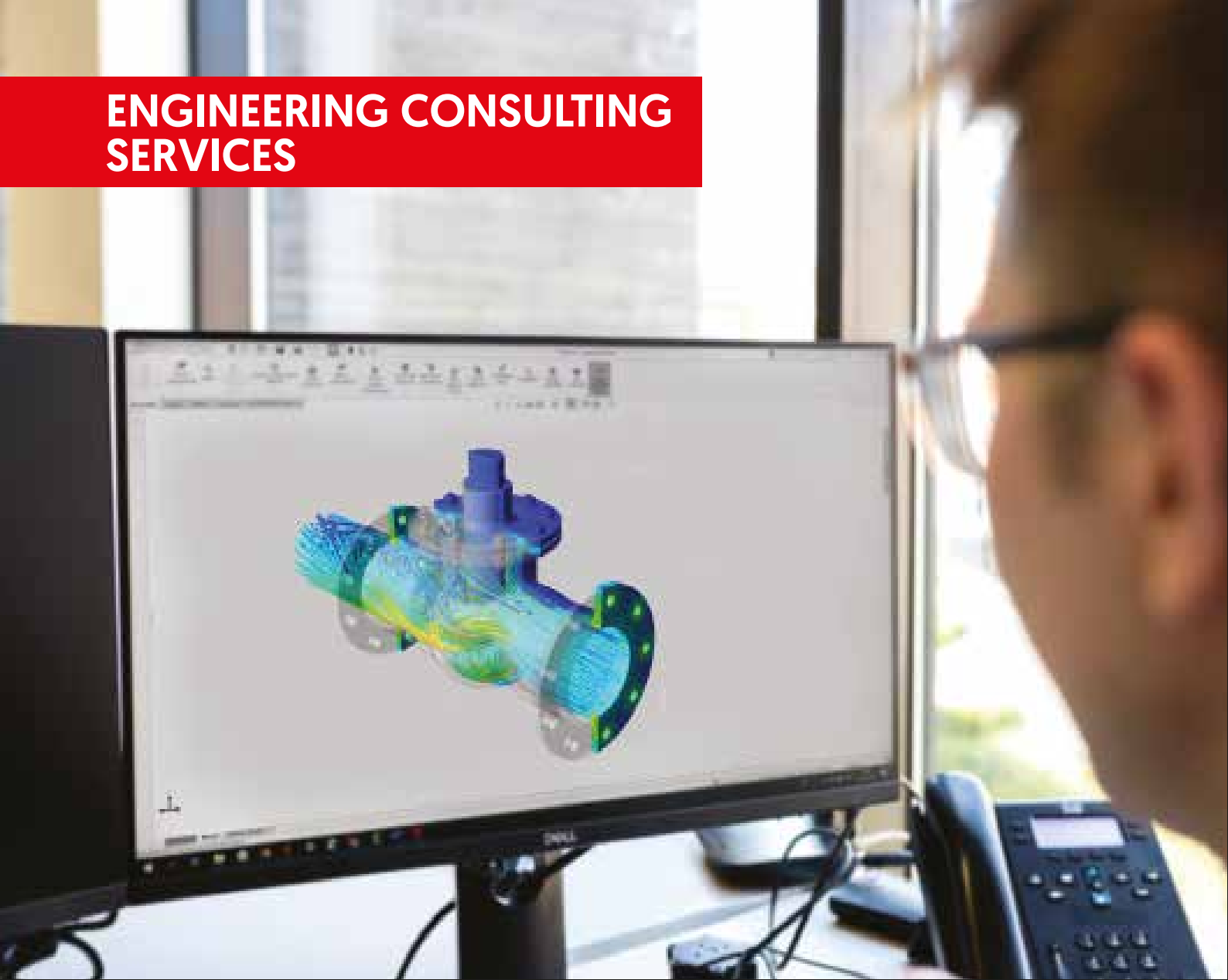
Pressure Gauges



Control Valves



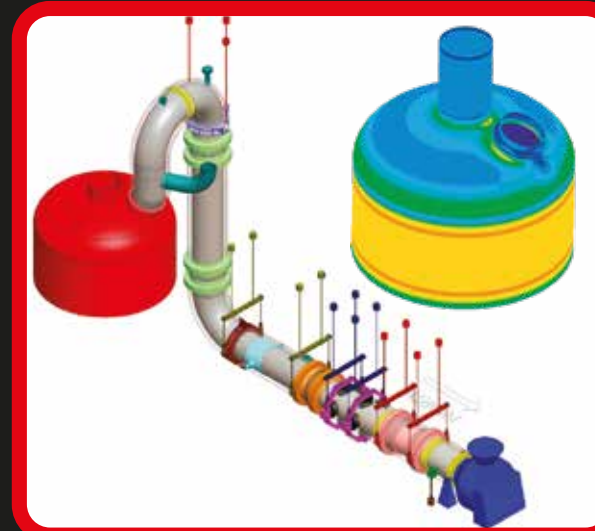
# ENGINEERING CONSULTING SERVICES



## ENGINEERING CONSULTANCY SERVICES

RCG in collaboration with DOCAN offers a wide range of skills, experience and people. At our core we are run by professional engineers with many years of experience in industries including Oil & Gas, Drilling [Onshore/Offshore], Renewables, Aerospace, Nuclear and Manufacturing services.

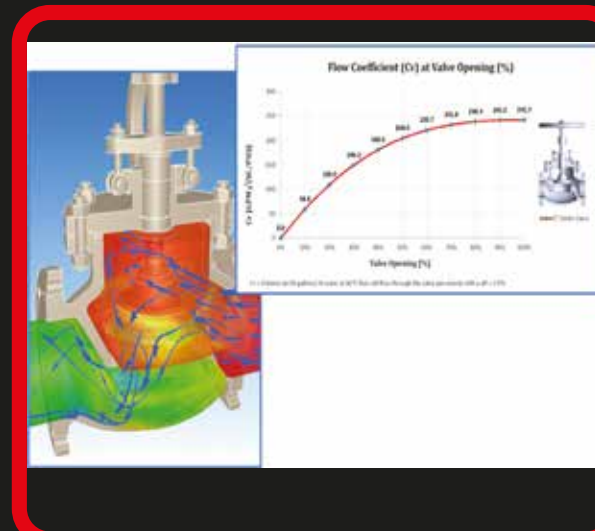
- Design R&D, FEED & Detailed Design
- Reverse Engineering
- Rerate, uprates & Fitness for Service
  - Corrosion – local or general
  - Fire damage
  - Crack-like flaws
  - Brittle materials
  - Mechanical damage – Dents and gouges
  - Metallurgical defects
  - Potential overload etc.
- Life Extention Assessment and Recommendation
- Engineering Design and Analysis covering Structural, Mechanical and Process Engineering
- Using cutting edge CAE technology for CAD, FEA, CFD, Process Modelling and Engineering
- Using All Relevant High-End Software
- Dynamic Simulation



PRT Gas Turbine Recovery Train Design and Analysis



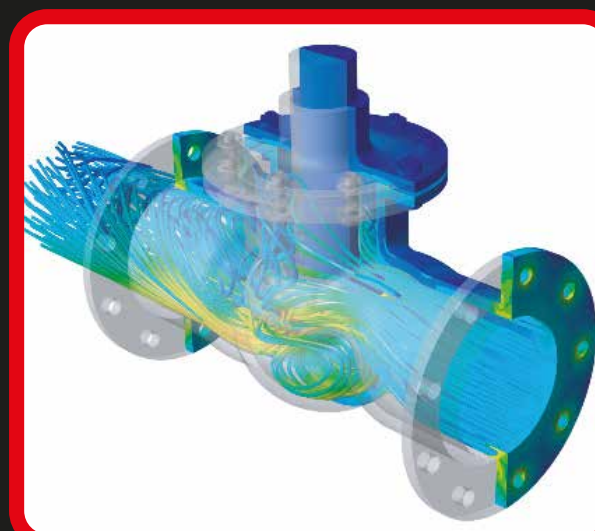
In-situ live lift stress analysis for Corrosion Under Insulation on Pipeline



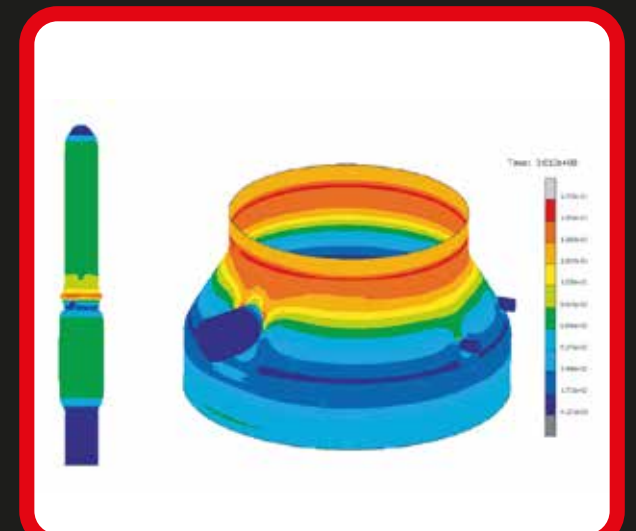
Equipment fluid dynamics characterisations (for CV curve) using 3D CFD



400 T PV decommissioning for top and tail lift, including initial damage and Fitness for Service



Fluid Structure Interaction (fluid and mechanical) of new valve design using FEA and CFD



Significant damage assessment of Creeping cone penetration on major vessel



# SPECIALIZED SERVICES



## STRUCTURAL ACCESS SOLUTIONS

RCG in collaboration with Zenith Structural access solutions UK, offer specialized services such as

- Flare tip replacement Services
- Guy wire inspection and tensioning
- Flare Stack Condition Surveys
- Structural Analysis
- Industrial & Steel Chimneys refurbishment
- Cooling Towers

## CONVEYOR MAINTENANCE SERVICES

RCG in collaboration with FABa, offers conveyor maintenance services for Oil and Gas, Aluminum, Fertilizer, Sulphur & Cement plants.

- Belt Vulcanizing / Splicing Services.
- Preventive and corrective maintenance.
- Conveyor Belt Repair.
- Rollers & Pulleys replacement
- Supply & installation of Belt Scrapers.



Offshore Flare Tip Replacement



Demountable Stack



Guy Wire MFL Inspection



Davit System for Tip Replacement



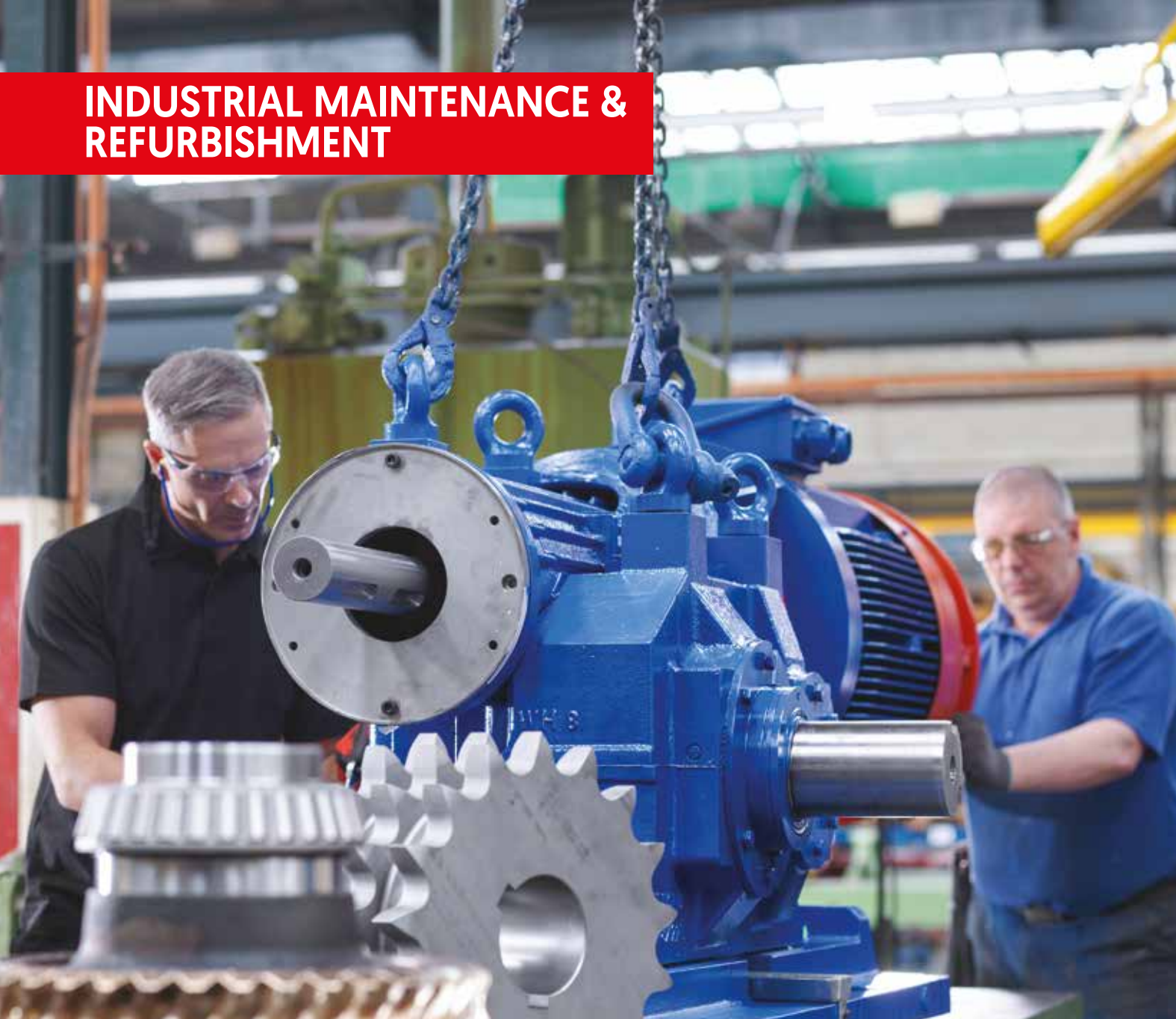
Conveyor Belt Repair



Rollers and Pulley Replacement



# INDUSTRIAL MAINTENANCE & REFURBISHMENT



## EQUIPMENT MAINTENANCE SERVICES

RCG in collaboration with its principals, and strategic partners offer the following services.

- Pump repair and overhaul services
- Retrofitting of Mechanical Seal and Sealing systems
- Mechanical Seal repair services
- Liquid Ring Compressor Maintenance
- Chiller maintenance Services
- Epoxy Grouting Services for plant equipment
- Pump Installation and Commissioning Services
- Onsite testing and repair services
- Spare parts manufacturing and Supply
- Flarestack Sand-Blasting and painting services
- Rope access Services



Liquid Ring Compressors



Industrial Chillers



Mechanical Seals



Epoxy Grouting



Booster Pumps



Centrifugal Pumps



# THERMAL COATING



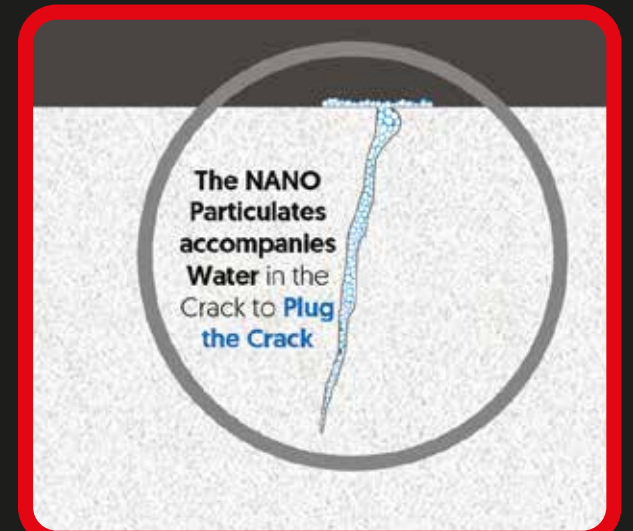
Thermal Coating for Residence Roof-tops and Walls



Thermal Coating for Industrial Sheds and Warehouses



Thermal Coating Performance on Rooftop



A Nano Technology Product

RCG offers waterproofing solutions for every application, coating for Thermal resistance, anti-corrosion, anti-algae, skid resistance, high impact resistance, resistance to salt related corrosion, etc. All products have been based on NANO TECHNOLOGY making it unique as products and very effective in its working. The nano particles seep into micro-cracks and seal them forever.

## RCG offers

- Waterproofing solutions for all office and Residential Buildings
- Thermal Resistant coating for METAL SURFACES
- Thermal Resistant coating for all types of CONCRETE SURFACES solutions

The application of our products can be for Bridges, Tunnels, ponds, swimming pools, terrace, terrace Gardens, Toilets and Bathrooms, Basements, retainer walls, etc, Metallic surfaces like warehouses, Production Sheds, Factories, Pipes and fittings installations at Oil & Gas industry etc.



Therma Cool Coated on Central Vista Parliament House



## OUR CUSTOMERS



## OUR PRINCIPALS

