MODULAR SKID & PACKAGES

PNEUMATIC WELLHEAD CONTROL PANELS

ANALYZER SHELTERS

MAINTENANCE, COMMISSIONING & STARTUP

BULK & SPARE PARTS

NEW ENERGY S.r.l.
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Excellence through sustainable growth driven by innovation, talent and responsible care

To be a highly respected solutions provider by capitalizing on our domain expertise and entrusting our employees to deliver exceptional value for our customers and stakeholders.
“BORN FROM THE EXPERIENCE THAT MAKE A DIFFERENCE”

New energy born with a team of highly qualified experienced engineers, consultants and group of professional technicians who have more than 25 years of extensive experience, knowledge and skills gained over the years by delivering worldwide numerous successful turnkey projects, engineering and custom-designed technological solutions to oil & gas, power, petrochemical, energy, EPCs and industrial sectors from concept to commissioning.

Our accumulated knowledge and specialized experience which we have been able to pass on to our clients in the form of value added services, technical expertise, and expanded practice areas.

Today NEW ENERGY is a dynamic company with roots sunk deep in the past but projected toward the future, and fully aware that its strength and ability to take on the challenges of every new day comes only from the commitment of all the people involved in it. Our focus is to deliver predictable outcomes with every project, while helping our clients to safely and successfully meet and exceed their objectives.

NEW ENERGY endeavors to develop unique solutions for each project which meet client goals and establish new standards.

PASSIONATE FOR SUCCESS

We are passionate about our customers' success by providing performance-driven solutions. With each new project comes the opportunity to work through challenges towards a common goal. Through collaboration, we serve an unmatched diversity of customers, on a breadth of projects that promise to create a cleaner energy future.

Our forte industries include Oil & Gas (Up steam & Down Stream), Petroleum & Refining, Minerals, Fertilizer, Power Generation Industries and many more. Our target is to become the market leader by providing tailored made Turn Key solutions and to enhance the performance, productivity and efficiency of our customers. We are committed to deliver the products at the utmost competitive pricing in the most effective timing. We make sure to serve our clients for long term on repeated basis.

Prosperity through innovation
NEW ENERGY endeavors to develop unique solutions for each project which meet client goals and establish new standards. New Energy’s has the expertise in the following areas of business divisions.

ENGINEERING DIVISION

NEW ENERGY has a dedicated and professional team of engineers, who carry out all the project engineering, from the feasibility phase to the conceptual, basic, detailed, and construction engineering by meeting all international codes and standards and customer specifications. Our engineering experts have the ability to handle the large projects from the basic engineering to the final commissioning and start up. This extensive multidisciplinary ability enables us to have a global vision of the project, from the initial phases, where the project’s later success is determined, by implementing highly advanced technological solutions, all of which notably benefits the subsequent construction stages and ensures the result in terms of reliable performance, efficiency, delivery time and costs.

Our ENGINEERING DIVISION is equipped to serve:

- **PROJECT MANAGEMENT CONSULTING – PMC**
  - Tender Evaluation and assessment of procedures;
  - Project Initiating;
  - Planning;
  - Executing;
  - Monitoring and Controlling;
  - Project Closing & Lesson learnt.

- **MULTIDISCIPLINARY ENGINEERING AND DESIGN**
  - Conceptual and Feasibility Study;
  - Basic Design and Front-End Design (FEED);
  - Detail Design & Engineering;
  - Petrochemicals, Power, Oil and gas facilities design, operation and troubleshooting;
  - Due Diligence studies.
**PROCESS ENGINEERING**
- Advanced process control system development & modeling;
- Relief and flare system design and operation, including isolation and depressurizing;
- Process data analytics for industrial process monitoring, diagnostics and optimization;
- Safety hazard and operability analyses, consequence analysis, and risk assessments eg. (HAZOP), SIL;
- Development of Material and Energy Balances, Process Flow Sheets, P&IDs;
- Process equipment sizing and process simulation;
- Feasibility / Debottlenecking;
- Waste gas treatment;

**MECHANICAL & PIPING ENGINEERING**
- General Arrangement, equipment and plans layout;
- Isometric Drawings;
- Pipe and / or fittings of particular making along with main items BOM;
- Auxiliary piping support design, support list, material support list;

**INSTRUMENTATION & ANALYSIS ENGINEERING:**

**✓ Instrumentation:**
- Project Instrument general standards including plant packages;
- P&ID detailed itemization by means of ISA / ANSI standards symbols or client standard;
- Instrumentation specification development based on process data
- Material Requisition / Supply Specification / Purchase Order Preparation;

**✓ Instrument field installation and mounting:**
- Over all electrical / instrumentation power supply design;
- Marshalling & control cabinet design;
- interconnection signals tabulation and design, safety grounding design for control cabinet and instrument devices;
- Field Instrumentation & valve specification;
- Instrument & junction boxes positioning & cable routing layout;
- Typical drawings for electrical, process and pneumatic installation.

**✓ Analysis:**
- Analyzer & Shelter engineering;
- Analyser House dimensional study drawings with analysers, power, interlock, HVAC cabinets, MR and tender evaluation;
- Gas chromatographs and process analysers specification and data sheet.
- Primary and secondary sampling system with fast loops design and drawing for gas chromatograph and continuous analysers.
- Hydraulic controls;

**AUTOMATION & ADVANCED PROCESS CONTROL:**

**✓ Automation Design:**
- ESD logic diagram & protection systems;
- Cause & Effect Matrix;
- ESD integration with protection and sub monitoring systems (eg. VMS, BMS)
- ESD systems functional safety and SIL evaluation;
- Control system integration with sub systems and packages.
- Multivariable Control and optimisation;

**✓ System Engineering:**
- System I/O database [ESD. DCS etc.] loop diagram development;
- Man-Machine Interface [MMI] development;
- Advanced and multivariable model based Predictive Control Process.
- PLC, and real time optimization plant information software & apps.

**✓ Electrical Engineering**
- System analysis study and calculations for Load Flow, Short Circuit, Cable Sizing, Protection Coordination, Earthing and Lightening protection and lightening system.
- Single line diagram for High Voltage [HV] / Medium Voltage [MV] and Low Voltage [LV] switchboard;
- Data Sheets and Material Requisition for HV/MV/LV switchyards, Motor Control Center[MCC], auxiliary distribution boards, emergency diesel generator set, Uninterruptable Power Supply system [UPS].
- Logic and schematic control diagrams for switch yards and switch boards;
- Electrical Power, earthing and lightening installation details & layout;
- Electrical erection specification, factory Acceptance Test [FAT] and Site Acceptance Test [SAT] specifications.
PROCUREMENT DIVISION

To be a highly respected solutions provider by capitalizing on our domain expertise and entrusting our employees to deliver exceptional value for our customers and stakeholders. NEW ENERGY has its own PROCUREMENT department which handle all the procurement activities in order to avoid any uncertainty or delay in the project. Our team of expert procure all the main items as per project specifications and applicable standards with on time by assuring the competitive price and quality of each item. Some of our procurement activities includes:

- **PRELIMINARY COST EVALUATION:**
  - The Pre-evaluation of the technical specification according to the prevailing European and American standards.
  - The development of bill of material according to Bidding vendor list.
  - The commercial evaluation of the received quotation.

- **PROCUREMENT:**
  It is important to highlight that the Procurement is carried out according to the company procedures and in accordance with the ISO 9001 standards, while for those jobs where the Procurement is done on the customer’s behalf, procurement procedures dedicated to the specific job are agreed with the customer and carried accordingly.
  - The preparation of vendor list during the bidding phase;
  - The issuance of enquiries in accordance with internal procedures and technical requirements;
  - The economical evaluation of received quotations, after the technical evaluation and delivery time.
  - Negotiation with vendors and issuance of recommendation.
  - The issuance of PO to approved and selected vendor.
  - The sourcing and procurement of materials both on the domestic and international markets through a network of ISO certified suppliers.
CONSTRUCTION DIVISION

With roots dating back to past, NEW ENERGY has a significant experience in development, design, fabrication, erection and commissioning of all kind of Oil & Gas, Petrochemical and Power Generation field. Thus, our construction & fabrication division combines the accumulated knowledge and experience of his engineers in order to meet the market demands and turnkey requirements. We understand that your needs are unique to your operation, we believe in doing things right the first time. This is why our comprehensive concept and front-end engineering design (FEED) studies are conducted with the customers design and requirements while meeting all Industry and API Standards and practices.

Our turnkey designs and in-house construction and fabrication provide to our customers the best solutions require to meet the specific needs, no matter how complex is your project. In NEW ENERGY each project is assigned a dedicated Project Management Group consisting of a Project Manager, Project Engineer, and Design Team to manage each project from start to finish. Our highly skilled team work closely with client priorities by implementing most efficient, cost-saving solutions and customize designs to maximize the performance aiming at close the projects on time and within predefined budget. Thanks to our dynamic and flexible structure, we have been able to spread out our skills in the main direction of the industrial process, thus our construction department is able to meet the needs of following industries and sectors:

▪ OIL & GAS
▪ PETROCHEMICAL
▪ POWER
▪ AUTOMATION & CONTROL SYSTEM
▪ SOLAR ENERGY
▪ INDUSTRIAL PLANTS
▪ POLYMERS & FIBERS
▪ PHARMACEUTICAL & CHEMICALS

Our construction department is fully equipped to fulfil the needs of engineering, management, workshop construction assembly and after sale service with the provision of factory acceptance test, assembly on site and the relative start-up. We have established cooperation with a number of major reputed and leading international customers, varying from end-user to world-class engineering companies. We believe we will be successful if our clients are successful.
REVAMPING

NEW ENERGY has a solid and industry specific experience in REVAMPING PROJECTS, designed to renovate the existing plants, in order to extend their life inside the whole production process and to obtain performance and management benefits to conduct an appropriate plant revamping:

- To reduce the fixed and production cost, by enhancing capacity from the present operating level to expand capacity to, say, 110%, 120%, 130% of rated capacity;
- Increase the reliability of equipment, leading to reduced downtime and maintenance costs;
- Minimize plant shutdown;
- Reduce energy consumption;
- Reduce pollution;
- Reduce the consumption ratios of various raw materials and utilities;
- Upgrade the technology to keep pace with the new developments, and to increase the plant life;
- Reduce the cost of production, thereby improving the overall bottom line for the facility;
- To adopt energy-conserving processes in light of increasing energy costs;

We have the expertise and know how needed to carry out revamping projects, comprising:

- Site surveys;
- Assessing the available documentation;
- Evaluating the present situation;
- Tying in the new and existing Control Systems;
- Defining alternative solutions;
- Scheduling the Project, including the possible Plant shut-down;
- Supervising the installation of the new systems;
- Coordinating and supervising the commissioning and start-up;
- Site acceptance testing of the integrated system.
MODULAR SKIDS & PACKAGES
MODULAR SKID & PACKAGES

NEW ENERGY is a global solution provider of modular process skids & packages. With our extensive engineering and manufacturing capabilities, we design and manufacture a wide range of custom built pre-assembled modular process systems for oil & gas, power, petrochemical and other process industries from concept to completion. Our engineers have first-hand experience designing a range of skid packages with unique configurations. Our Solutions are driven by process requirements; fully optimized, certified, tested, “Engineered-to-Order” turnkey modular systems which ship ready to install “plug into” the process flow at your plant with guaranteed. We have a vast global experience of delivering the turnkey solutions in accordance to the international standards.

Our specialization and expertise:

SKIDS

- Fuel Gas Train Treatment Skids (ESD, Filtration, Metering, Analysis, Heater, Reducing)
- Gas Pressure Reducing Stations and Final Filtering for Gas Turbine
- Gas Pressure Reducing Stations for Auxiliary Boilers
- Meter Provers
- Pig Launching and Receiving Traps
- Manifold Skids
- Chemicals Injection Skids
  - Corrosion Inhibitors;
  - Methanol Injection;
  - Scale Inhibitors;
  - Wax Inhibitors;
  - Demulsifies;
  - Glycol;
  - Pour Point Depressant;
  - Antifoam;
  - Methanol;
  - Glycol;
  - DRAG Reducing Agent.
- Chemical Dosing Systems for Water - Steam Cycle and Water
  - Raw Water treatment;
  - Make-up Water Tower;
  - Desalization;
  - Potabilization;
  - Waste;
  - Biological.
- Chemical Dosing Systems for Cooling Water Towers
  - Biocide;
  - Bio dispersant Sodium;
  - Hypochlorite;
  - Sulphur acid;
  - Oxygen Scavenger;
SKIDS & PACKAGES

PACKAGES

- Early Production Facility
  - Manifold;
  - Well Test Production;
  - HP & LP Test Separator;
  - Slug Catcher;
  - Oil Stabilizer.
- Glycol Dehydration Package & System (TEG & MEG)
- Nitrogen Generation Packages (Membrane & PSA)
- Hydrogen Generation Packages
- Diesel Power Generation Packages
- Instrument & Air Service Packages
- Water Treatment Packages
  - Primary & Secondary Water;
  - Biological
- Truck & Rail Loading Arm System
- Fire Fighting Packages
  - Oxygen Scavenger;
PNEUMATIC WELL HEAD CONTROL PANEL
PNEUMATIC WELL HEAD CONTROL PANEL

Our professional team has more than 25 years of intensive experience in the design, manufacturing, supply and commissioning of WHCP both offshore and onshore. We are able to design the WHCP to provide safe and reliable operations in line with customer specifications and international standards. We specialize in Single, Multi, PLC and HMI programming based, solar powered and self-contained wellhead control panels, which meet the highest standards of safety, performance and reliability. Our solutions are customizable for single and multiple wells ranging from pneumatic controls to an RTU based solution, on offshore platforms and even in hostile environments. We offer a complete range of after-market services to ensure the safety, reliability and integrity of client resources.

NEW ENERGY Design Considerations:

- **Application:** Onshore (single well) / Offshore (multi well);
- **Installation:** Permanent / Temporary removable drawer module (well test);
- **Power Supply Options:** Pneumatic / Hydraulic / Flow Line Gas / Solar Power / Manual;
- **Hazardous area classification:** Zone 0, Zone 1, Zone 2 / Zone unclassified;
- **Level of complexity:** Conventional, hybrid, state of the art;
- **Details of valves to be controlled:** Pressure levels, swept volumes;
- **Pneumatic Outputs:** ESD Loop – 50 PSIG, Surface Safety Valves – 100 to 200 PSIG and process shut down requirements;
- **Driven Solution:** Pneumatic / Hydraulic / Electric / Solar power / Manual;
- **Hydraulic Outputs:** 0 to 20,000 PSIG Sub-surface Safety Valve and Surface Safety Valves;
- **Operating mode:** Hydraulic oil / Instrument air;
- **Control pressure:** 50-100PSI;
- **Operating Control:** Local and remote operation enabled system.
- **Ingress Protection:** IP54;
- **PUMP:** Electric and/or pneumatic pumps suitable for use with mineral oil or water glycol-based fluids;
- **Area Classification:** Class I division I / II;
- **Option for SCADA based control;**
- **Requirement of auxiliary tanks;**
- **Additional hydraulic outputs requirements;**
- **SSV, SCSSV, wing valve and choke valve-controlled operation;**
- **Fully enclosed assembly with the Hydraulic Power Unit providing a common source of hydraulic power for each well control module;**
- **Electro-Hydraulic, Pneumatic-Hydraulic, or Electro-Pneumatic instrumentation and control interfaces;**
- **Air or Natural Gas Supply – 100 to 200 PSIG;**
- **Standard or H2S-CO2 (NACE) service;**
- **Accumulators, filters and instrumentation for both LP and HP supply headers.**

Typical Applications Include:

- WV Control
- MV Control
- SCSSSV Control
- Choke Control
- Gas Lift Control
- Fire Protection
- Flowline PSL / PSH
- Remote Control / Stations
- Emergency Shutdown Local / Remote
WELL HEAD CONTROL PANEL

- Early Production Facility
- Gas or air driven Wellhead Control Panels with gas/air/low pressure hydraulic logic;
- Hydroelectric (relay based) hybrid control panels;
- State of the Art PLC based Wellhead Control Panels;
- Hydraulic Power Units.
AUTOMATION CONTROL SYSTEM
AUTOMATION CONTROL SYSTEM

Our experienced team of technicians and engineers can automate the system to control and monitor the operation. With our experienced team we can help in identifying the right solution that will fit in with the existing systems while keeping Plant Efficiency at its maximum. We will also help in conducting FEED studies identifying system deficiencies and steps to eliminate them while keeping within the resources. Our control panels and automation systems meet industry standards and have served the needs of various industries from oil and gas to chemical & construction and also build full turn-key systems.

Our specialization and expertise:

SECURITY SYSTEMS
- Intrusion Detection Systems
- Access Control Systems
- CCTV close Circuit Television Systems
- Integrated Security Monitoring and Management Systems

PANELS & CABINETS
- System Cabinets
- Interposing Relay Panels (IRP)
- Consoles
- Power Distribution Systems
- Network & Server Cabinets
- Local Panels, Junction Boxes, EEXD Local Panels
- Pressurized Cabinets
CONTROL SYSTEM

▪ Solid state control (PLC, DCS, HMI, TMR, etc.) for Hydrocarbon Process control & safety systems
▪ Pilot Operated Sub-Sea Well Control, pneumatic/hydraulic systems (well head control panels, hydraulic power units, TUTU’s, etc.), pump control Systems (Engine & Motor Driven)
▪ Remote Terminal Units (RTU) assistance and troubleshooting
▪ Electrical Control System – ECS
▪ Supervisory Control and Data Acquisitions - SCADA Systems
▪ FISCAL METERING SYSTEM Control panels
▪ Programming and configuration of FLOW COMPUTERS
▪ Multi-protocol communication network
▪ Thyristor Control Panels for managing of electric heaters
PROCESS ANALYZER & SHELTERS

NEW Energy has more than 25 years of enormous experience in the design, manufacturing, supply and commissioning Process Analyzer Systems to measure chemical and physical properties of gas and liquid streams.

We have the capability to designs and assembles complete measurement solutions taking into account the process requirements, customer specifications, sample properties and the analyzer requirements, in order to: repeatedly and accurately measure the process sample.

NEW ENERGY supplies completely integrated systems including:

- Detailed analysis of technical documentation;
- Design and selection of most suitable analyzers depending on Customer requirements;
- Design and manufacturing of Pressurized Local Cabinets /Air-Conditioned Local Cabinet/Walk-in Analyzer Shelters;
- Sizing, design and manufacturing of HVAC systems;
- Integration and management of Fire and Gas systems for Analyzer Houses and Local Cabinets;
- Supply of detailed project documentation;
- Inspection and test in our premises workshop;
- Integrated system for process gas analysis;
- Gas chromatographs, O\textsubscript{2}, CO, CO\textsubscript{2} analyzers, moisture, H\textsubscript{2}S, others;
- Design and integration of sampling system;
- Solar and batteries powered system;
- Complete pre-assembled analysis shelter;
- Complete pre-assembled analysis rack

Our specialization and expertise:

- Analyzer Shelter Packages
- Environmental Monitoring Systems (CEMS - Continuous Emission Monitoring System)
- Sampling Systems
- Sampling Conditioning Systems
- Analysis Systems
- Analyzer Cabinets
- Analyzer Shelters
- Sampling Conditioning Water Systems
- Oil in Water Monitoring Systems
- Gas Analyzer Systems
- Heating, Ventilation, and Air Conditioning – (HVAC)
NEW ENERGY also support and provide his professional services for commissioning and start up activities.

**Installation commissioning and start up:**

✓ Safe, efficient component installation

Our engineers have considerable experience of working on busy, hazardous and sensitive sites. They follow the strictest health and safety procedures and industry-specific working practices to ensure there is minimal disruption to your people and processes during our work.

✓ Commissioning services for quality-assured system performance

As well as installing new or replacement components, we can carry out a full commissioning service to ensure the new equipment is operating efficiently and to all expected performance levels. Mechanical fittings and electrical systems will be tested to ensure they are working smoothly and in the correct sequence. Discharge and conveying systems will be operated to ensure they run at specified rates and offer the required degree of control.
NEW ENERGY fulfills the requirements of spare parts with timely deliveries and competitive pricing. We can provide critical spare parts for every element of your bulk-handling system, from control and instrumentation components to discharge systems, conveying, mixing and weighing equipment. Our buying power as a large bulk-handling system manufacturer enables us to offer spare parts at very competitive prices, giving you a cost-effective source of essential components for your plant. We provide complete systems, as well as individual machines, to clients all over the world, in all climatic conditions. Our product selection includes a wide range and it is not limited to the following:

- INSTRUMENT MECHANICAL BULK MATERIAL
- ELECTRICAL BULK MATERIAL for HAZARDOUS AREA
- PIPING VALVES & FLANGES SAVING SOLUTIONS
- INSTRUMENT VALVES for SEVERE SERVICES

We offer to our valued customers:
- Complete parts and/or repair kits for any previously sold package or equipment;
- Fast proposal turnarounds;
- Access to engineering and engineered / customized components;
- Access to a fabrication and assembly shop;
- Pipe and fittings that match the original project specifications;
- Special tools and equipment.

MAIN EQUIPMENT
- Pumps;
- Motors;
- Compressors;
- Industrial Heaters;
- Filter Vessels;

INSTRUMENTS
- Transmitters
- Flow Meters
- Level Controllers
- Gauges
- Level Gauges
- Temperature Indicators
- Thermodrills
- Solenoid Valves
- Safety Relief Valves
- Regulators
- Seal Chambers, Condensing and Air Distribution Pots
- Instrument Protection & Heating Boxes / Sunshades

PIPE, FLANGES AND FITTINGS
- Buttweld
- Socket weld
- Seamless
- Welded
- Forged Steel
- Stainless Steel
- Special Flanges and Clamp Connectors - Sizes from ½” to 26”
- High Pressure Valves, Fittings & Tubing
- Double Ferrule Compression Fittings, Instrument Flanges
**ELECTRICAL**
- Distribution Equipment
- Controls and Automation
- Wire and Cable
- Fuses and Fuse Boxes
- Instrument and Support Rack
- EExp Certified Pressurized Systems/Enclosures
- Multi Cable Transit Systems
- Metal/Fiber Glass Cable Trays & Ladders, Trefoil Cable Cleats
- Electrical & Self-Regulating Heating Cables
- Fluorescent and Floodlight Lighting
- Plugs & Sockets
- Junction Boxes and Control Stations
- Cable Glands and Electrical Fittings
- Cable Protection Systems
- Pre-insulated and pre-traced multi-tubing bundles
- Corrosion Control Tubing System
- Instrumentation Precision bare Tubing in coils and bars

**SMOKE & FIRE & GAS FIELD EQUIPMENT WIRED TO SYSTEM**
- Smoke Detectors
- Very Early Smoke Detector Acquisition (VESDA)
- Flame Detectors
- Rate of Rise Temperature Detectors
- Toxic Gas Detectors
- Inflammable Gas Detectors

**ALARM INDICATION AND SIGNALING**
- Manual Call Points
- Alarm Beacons
- Sirens
- Sound Systems
- Alarm Annunciators

**VALVES**
- Ball Valves
- Gate Valves
- Globe Valves
- Electric and Pneumatic Actuated Valves
- Control Valves rating API 10.000 – NACE Std
- Choke Valves rating API 10.000 – NACE Std
- Safety Relief Valves Pilot and Changeover – (API 520, API 526, ASME VIII stamped)
- Mono Flange Valves - Sizes from ½” to 3” – Rating API 10.000
- Needle, Ball Double Block Twin safe, Manual & Hydraulic Actuation Gate Subsea Valves
- Check Valves:
  - Dual Plate Check Valves (sizes from 1½” to 144” rating API 10.000 – Min. Work Temp. -196°C)
- Block and Bleed Valves:
  - Twin safe Double Block & Bleed Ball Valves (Sizes from ½” to 12” – rating 2500LB - Min. Work. Temp. -196°C)
  - Double Block & Bleed Valves - Sizes from ½” to 2” – rating API 10.000
- Butterfly Valves:
  - Cryogenic Triple-Offset Butterfly Valves - (sizes from 3” to 84” – rating 2500LB - Min. Work. Temp. -196°C)
  - Double Isolate Triple-Offset Butterfly Valves – (Sizes from 2” to 54”)
  - Triple-Offset Control Butterfly Valves - (Sizes from 2” to 84” – rating 2500LB)
- Manifold
SERVICES & MAINTENANCE

✓ 24/7 and 365 days/year regular & ad-hoc maintenance program

We serve our clients with quality and distinction, making a measurable and attributable impact. Thanks to our vast experience, NEW ENERGY is present in the market with proven experience, credibility and competence to serve with a wide range after sale services, consultancy and troubleshooting.

As an extension of New Energy’s turnkey projects, clients may need ongoing support to manage and operate their industrial plants. Our highly skilled engineers and technicians’ team carry out planned and emergency maintenance, and guarantee a rapid on-site response in an emergency endeavors to provide best and wide spectrum of corporate services at one stop with highest quality and safety standards.

✓ Supporting Services:

We offer a wide range of supporting services to our esteemed customers, starting from plant supervision up to the commissioning activities. We can source required supply, fit spare parts at competitive rates, and offer a rapid response to minimize any downtime at your plant. A short review on our services include:

- Feasibility Studies
- Engineering & Design;
- Project Management;
- Construction & Fabrication;
- Field Maintenance Services
- ATEX reviews;
- Inspection & Supervision;
- Pre-Commissioning & Commissioning
- Site Engineering
- Start-Up
- Training
- After Market Parts (Spare Parts) Stock & Exchange repair solution
- Remote Diagnostic
- System Migration & Revamping
- Reverse Engineering
QUALITY MANAGEMENT SYSTEM

We believe the quality of our products and services is crucial to our continued growth and success therefore NEW ENERGY’s commitment to quality extends throughout our operations, where each production stage/item of the project go through under stringent quality checks till the moment of final stage of delivery. Our extensive quality system strives to provide our customers high-quality products, fast lead times and excellent customer service.

NEW ENERGY’s certifications are vast and diverse, and adhere to international codes of practice including ASME, API, TEMA, ISO 9001 - 2015, 14001 - 2015, 18001-2007 and many others, enabling our company to ensure our products and services meet your project requirements.

Our Quality Management System ensure that our all product and services meet the customer’s precise specifications and performance standards. We strive to continually improve the effectiveness of our QMS by ensuring that it complies with ISO 9001:2015, 14001, 18001 and evolves according to the ever-growing needs of our clients.

With our quality management system, we will continue to do our very best, every day, to ensure you are confident in our products and services and get exactly what you need, precisely when you need it.

NEW ENERGY’s QMS provides the framework to help us reach the following objectives:

✓ **IN-COMING QUALITY CONTROL**
   We carefully check the conformance of incoming raw materials to their specifications. Raw materials that do not comply with our requirements are returned to the suppliers and records of these in-coming inspections are maintained to assist us in the evaluation of our suppliers’ performance.

✓ **SUPPLIER MANAGEMENT**
   We adhere strictly to our approved supplier lists and purchase supplies from the approved suppliers. We hold regular meetings with suppliers for continuous improvement in the areas of quality, timeliness of delivery and price.

✓ **IN-PROCESS QUALITY CONTROL**
   Measures relating to in-process quality control are implemented at various stages of our production processes to ensure that defective products or processes are identified and corrected at an early stage to minimize re-processing.

✓ **CUSTOMER FEEDBACK**
   We garner feedback through regular meetings with our customers to review our performance and to assist our customers in resolving technical issues they face during installation processes. These feedback sessions allow us to understand our customers’ needs in a better way and enable us to improve our products and processes.

✓ **CONTINUOUS IMPROVEMENT**
   • To ensure all projects are turned over to our clients safely, free from defects, and fit for their intended purpose.
   • To ensure compliance with all applicable statutory and regulatory requirements and conformance with all client specifications.
   • To monitor, identify, and improve our processes to provide improved performance leading to greater customer satisfaction.
   • To train, develop, and promote our commitment to quality throughout our entire team of employees from senior management through to new workers.
   • To maintain positive relationships with our clients by soliciting, and making effective use of, their feedback.

We are committed to our Health, Safety, Environmental and Quality Systems which are certified and accredited by international standards and applied effectively through all levels of our organizational standards and applied effectively through all levels of organization, thus ensuring a top-level execution of job.
NEW ENERGY S.r.l. is certified in a number of industries and is continuously improving and preparing for the future.

**ISO 9001:2015**

This certificate testify that NEW ENERGY S.r.l. meets the requirement of ISO 9001:2015 with respect to our Quality Management System.

**ISO 14001:2015**

This certificate provides a systematic framework to manage the immediate and long term environmental impacts of an organization’s products, services and processes.

**ISO 18001:2007**

This certificate provides a framework to identify and control its health and safety risks, reduce the potential for accidents, comply with legislation and improve operational performance.
OUR CLIENTS

New Energy’s team has successfully served with distinction to globally renowned corporates over the years, the below are the glimpses of some of our prestigious clients:
NOTES