

Other Positions Available at MS Power Kemper County Facility.

Gas Tech

An in-depth knowledge and understanding of Integrated Gasification and/or Petrochemical plant equipment such as multistage separation processes such as absorbers, strippers, and scrubber columns, fluidized bed dryers and reactors, multistage pumps and compressors, fixed bed catalytic reactors, etc Responsible for field operations of assigned areas

Conduct plant commissioning and field walks during construction and startup of plant

Operate & maintain assigned units including performing operator rounds, equipment monitoring, troubleshooting, and minor maintenance and repair of equipment

Prepare equipment for maintenance and perform Lockout/Tagout to ensure that all energy sources are safely and positively isolated before allowing work to be initiated

Monitor and troubleshoot plant processes and respond to emergency situations

Monitor environmental emissions to ensure permit compliance

Certify via classroom and field testing and maintain certification in your assigned areas

Ability to certify and maintain certification in emergency response including fire brigade, first responder, HAZMAT, aerial rescue, etc.

Perform real-time equipment assessments and perform any necessary corrective actions

Perform preventive & corrective maintenance

Participate in all aspects of plant outages (planning, contract administration, maintenance activities, etc.)

Support electrical and mechanical maintenance work

Refinery Tech -

An in-depth knowledge and understanding to operate all traditional combined cycle power generation, Integrated Gasification Combined Cycle or Petro/Chemical plant equipment. Specifically, but not limited to combustion turbines, steam turbines, pumps, and compressors. This position will also perform real-time equipment assessments, perform Lockout/Tag out, and load and unload tanker trucks.

Operation

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Gasification Team

This position provides leadership for plant operations (in charge of the plant at night, on week-ends and holidays), coordination of daily maintenance activities, and fuel delivery activities. This position is accountable for supervising overall plant operations to achieve maximum availability, efficiency and longevity of the generating units and its supportive equipment and to assure that generation is available to meet system requirements in a safe and economical manner. This position provides leadership to the operating crews to maximize plant reliability and efficiency while complying with all safety, regulatory and environmental requirements. This position will provide coaching through performance management for each member of the team, seeking to develop the employees' skills for future opportunities. This position provides input to the Plant Leadership Team concerning potential work method, process, or equipment improvements that would contribute to the success of the Plant.

Leader

Process Engineer

This position is responsible for applying first engineering principles and direct unit operation experience in support of the safe and reliable operation of the Kemper County Integrated Gasification Combine Cycle. Provide specialized technical expertise/leadership for assigned areas during plant construction, commissioning and commercial operation.

Serve as startup lead for assigned area(s). This includes developing detailed equipment, integrated component, and system level startup plans for assigned area(s); as well as, developing turnover packages, test packages and startup procedures.

Serve as technical expert for commercial operation capable of applying first engineering principles to optimize process performance. This includes ensuring the plant as a whole and individual unit operations are operating in a safe manner, at optimum conditions and at the right rate to meet production requirements. Typical duties would include such things as balancing the performance / deactivation of catalyst with its expected life; optimizing pump around and steam rates to minimize station service, and monitoring performance of absorbers to look for signs of fouling, channeling, poor flow distribution or pressure drop increases.

Observe, measure, report data and communicate corrective actions to Operations personnel to ensure compliance with environmental requirements.

Serve as system owner for assigned area(s). This includes development of maintenance strategies and management of O&M/capital improvement projects to maximize reliability and

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<p>Gas Analyst</p>	<p>This position is responsible for calibration, maintenance, and troubleshooting of gas analyzers and emissions monitoring technologies in a coal gasification environment. Knowledge of rack mounted analyzers manufactured by various companies such as Rosemount, Siemens, Ametek, or M&C.</p> <p>Knowledge of gas sampling systems including probes, piping/tubing, sample line routing through industrial environments, etc.</p> <p>Experience with process or laboratory gas chromatographs is a plus. Must have good problem solving and analytical skills necessary to determine current / future operating conditions and trends for optimizing plant performance.</p> <p>Must have superior interpersonal skills, proven written and oral communication skills; ability to work independently and as an effective team member.</p> <p>Knowledge of combined cycle/power plant operations is desired, but not essential.</p>
<p>Refinery Tech - Instrumentation</p>	<p>The skills to troubleshoot, calibrate, disassemble, reassemble, and repair electrical/electronic equipment, instruments, and digital, analog, and pneumatic control systems using technical manuals, instruction books, wiring diagrams, and electrical, electronic, and pneumatic test equipment.</p>
<p>Refinery Tech - Mechanical</p>	<p>The skills to repair and/or rebuild equipment such as pumps, compressors, blowers, valves, solids handling equipment, etc. using manufacturers instruction books or plant maintenance procedures or instructions and be skilled in the use of hand tools, power tools, rolling stock, rigging and similar equipment and tools</p>
<p>Chemical Tech</p>	<p>This position provides plant-wide leadership for chemical process efficiency and chemical product quality by providing chemical analysis of saleable products and intermediates; chemical protection of the boiler, turbine, and related steam generating equipment per EPRI guidelines; and efforts to eliminate loss of efficiency and the Additional accountabilities include: ensure the provision of high quality demineralized water in storage at all times to support plant operations; assist with the development of the O&M and capital budgets for plant equipment based on assessment of the impact of water chemistry on operations and in support of plant goals and the business plan; initiate, plan, and manage chemistry-related projects; assure compliance with federal and state environmental regulations by directing the proper operation of pollution control equipment to avoid NPDES violations; and providing leadership and technical assistance on chemistry-related issues to other Southern Company</p>

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<p>Planner</p>	<p>this position will be responsible for planning and scheduling maintenance activities of the gasification power train, syngas clean-up, chemical product production, and associated gasification island balance of plant equipment at the Generating Facility. This position is responsible for scheduling of maintenance work activities, detailed work plans, and providing coordination during unit outages for Kemper County Generating Facility. This position will provide direct support to maintenance crew(s) by providing planning, estimating, scheduling, and coordination for maintenance activities on plant equipment. The Planner will provide backup to other Planners as workloads dictate and provide coordination support during outages</p>
<p>PSM Safety Specialist</p>	<p>This position works closely with Senior Level EHS personnel to help develop and implement Process Safety Management (PSM)/EHS programs for the site This will require a demonstrated knowledge of the Process Safety Management elements, as well as safety and health requirements and regulations as they apply to the plant. Effective transfer of this knowledge to site employees and contractors will drive full compliance, as well as a safe and healthy working environment</p>
<p>Contract Specialist</p>	<p>This position is responsible for ensuring compliance with the Southern Company Contracts Manual at the Kemper County Energy Facility. This position will work with Kemper personnel to maintain and update processes and procedures in reference to contract compliance; ensure contractor compliance with Process Safety management; monitor and report on contractor man hours; maintain documentation on required Key Performance indicators; and manage the Maximo Labor Rate Contract process</p>