




## Flammability R&D Engineer

[Apply](#)

 US - DE - Newark

 Full time

 Posted 2 Days Ago

 JR14520

As we create a colorful, capable and cleaner world through chemistry, we invite you to join our team to harness the power of chemistry to shape markets, redefine industries and improve lives for billions of people around the world.

### CREATING ESSENTIAL CHEMISTRY THAT THE WORLD NEEDS

At Chemours, our people are redefining how the world thinks of chemistry by approaching everything we do with a commitment to delivering Trusted Chemistry that creates better lives and helps communities thrive. That begins with how we use our science, data, and unmatched technical expertise to develop market-leading products with the highest levels of performance, sustainability, and safety in the industry.

Powered by chemistry, our products are used in applications that make the products we rely on, processes, and new technologies possible. In key sectors such as clean energy, advanced electronics, high-performance computing and AI, climate friendly cooling, and high-quality paints and coatings for homes and industrial infrastructure—sustainable solutions and more modern living depend on Chemours chemistry.

Chemours is seeking an **R&D Engineer** to join our growing Thermal and Specialized Solutions (TSS) team! This position will report directly to the Global Core Services Manager at our R&D Discovery Hub in **Newark, DE** location.

**The responsibilities of the position include, but are not limited to, the following:**

- To provide R&D laboratory support for the development of improved next generation fluorochemical processes and products.
- To conduct a variety of tests to understand the flammability properties of neat refrigerants and blends, foam expansion agents, specialty fluids, etc. These tests encompass both standardized and novel tests under simulated process and application conditions.
- To interface with colleagues in TSS R&D and Technical Service organization to set the objectives and priorities for the various tests. To provide data to guide research programs, to support patent applications, as well as to address technical questions by our external customers.
- To plan and conduct experiments independently, collect necessary data, organize/record the data, share conclusions broadly and continue experiments as needed with minimal guidance from supervision.
- To blend, package, and consolidate various refrigerants and specialty products keeping strict adherence to safety, environmental and quality aspects.
- Lifting and moving refrigerants and other raw materials up to 55lbs with appropriate safety and ergonomics consideration may be involved in standard work.
- To ensure the various laboratory measurement systems are in good working condition and to make upgrades as needed.

**The following is *required* for this role:**

- College bachelor's degree in Engineering – Chemical, Mechanical, Electrical, Materials Science or similar degree
- Strong fundamental knowledge of thermodynamics, heat and mass transfer
- Strong mechanical ability to setup, maintain, fix and troubleshoot lab equipment
- Good interpersonal and communication skills, and ability to work well with all levels in the organization
- Self-motivated, customer focused and ability to independently achieve results
- Ability to work in teams and work in a collaborative environment
- Demonstrated problem-solving/troubleshooting and data analysis skills
- Demonstrated skills in multitasking and planning/organizing
- Excellent written and verbal communication.

**The following is *preferred* for this role:**

- 2 years or more of post degree experience performing technical tasks in a manufacturing facility, R&D or analytical testing lab or similar setting
- Experience in combustion testing/research, fire safety, or related areas in HVAC&R, chemical, or automotive industries
- Experience with handling gaseous reagents and highly hazardous materials such as HF and HCl
- Familiarity with UL, ASHRAE, ASTM, and ISO flammability classification methods
- Familiarity with design of experiments and other statistical techniques

**Benefits:**

Competitive Compensation  
Comprehensive Benefits Packages  
401(k) Match  
Employee Stock Purchase Program  
Tuition Reimbursement  
Commuter Benefits  
Learning and Development Opportunities  
Strong Inclusion and Diversity Initiatives  
Company-paid Volunteer Day

We're a different kind of chemistry company because we see our people as our biggest assets. Instead of focusing just on what our employees do each day, we look at how they do it—by taking a different approach to talent development, employee engagement, and culture. Our goal is to empower employees to be their best selves, at Chemours and in life.

[Learn more about Chemours and our culture by visiting Chemours.com/careers.](https://chemours.com/careers)

*Chemours is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to age, race, religion, color, gender, disability, national or ethnic origin, ancestry, marital status, family status, sexual orientation, gender identity or expression, or veteran status. Jurisdictions may have additional grounds for non-discrimination, and we comply with all applicable laws.*

*Chemours is an E-Verify employer*

*Candidates must be able to perform all duties listed with or without accommodation*

*Immigration sponsorship (i.e., H1-B visa, F-1 visa (OPT), TN visa or any other non-immigrant status) is not currently available for this position*

*Don't meet every single requirement? At Chemours we are dedicated to building a diverse, inclusive, and authentic workplace for our employees. So if you're excited about this role, but your past experience doesn't align perfectly with every qualification in the position description, we encourage you to apply anyways. You may just be the right candidate for this or other opportunities.*

*In our pursuit to be the greatest place to work, we know that a critical element to enhancing our employee experience is to assure we're operating with a solid foundation of trust. At Chemours, this means being transparent about how we pay our employees for the work that they do.*

Pay Range (in local currency):

\$73,947.00 - \$115,542.00

Chemours Level:

23

Annual Bonus Target:

6%

*The pay range and incentives listed above is a general guideline based on the primary location of this job only and not a guarantee of total compensation. Factors considered in extending a compensation offer include (but are not limited to) responsibilities of the job, experience, knowledge, skills, and abilities, as well as internal equity, and alignment with market data. The incentive pay is dependent on business results and individual performance and subject to the terms and conditions of the specific plans.*

At Chemours, you will find sustainability in our vision, our business and your future. If you want to work on the leading edge of your field and have a desire to make a difference, join Chemours and discover what it means when we say "We Are Living Chemistry."

## Similar Jobs (1)

### Associate Chemist/Engineer for Heat Transfer Fluids

 US - DE - Newark

 Full time

 Posted 30+ Days Ago

## About Us



# Chemours™

Every day Chemours delivers Trusted Chemistry that enables products and technologies that people rely on to live better and thrive. A global leader in industrial and specialty chemicals, our chemistry enables vital innovations from high-performance computing, artificial intelligence (AI), and advanced electronics to batteries for electric and low-emissions vehicles, climate friendly cooling, paints and durable coatings for advanced infrastructure, and more.

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