



**Spraying Systems Co.**  
Experts in Spray Technology



Spray  
Nozzles



Spray  
Control



Spray  
Analysis

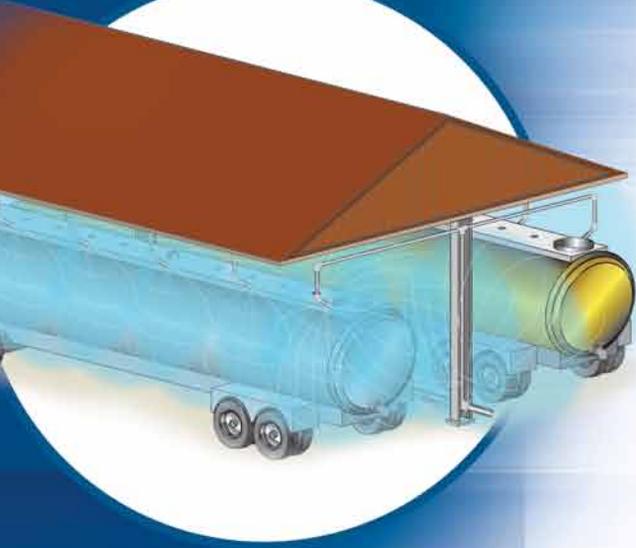


Spray  
Fabrication



**Fire Protection Spray Products  
and Application Support Services**

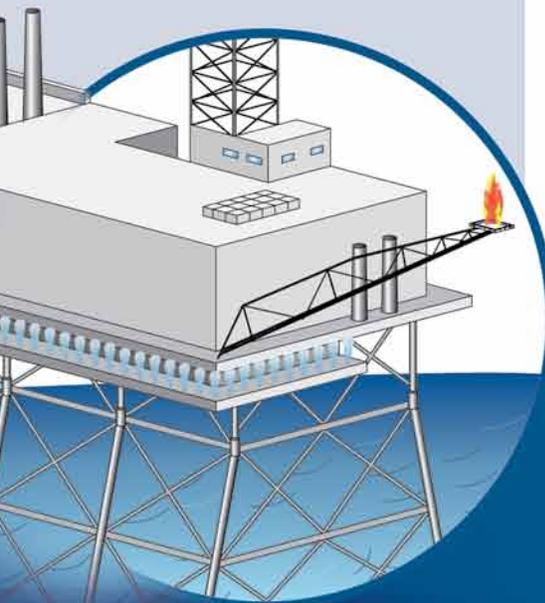
Wet Chemical, Water Mist, Deluge, Foam and More



Gas loading/tanker truck



Heavy vehicle engine compartment



Off-shore oil production

# More Products, More Expertise, More Capabilities

for fire protection from the  
world's leader in spray technology

In many applications such as cleaning, cooling and drying, the role of spray technology is quite straightforward. However, that's not the case in fire protection applications. Understanding the science of spray technology and how to implement it is essential for application success and public safety. And that's where we excel.

In the sections that follow, you'll find more information on the products and services we provide to customers in the fire protection industry. You'll also learn more about how we differ from other companies that supply fire protection spray products and how those differences translate into better quality, greater value and increased efficiency for you.

## The most extensive line of spray nozzles and accessories

- More than 87,000 products
- Hundreds of spray nozzles used for fire protection applications with certifications from Underwriters Laboratories
- Widest variety of spray styles, including water mist, and nozzle connections, spray angles and materials

## Sole focus on spray technology for more than 70 years

- Since our founding, advancing spray technology and solving spray applications has been our mission
- Decades of experience with fire protection applications and providing customized solutions to OEM customers
- Innovation and leadership in fire protection nozzle design – especially in the areas of cluster spray, hydraulic atomizing, deluge and foaming nozzles

## TRACK RECORD OF SOLUTIONS:

- Water Mist Fire Protection
  - Marine machinery spaces
  - Fine water mist fire extinguisher for spacecraft
  - Turbine enclosures
  - Commercial deep fat fryers
  - Heavy vehicle engine compartments
- Portable Fire Extinguisher Hose Assemblies
  - Class 4A foam
  - Class B AFFF
  - Class K wet chemical
- Pre-engineered Industrial Kitchen Suppression

## Global manufacturing, global service and support

- Manufacturing locations around the world to meet any need
- More than 80 sales engineering offices and hundreds of spray technology experts available to assist you locally
- Extensive online fire protection application information and a product selection tool at [www.spray.com](http://www.spray.com); additional technical resources available upon request
- Factory engineers dedicated to providing custom fire protection spray solutions

## Immersion in the industry

- Active members of National Fire Protection Association (NFPA) and International Water Mist Association (IWMA)
- Active participants in specialized spray technology organizations such as Institute for Liquid Atomization and Spray Systems (ILASS) and American Society for Testing and Materials (ASTM) sub-committee on drop size

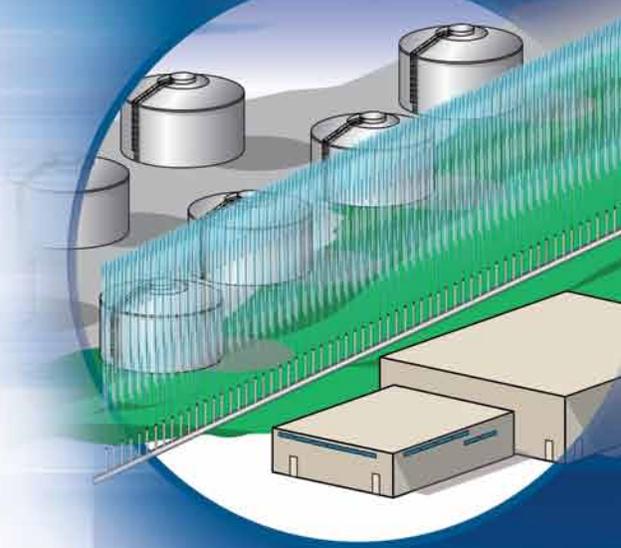
## Unique testing and fabrication capabilities

- World's largest dedicated spray laboratories filled with state-of-the-art equipment for research, performance testing, prototyping
- Spray characterization, drop size distribution, spray impact, spray pattern, spray coverage and more are typical tests conducted for fire protection application support
- Extensive fabrication capabilities including sub-assemblies and custom packaging
- Contract testing services to address specific performance issues and ensure application success

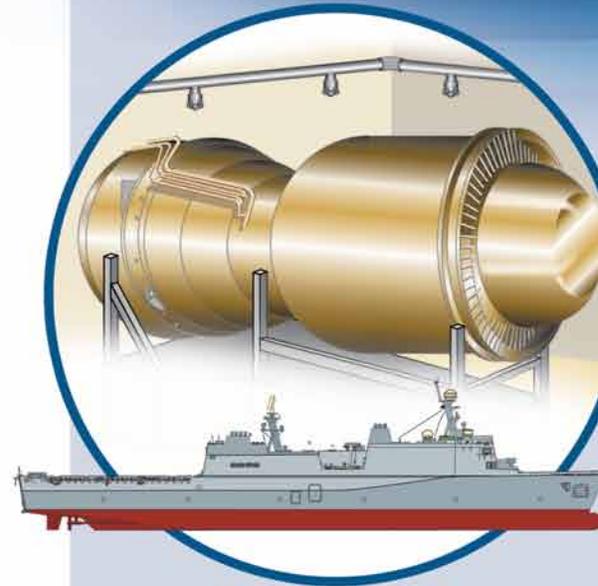
## A reputation for quality and a commitment to keep it

- ISO 9001/14001 certified
- Quality checks and testing prior to shipping
- Ongoing investment in research and development
- Regular independent audits to maintain certifications

- Residential Kitchen Range Extinguishers
- Deck Mounted AFFF and Wash Down Nozzle Systems
- Compressed Air Foam Suppression
- Off-Shore Oil Platform Protection
- Flammable Gas Filling Stations
- Explosion Suppression Systems
- Heat Mitigation and Protection
  - Storage tank water curtains
  - Building heat blast protection systems



Gas storage tanks



Marine engine enclosures



Commercial kitchens – range hood

## Other Helpful Resources

### Technical Articles and Technical Performance Data

Extensive library of technical materials for fire protection applications available. Contact us to discuss your needs.



### Spray Analysis and Research Services Bulletin 520C

Eight-page bulletin addresses how advanced spray testing helps determine performance under varying operating conditions to ensure application success.



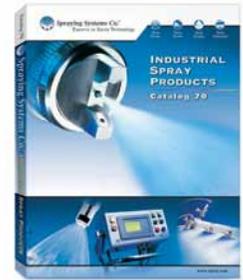
### Fire Protection Application Center Visit [www.spray.com](http://www.spray.com)

Search our full range of nozzles for fire protection, learn more about the various technologies used in fire protection, access technical information and more in the Fire Protection Application Center on our website.



### Industrial Spray Products Catalog 70 and 70M

Full-line catalog including spray nozzles and accessories, technical data and problem solving ideas.



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