

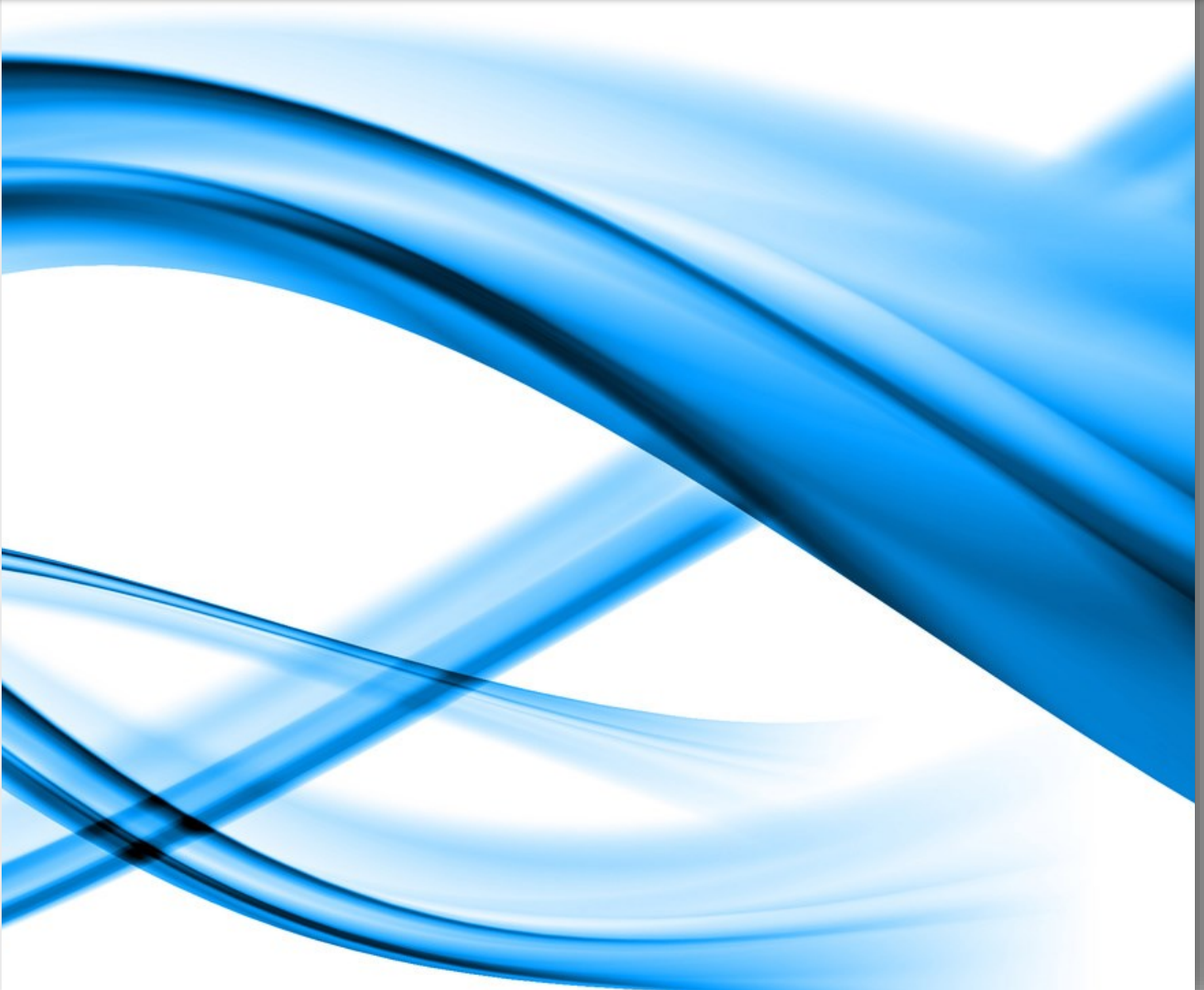


IRP FIRE & SAFETY LTD.

A member of the IRP Group of Companies

Engineering & Projects Division

Specialized Industrial Services



Fire pumps are a critical part of a fire protection system, and expensive pieces of infrastructure designed to protect a company's assets from partial or total destruction in the event of a fire. Properly maintained and tested, fire pumps will deliver countless years of worry-free performance.

IRP's Testing Criteria & Resources

- Follow NFPA 25- Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (chapter 8) requirements for test.
- Necessary tools, software and equipment to successfully carry out the testing
- Qualified Engineers and Technicians with the necessary competency
- Working relationships with foreign partners specializing in the related Field
- Detailed analysis of test results and report of fire pump flow test
- Recommendations to correct problems and improve the operation of the system



SPRINKLER AND DELUGE TEST

- Follow NFPA 25- Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (chapter 5) requirements for test.
- Necessary tools, software and equipment to successfully carry out the testing
- Qualified Engineers and Technicians with the necessary competency

Sprinkler test includes:

Water delivery components- pipe fittings, fire department connections, sprinkler, etc.

- ⇒ Alarm and supervisory components
- ⇒ Control valves, regulating devices, gauges, etc.
- ⇒ Hydraulic design information
- Hangers and seismic braces inspection at floor level
- Component action requirement



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HYDRANT TEST:

- Follow NFPA 25- Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (chapter 7) requirements for test.
- Necessary tools' software and equipment to successfully carry out the testing
- Qualified Engineers and Technicians with the necessary competency

Hydrant test includes:

- ⇒ Inspection of barrel- cracks, leaks, worn thread
 - ⇒ Monitor nozzle
 - ⇒ Hose houses
 - ⇒ Water delivery components- pipe, fittings, strainers, fire department connection, etc.
 - ⇒ Valve, gauges, identification tags, etc.
 - ⇒ Structural components- thrust blocks, tie rods, etc.
- Lubrication of hydrant, nozzles, etc.
 - Component action requirements



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TEMPORARY REFUGE & ROOM INTEGRITY PRESSURIZATION SERVICES:

- Requirement of NFPA 2001, ISO 14520 & EN15004
- The only Retrotec certified tester in the Caribbean with levels 1-3 Enclosure Integrity certification
- Necessary tools and equipment to successfully carry out the testing
- Qualified Engineers and Technicians with the necessary competency

Services includes:

⇒ Air tightness test, Room Integrity and Duct Leakage test.

- The very latest in testing technology will provide thorough informative assessments concerning potential areas of leakage, advice and recommendations on protection and solution,
- Full retention reports.



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www.irpltd.com

Address: 119 Boundary Road, San Juan, Trinidad W.I

Phone: 674-0693 | 0694 | 3632.

Fax: 674-0736 | 675-3873

Email: csr.fse@irpltd.com |

