



August 11, 2026

Hall County Fire Rescue
2801 Allen Creek Rd.
Gainesville, GA 30507

**SUBJECT: SOLE-SOURCE JUSTIFICATION FOR
 CONTAINER FIRE SIMULATOR ST BURN CHAMBER ADDITIONS**

To Whom It May Concen:

We hereby confirm that Symtech Fire, LLC is the sole and exclusive supplier of ST Fire Simulators. ST Fire Simulators include several proprietary features not available elsewhere. They are the only fire simulators that incorporate ALL of the following:

Premium Features – Symtech includes 3/16” steel heat shield/liner over a 2,400° F ceramic insulation system. Most competitors utilize thin gauge 1/8” steel and cheap Roxul insulation.

New Materials – Symtech utilizes New/1-Way containers and all brand-new materials for its builds.

Unique Burn Chamber Design – Symtech includes tube-framing fully welded in place with C-channel welded to the tube-framing to create a rugged, durable cradle for burn chamber material.

Floor Design – Symtech includes 3/16” steel plating with pavers for burn chambers. Most competitors utilized thin gauge 1/8” steel.

Full Height Framed Openings with Headers – Symtech not only includes tube framing for all openings, but it is also extended to re-connect the top and bottom rail of the container on both side of the opening with a header for all openings over 18”. No other manufacturer goes to this extent.

Training – Symtech provides training from NFPA-certified instructors including instructions from California. Many companies use service personnel or technicians for their training programs.

Symtech is the only vendor to meet **ALL** of the aforementioned criteria.

Sincerely,

Jonathan J. Hanson
Managing Director

CONTAINER FIRE SIMULATOR ST

Sole-Source Justification

- ***New/1-Way ISO Containers, Marine & Industrial Grade Paint***
Premium, new ISO containers with premium finishes.
- ***3/16" Steel Heat Shield Liner***
Better materials for more longevity.
- ***2,300° F Ceramic Insulation***
High temperature rated and mold-resistant. Symtech spares no expense to deliver the highest quality possible.
- ***3/16" Steel Floor with Pavers in Burn Room and Observation Chamber***
Reinforced flooring with drains and pavers for added protection.
- ***Tube-framing plus C-Channel and Engineered Safety Chain Design***
Designed based on many years of experience and for the thermal dynamics produced.
- ***Fully Welded On-Site as Required***
For full control of heat, gases and fire dynamics, as well as extended longevity.
- ***Training Program from experience NFPA-certified instructor personnel***
The training brings the tool to life!

