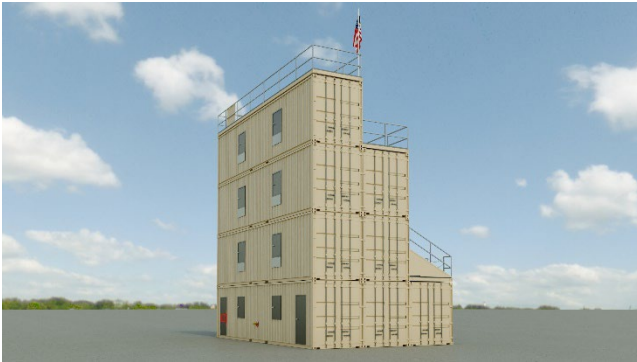


MODULAR TRAINING TOWER
For Evans Fire Protection District
2100 37th St.
Evans, CO 80620



Submitted to:

**Evans Fire Protection District
2100 37th St.
Evans, CO 80620**

**Submitted by:
Symtech Fire, LLC
Berkeley Heights, NJ 07922**

Modular Training Tower

Due Date: November 15, 2023



November 13, 2023

Evans Fire Protection District
2100 37th St
Evans, CO 80620

SUBJECT: Response to RFP Modular Training Tower

Dear Captain Deibel:

Please find our Proposal and Corporate Qualifications for the Installation and delivery of your modular training tower to be built to connect to the existing tower.

Symtech's proposal is based on the use of all New/1-way containers. Our solution is fully engineered, with tube framing around all openings. Our training units includes several value added features, including a fully functioning roof chop-out enabling real venting of heat and gases.

Symtech specializes in live fire simulation technologies utilizing environmentally friendly propane or natural gas. Our Live Fire Simulator Technology is fully compliant with the NFPA 1402 Standard on Facilities for Fire Training and Associated Props, as well as all other applicable standards.

Thank you for your consideration.

Sincerely,

Jonathan J. Hanson
Managing Director

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PROPOSAL FORM

EVANS FIRE PROTECTION DISTRICT




Name of Firm Submitting Proposal _____

Name of Person Submitting Proposal _____

PROPOSAL ACKNOWLEDGMENT

"The undersigned, as Proposer, hereby declares that they have informed themselves fully in regard to all conditions of the work to be done, and that they have examined the RFP and Specifications for the work and comments hereto attached. The Proposer agrees that, if this Proposal is accepted, it will contract with the Evans Fire Protection District in the form of a Training Tower Purchase Agreement, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, labor, and service necessary to complete the work covered by this RFP and the contract documents for this project. The Proposer agrees to accept in full compensation for each item the prices named in the schedules incorporated herein."

TOTAL SUM PROPOSAL \$

Signature  _____
Date _____

This document must be completed and returned with your Submittal.

EXCEPTIONS OR DEVIATIONS TO SPECIFICATIONS

Note: Proposer must sign the appropriate statement below as applicable.

- Proposer understands and agrees to all terms, conditions, requirements, and specifications stated herein.

Firm: _____

Signature:  _____

- Proposer takes exceptions to terms, conditions, requirements, or specifications stated herein. (Proposer must itemize each exception below and return with the Proposal Form.)

Firm: _____

Signature: _____

NOTE: Any exceptions taken from the terms, conditions and/or specifications set forth in the RFP *may* cause the Proposal to be deemed "non-responsive" and rejected.

- Attached are additional pages.

This document must be completed and returned with your Submittal.

DISCLOSURE OF SUBCONTRACTORS, SUBCONSULTANTS, AND SUPPLIERS

Name of Firm Submitting Proposal: _____

Name of Person Submitting Proposal: _____

Please list all Subcontractors, Subconsultants, or Suppliers to be used in connection with the performance of this project. Attach additional sheets as necessary.

Name of Firm or Agency: _____

Address: _____ Telephone: _____

Contact Name/Title: _____

Name of Firm or Agency: _____

Address: _____ Telephone: _____

Contact Name/Title: _____

Name of Firm or Agency: _____

Address: _____ Telephone: _____

Contact Name/Title: _____

Name of Firm or Agency: _____

Address: _____ Telephone: _____

Contact Name/Title: _____

Name of Firm or Agency: _____

Address: _____ Telephone: _____

Contact Name/Title: _____

This document must be completed and returned with your Submittal.

PROVIDER QUESTIONNAIRE AND REFERENCES

(Please use a separate sheet for additional information)

PROPOSER: _____

DATE: _____

1. Where are your corporate/business headquarters located?
2. Where is your factory located?
3. If the completed facility needs repairs or maintenance, does your company provide a service to fulfill this request?
4. How many years has your organization been in business under your present business name?
5. List all previous business names of your organization:
6. Will you furnish a written guarantee that sufficient replacement equipment and/or replacement parts and components will be available at your facility if requested?
7. Will your company provide a written copy of the manufacturer's written or expressed warranty on the equipment? The Provider must state the length of the standard warranty and any extended warranties available as well as all requirements for the District to remain within warranty compliance.
8. Does your company contract out the warranty repair work? If so, how long has your company done this? How long has the current vendor been with your company? Please provide the name, address, and phone number of the vendor.
9. Have you ever failed to complete any work awarded to you in the last 3 years? If yes, where and why?

RFP Modular Training Tower
Evans Fire Protection District

List/describe five (5) contracts/projects with similar specifications that you currently have recently completed.

Project and Location: _____

Date: _____ Contract Amount: _____

Contact Name and Email: _____

Project and Location: _____

Date: _____ Contract Amount: _____

Contact Name and Email: _____

Project and Location: _____

Date: _____ Contract Amount: _____

Contact Name and Email: _____

Project and Location: _____

Date: _____ Contract Amount: _____

Contact Name and Email: _____

Project and Location: _____

Date: _____ Contract Amount: _____

Contact Name and Email: _____

PROVIDER'S AFFIDAVIT

State of NJ County of Union

Before me personally appeared, Jonathan Hanson who is (title) Owner/Managing Director of (the company described herein) Symtech Fire LLC being duly sworn, deposes and say that the foregoing statements are a true and accurate statement of the position of said organization as of the date thereof, and, that the statements and answers to the foregoing experience questionnaire are correct and true as of the date of this affidavit; and, that he/she understands that intentional inclusion of false, deceptive, or fraudulent statements of its Proposal constitutes fraud; and, agrees to furnish any pertinent information requested by the District deemed necessary or appropriate to verify the statements made in this Proposal or regarding the ability, standing and general reputation of the Proposer.

Personally Known _____ or Produced Identification

Sworn to and subscribed before me this 13th day of November, 2023.

NOTARY PUBLIC - STATE OF New Jersey

Adam Fabiano
Print Name of Notary Public

Adam Fabiano
Signature of Notary Public

Adam Fabiano
Commission# 50138297
Notary Public of New Jersey
My Commission Expires: 09/23/2025

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Symtech Fire LLC		
	2 Business name/disregarded entity name, if different from above		
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ <u> P </u> Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶		
	5 Address (number, street, and apt. or suite no.) See instructions. P.O. BOX 493		Requester's name and address (optional)
	6 City, state, and ZIP code BERKELEY HEIGHTS, NJ 07922		
	7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									
8	5	-	1	2	2	1	2	1	8

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶ <u> 2/1/2023 </u>
------------------	----------------------------	----------------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/16/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER JBL Trinity Group, Ltd. 50 First Avenue Atlantic Highlands, NJ 07716	CONTACT NAME: Bart DiMattina PHONE (A/C, No, Ext): (732) 888-5000 124 FAX (A/C, No): (732) 888-4646 E-MAIL ADDRESS: BartDiMattina@jbltrinity.com INSURER(S) AFFORDING COVERAGE NAIC # INSURER A : General Star Indemnity INSURER B : Travelers Casualty And Surety Company INSURER C : Employers Preferred Ins. Co. 31283 INSURER D : Lloyds of London INSURER E : INSURER F :
INSURED Symtech Fire, LLC PO Box 493 Berkeley Heights, NJ 07922	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			IYG930231	3/5/2023	3/5/2024	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BA-1T655574-23-42-G	1/25/2023	1/25/2024	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED _____ RETENTION \$ _____			IXG676245	3/5/2023	3/5/2024	EACH OCCURRENCE	\$ 2,000,000
							AGGREGATE	\$ 2,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A	EIG 5162727 00	1/26/2023	1/26/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	\$
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Professional Liabili			PF00520A21	8/12/2022	8/12/2023	Limit	1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION
Evidence of Insurance	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



March 19, 2023

SUBJECT: AWS Welder Certifications

To Whom It May Concern:

Symtech Fire hereby certifies that we utilize certified welders as required by AWS D1.1 Structural Welding Code and furthermore, these specific welders will be utilized for the build being bid/quoted on.

Copies of the applicable certificates are enclosed.

Symtech specializes in live fire simulation technologies utilizing environmentally friendly propane or natural gas. Our Live Fire Simulator Technology is fully compliant with the NFPA 1402 Standard on Facilities for Fire Training and Associated Props.

Please let us know if you have questions if you require additional information on this matter.

Sincerely,

Jonathan J. Hanson
Managing Director

Enclosure: Welding Certificates (8 pages)



REVISED 2006-2021

REPORT OF WELDER AND WELDING OPERATOR QUALIFICATION TEST REPORT

TESTED FOR: REAL STEEL FABRICATORS, INC.
PO BOX 246
OLD HICKORY, TN 37138
ATTN: APRIL MCEWEN

PROJECT: WELDER QUALIFICATIONS

DATE: AUGUST 31, 2021

OUR REPORT NO.: 17-1434-10

Welder/Welder Operator's Name DONALD MAJOR	Welding Code (ID & year) AWS D1.1-20	Client Order No.	Specimen <input checked="" type="checkbox"/> Plate <input type="checkbox"/> Pipe	Lab. No.
Welder Identification No. 2294	Base Material Specification A-36	Diameter & Wall Thickness NA	Joint <input checked="" type="checkbox"/> Groove <input type="checkbox"/> Fillet	Plate Thickness 1"
Process GMAW	Position 1G	Specimen Furnished By Client	Specimen Machined By	Thickness Range Qualified .125" - UNLIMITED
Weld Progression <input type="checkbox"/> Up 3G <input type="checkbox"/> CW <input checked="" type="checkbox"/> L to R <input type="checkbox"/> Down <input type="checkbox"/> CCW <input type="checkbox"/> R to L	Welding Procedure No. AWS PRE-QUALIFIED	Rev. No.	Current <input type="checkbox"/> AC <input checked="" type="checkbox"/> DC AMPS:	Polarity <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Reverse
Welding Procedure Data by:			Others <input checked="" type="checkbox"/> Client	

FILLER METAL

VISUAL INSPECTION (AWS ONLY)

Specification No. A5.18	Classification ER70S-6	Appearance	Acceptable
Backing 1/4"	Diameter/F No. .035"	Undercut	Acceptable
Shielding <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Flux	Trade Name Lincoln	Piping Porosity	Acceptable

GUIDED BEND TEST RESULTS

TYPE	RESULTS	TYPE	RESULTS

FILLET TEST RESULTS

Weld Appearance <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Fillet Size Leg: in. x in. <input type="checkbox"/> Concavity: in. <input type="checkbox"/> Convexity: in.
Macro Etch Test Results <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Fracture Test Results (Describe location, nature & size of any cracks or tearing of the specimen)

RADIOGRAPHIC TEST RESULTS

FILM IDENTIFICATION	RESULTS	REMARKS	FILM IDENTIFICATION	RESULTS	REMARKS
2294	PASS				

QUALIFICATION RESULTS

The Welder/Operator identified above DOES DOES NOT meet the performance qualifications specified in the Code identified above for the variables stated.

REMARKS:

Respectfully submitted,
GPR Testing and Inspection, LLC



15 YEARS, 2006-2021

REPORT OF WELDER AND WELDING OPERATOR QUALIFICATION TEST REPORT

TESTED FOR: REAL STEEL FABRICATORS, INC.
 PO BOX 246
 OLD HICKORY, TN 37138
 ATTN: APRIL MCEWEN

PROJECT: WELDER QUALIFICATIONS

DATE: OCTOBER 25, 2021

OUR REPORT NO.: 17-1434-12

Welder/Welder Operator's Name DONALD MAJOR	Welding Code (ID & year) AWS D1.1-20	Client Order No.	Specimen <input checked="" type="checkbox"/> Plate <input type="checkbox"/> Pipe	Lab. No.	
Welder Identification No. 2294	Base Material Specification A-36	Diameter & Wall Thickness NA	Joint <input checked="" type="checkbox"/> Groove <input type="checkbox"/> Fillet	Plate Thickness 1"	
Process GMAW	Position 2G	Specimen Furnished By Client	Specimen Machined By	Thickness Range Qualified .125" - UNLIMITED	
Weld Progression <input type="checkbox"/> Up <input type="checkbox"/> CW <input checked="" type="checkbox"/> L to R <input type="checkbox"/> Down <input type="checkbox"/> CCW <input type="checkbox"/> R to L	Welding Procedure No. AWS PRE-QUALIFIED	Rev. No.	Current <input type="checkbox"/> AC <input checked="" type="checkbox"/> DC AMPS:	Polarity <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Reverse	
Welding Procedure Data by:		Others <input checked="" type="checkbox"/> Client			
FILLER METAL			VISUAL INSPECTION (AWS ONLY)		
Specification No. A5.18	Classification ER70S-6	Appearance	Acceptable		
Backing 1/4"	Diameter/F No. .035"	Undercut	Acceptable		
Shielding <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Flux	Trade Name Lincoln	Piping Porosity	Acceptable		
GUIDED BEND TEST RESULTS					
TYPE	RESULTS	TYPE	RESULTS		
FILLET TEST RESULTS					
Weld Appearance <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Fillet Size Leg: in. x in. <input type="checkbox"/> Concavity: in. <input type="checkbox"/> Convexity: in.	Fracture Test Results (Describe location, nature & size of any cracks or tearing of the specimen)			
Macro Etch Test Results <input type="checkbox"/> Pass <input type="checkbox"/> Fail					
RADIOGRAPHIC TEST RESULTS					
FILM IDENTIFICATION	RESULTS	REMARKS	FILM IDENTIFICATION	RESULTS	REMARKS
2294	PASS				
QUALIFICATION RESULTS					
The Welder/Operator identified above <input checked="" type="checkbox"/> DOES <input type="checkbox"/> DOES NOT meet the performance qualifications specified in the Code identified above for the variables stated.					

REMARKS:

Blaine Anderson
 Blaine Anderson
 CWI 0001234
 OCT 25 2021

Respectfully submitted,
 GPR Testing and Inspection, LLC

WORLD TESTING, INC.

Expect. Inspect.

72 East Hill Drive
Mt. Juliet, TN 37122
(615) 754-4147
FAX (615) 758-6239

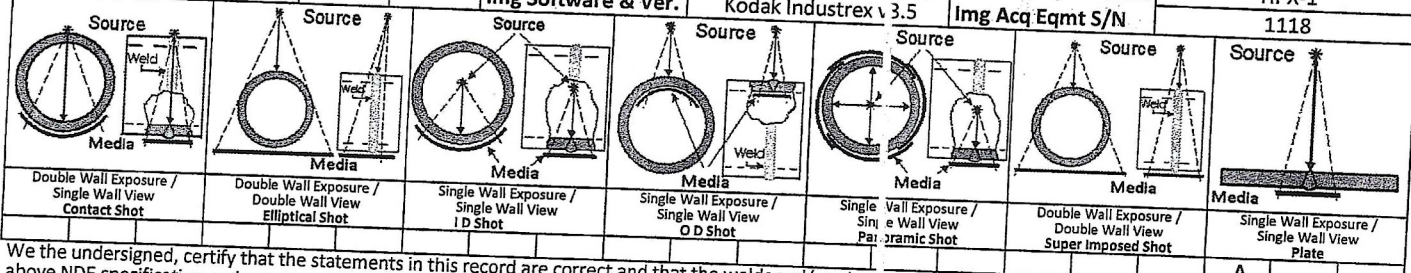
5123 Navy Road
Millington, TN 38053
(901) 873-4147
FAX (901) 873-4275

Computer Radiography Test Report (CR)

Client	US Army Corp of Engineers	NDE Procedure No.	WTI-CRT-5	Rev	0
Project	Welder Performance Qualification	Exam Date	02-19-2013		
Project ID No.		WTI Client ID	M00640		
Location	WTI Lab - Mt. Juliet, TN	WTI Lab No.	13-0122		
Acceptance Standards	AWS D1.1	NDE Specifications	AWS D1.1		

Piece ID	Area	Result		Discontinuity	Comments	Technique ID
		Accept	Reject			
Donald Major	A-B	X				
Donald Major	A-B	X				

Equipment and Technique Details						
Technique ID	A	IQI Type	WIRE	Shim/Block Thks.	N/A	
Source/Equipment	91593B	IQI Size/Number	10	Media Manufacturer	Kodak Industrex	
Type/kV	IR192	IQI Side	SOURCE	Media Type	HR	
Curies/mA	89.3	Material Type	C/S	Media Size	4.5X10	
Size/Focal Size	.142	Pipe Diameter	N/A	Total Media	2	
Source to Object	20	Weld Reinforcement	.187	Img Acq Eqmt Mfg	Kodak Industrex	
Object to Media	1.25	Base Mat'l Thickness	1"	Img Acq Eqmt Model	HPX-1	
Exposure Time	2 min 30 sec	Img Software & Ver.	Kodak Industrex v 3.5	Img Acq Eqmt S/N	1118	



We the undersigned, certify that the statements in this record are correct and that the welds and/or pieces were examined in accordance with the requirements of the above NDE specification and acceptance standard.

NDE Technician		Lab Manager		Catalog No.	20597
Name / NDT Level	Signature	Name	Signature		
Ronnie McCrary/II		Vernon L. O'Neal, III			
Date		Date		Digitally signed by Vernon L O'Neal, III Date: 2013.02.21 07:41:59 -06'00'	
02-19-2013		02-20-2013			

AWS D1.1 Prequalified Welding Procedure Specification (WPS)

WPS No. UACE-SMA-1 Date 2/18/2013 Rev. No. 0

Prepared By: Vernon ONeal, III

Date 2/18/2013 AWS-CWI

Welding Process SMAW Welding Method Manual

Joint Design Used

Weld Type CJP Groove welds
Joint Type Butt joint
Groove Type Single-V groove
Double Welded No
Backing Yes Material Steel Backing
Root Opening 1/4 in. Root Face 0 in.
Groove Angle 45° Radius N/A
Back Gouging No Method N/A

Base Metals

Base Metal ASTM A 36
Thickness: Groove 1/8 in. min.
Thickness: Fillet N/A
Pipe Diameter 3/8 in. min.

Filler Metals

AWS Specification 5.1
AWS Classification E7018

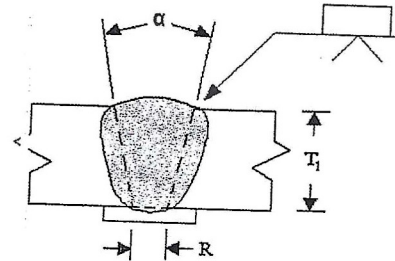
Shielding

Gas N/A Flow Rate -
Gas Cup Size N/A
Electrode-Flux (Class) N/A
Flux Trade Name N/A

Preheat

Preheat Temperature, Min. 32°F
Interpass Temperature, Min. 32°F Max. 350°F
Minimum Preheat and Interpass Temperatures for given thickness:
1/8" thru 3/4" incl.: 32°F (70°F if less than 32°F)
Over 3/4" thru 1-1/2" incl.: 50°F
Over 1-1/2" thru 2-1/2" incl.: 150°F
Over 2-1/2": 225°F

Joint Designation B-U2a



Position

Weld Position Groove All Positions
Weld Position Fillet N/A
Vertical Progression Vertical up

Electrical Characteristics

Power Source _____
Current / Polarity DCEP (reverse)
Transfer Mode N/A
Tungsten Electrode: Type N/A Size N/A

Technique

Stringer or Weave Bead Stringer and weave bead
Multi-pass or Single Pass (per side) Single and multipass
Number of Electrodes N/A
Electrode Spacing: Longitudinal N/A
Lateral N/A Angle N/A
Contact Tube to Work Distance N/A
Peening None
Interpass Clearing Wire Brush

Postweld Heat Treatment

Temperature None
Time (hr.) None

Welding Procedure

Pass or Weld Layer(s)	Process	Filler Metal		Current			Travel Speed (in/min)
		AWS Classification	Size (in.)	Type & Polarity	Amps	Volts	
Any	SMAW	E7018	3/32	DCEP (reverse)	70 - 110	16-18	12
Any	SMAW	E7018	1/8	DCEP (reverse)	90 - 150	18-20	12
Any	SMAW	E7018	5/32	DCEP (reverse)	120 - 190	20-22	12
Any	SMAW	E7018	3/16	DCEP (reverse)	170 - 280	22-24	12

Additional Notes

JOINT NOTES:

(e) SMAW detailed joints may be used for prequalified GMAW (except GMAW-S) and FCAW. (j) The orientation of the two members in the joints may vary from 135° to 180° for butt joints, or 45° to 135° for corner joints, or 45° to 90° for T-joints.

Copy

U.S. Army Corps. Engineer
801 Broadway
Nashville, TN 37203

Welder or Welding Operator Qualification Test Record (WPQR)

Welder's Name: Major, Donald Stamp: DM-UACE

Test WPS No.: UACE-SMA-1 Rev.: 0

Date: 2/18/2013 Page 1

Type of joint welded: Plate Groove weld

Joint type(s) qualified: All applicable groove, fillet, plug, and slot welds (except CJP T, Y-, & K-connections)

Base metal(s) welded: ASTM A 36 to ASTM A 36

Variables (Table 4.12)

	Actual Values Used		Range Qualified	
	SMAW / Manual		SMAW / Manual	
Welding process / type	1		1/8" to unlimited	
Base metal thickness - groove (in.)	N/A		1/8" to unlimited	
Base metal thickness - fillet (in.)	N/A		24" and over with backing, back gouging or both	
Pipe diameter - groove (in.)	N/A		All diameters.	
Pipe diameter - fillet (in.)	N/A		All sizes with backing, back gouging or both	
Box tube size (in.)	N/A		30° to unlimited	
Dihedral angle - fillet	N/A		With backing only	
Backing	Backing used			
Filler metal classification	E7018			
Filler metal specification	5.1			
Filler metal F-No.	4		F1 - F4	
Welding position - groove	3G & 4G		All Positions	
Welding position - fillet	N/A		All Positions	
Weld progression	Vertical up		Vertical up	
Shielding gas	N/A		N/A	
Welding current / polarity	DCEP (reverse)			
Transfer mode (GMAW)	N/A		N/A	
Single / multiple electrode	N/A		N/A	

Notes:

Visual inspection acceptable: Yes Other test results:

Guided Bend Test (4.31.5)			
Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Organization:

Test No.:

Inspected by:

Date

Radiographic Test Results (4.31.3.2)					
Film ID No.	Result	Remarks	Film ID No.	Result	Remarks
DM 3G	Satisfactory		DM 4G	Satisfactory	

Organization: World Testing, Inc. 615-754-4147

Test No.: 13-0122

Interpreted by: Ronnie McCrary

2/1/2029 NDT Level II

Date

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded and tested in conformance with the requirements of Clause 4 of AWS D1.1/D1.1M Structural Welding Code - Steel.

Manufacturer or Contractor: U.S. Army Corps. Engineers

Certified By:

Greg Cox

2/19/2013 Supervisor

Date



Industrial Door Contractors, Inc.
820 Mayberry Springs Road
Columbia, TN 38401

Welder or Welding Operator Qualification Test Record (WPQR)

Welder's Name: McCord, Jacob Stamp: 0374 (IDC)
 Test WPS No.: IDC-FCA-1 Rev.: 2 WPQ No.: JMcCord_IDC-FCA-1_4G Date: 10/20/2021 Page 1
 Type of joint welded: Plate Groove weld
 Joint type(s) qualified: All applicable groove, fillet, plug, and slot welds (except CJP T-, Y-, & K-connections)
 Base metal(s) welded: ASTM A 36 (<= 3/4 in. [20 mm]) to ASTM A 36 (<= 3/4 in. [20 mm])

Variables (Table 6.12)	Actual Values Used	Range Qualified
	FCAW / Semiautomatic	FCAW / Semiautomatic
Welding process / type:		
Base metal thickness - groove (in.):	0.375	CJP: 1/8" to 3/4" PJP: 1/8" to unlimited
Base metal thickness - fillet (in.):	N/A	1/8" to unlimited
Pipe diameter - groove (in.):	N/A	24" and over with backing, back gouging or both
Pipe diameter - fillet (in.):	N/A	All diameters.
Box tube size (in.):	N/A	All sizes with backing, back gouging or both
Dihedral angle - fillet:	N/A	30° to unlimited
Backing:	Backing used	With backing only
Filler metal classification:	E71T-1	
Filler metal specification:	5.20	
Filler metal F-No.:	N/A	N/A
Welding position - groove:	4G - Overhead	Flat & Overhead
Welding position - fillet:	N/A	Flat, Horizontal, & Overhead
Weld progression:	N/A	N/A
Shielding gas:	100% CO2	N/A
Welding current / polarity:	DCEP (reverse)	
Transfer mode (GMAW):	N/A	N/A
Single / multiple electrode:	N/A	N/A

Notes:

Visual inspection acceptable: Yes Other test results: _____

Guided Bend Test (6.23.5)

Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Organization: World Testing, Inc. 615-754-4147

Test No.: _____

Inspected by: _____ Date: _____

Radiographic Test Results (6.23.3.2)

Film ID No.	Result	Remarks	Film ID No.	Result	Remarks
N04584	Acceptable				

Organization: World Testing, Inc. 615-754-4147

Test No.: 21-0567

Interpreted by: Vernon O'Neal III Date: 10/22/2021 NDT Level III

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded and tested in conformance with the requirements of Clause 6 of AWS D1.1/D1.1M Structural Welding Code - Steel.

Manufacturer or Contractor: Industrial Door Contractors

Certified By: *Jan Schuster* Date: 10-26-21



Welder or Welding Operator Qualification Test Record (WPQR)

Welder's Name: McCord, Jacob Stamp: 0374 (IDC)
 Test WPS No.: IDC-FCA-1 Rev.: 2 WPQ No.: JMcCord_IDC-FCA-1_3G Date: 10/14/2021 Page 1

Type of joint welded: Plate Groove weld
 Joint type(s) qualified: All applicable groove, fillet, plug, and slot welds (except CJP T-, Y-, & K-connections)
 Base metal(s) welded: ASTM A 36 (<= 3/4 in. [20 mm]) to ASTM A 36 (<= 3/4 in. [20 mm])

Variables (Table 6.12)	Actual Values Used	Range Qualified
	FCAW / Semiautomatic	FCAW / Semiautomatic
Welding process / type:		
Base metal thickness - groove (in.):	1	1/8" to unlimited
Base metal thickness - fillet (in.):	N/A	1/8" to unlimited
Pipe diameter - groove (in.):	N/A	24" and over with backing, back gouging or both
Pipe diameter - fillet (in.):	N/A	All diameters.
Box tube size (in.):	N/A	All sizes with backing, back gouging or both
Dihedral angle - fillet:	N/A	30° to unlimited
Backing:	Backing used	With backing only
Filler metal classification:	E71T-1	
Filler metal specification:	5.20	
Filler metal F-No.:	N/A	N/A
Welding position - groove:	3G - Vertical	Flat, Horizontal, & Vertical
Welding position - fillet:	N/A	Flat, Horizontal, & Vertical
Weld progression:	Vertical up	Vertical up
Shielding gas:	100% CO2	
Welding current / polarity:	DCEP (reverse)	
Transfer mode (GMAW):	N/A	N/A
Single / multiple electrode:	N/A	N/A

Notes:
 Visual inspection acceptable: Yes Other test results:

Guided Bend Test (6.23.5)			
Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Organization: World Testing, Inc. 615-754-4147 Test No.: _____
 Inspected by: _____ Date: _____

Radiographic Test Results (6.23.3.2)					
Film ID No.	Result	Remarks	Film ID No.	Result	Remarks
N04572	Acceptable				

Organization: World Testing, Inc. 615-754-4147 Test No.: 21-0567
 Interpreted by: Vernon O'Neal III Date: 10/22/2021 NDT Level III

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded and tested in conformance with the requirements of Clause 6 of AWS D1.1/D1.1M Structural Welding Code - Steel.
 Manufacturer or Contractor: Industrial Door Contractors
 Certified By: Jacob McCord Date: 10-26-21



Industrial Door Contractors, Inc.
820 Mayberry Springs Road
Columbia, TN 38401

Welder or Welding Operator Qualification Test Record (WPQR)

Welder's Name: McCord, Jacob Stamp: 0374 (IDC)

Test WPS No.: IDC-GMA-1 Rev.: 1 WPQ No.: JMcCord_IDC-GMA-1_2021

Date: 11/17/2021 Page 1

Type of joint welded: Plate Groove weld

Joint type(s) qualified: All applicable groove, fillet, plug, and slot welds (except CJP T-, Y-, & K-connections)

Base metal(s) welded: ASTM A 36 (<= 3/4 in. [20 mm]) to ASTM A 36 (<= 3/4 in. [20 mm])

Variables (Table 6.12)	Actual Values Used	Range Qualified
	GMAW / Semiautomatic	GMAW / Semiautomatic
Welding process / type:	1	1/8" to unlimited
Base metal thickness - groove (in.):	N/A	1/8" to unlimited
Base metal thickness - fillet (in.):	N/A	24" and over with backing, back gouging or both
Pipe diameter - groove (in.):	N/A	All diameters.
Pipe diameter - fillet (in.):	N/A	All sizes with backing, back gouging or both
Box tube size (in.):	N/A	30° to unlimited
Dihedral angle - fillet:	N/A	With backing only
Backing:	Backing used	
Filler metal classification:	ER70S-6	
Filler metal specification:	5.18	
Filler metal F-No.:	N/A	N/A
Welding position - groove:	3G - Vertical	Flat, Horizontal, & Vertical
Welding position - fillet:	N/A	Flat, Horizontal, & Vertical
Weld progression:	Vertical up	Vertical up
Shielding gas:	75% ARGON, 25% CO2	
Welding current / polarity:	DCEP (reverse)	
Transfer mode (GMAW):	Spray arc	Spray or Globular arc
Single / multiple electrode:	N/A	N/A

Notes:

Visual inspection acceptable: Yes Other test results: _____

Guided Bend Test (6.23.5)

Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Organization: World Testing, Inc. 615-754-4147

Test No.: _____

Inspected by: _____

Date

Radiographic Test Results (6.23.3.2)

Film ID No.	Result	Remarks	Film ID No.	Result	Remarks
N04274	Acceptable				

Organization: World Testing, Inc. 615-754-4147

Test No.: 21-0643

Interpreted by: Blake Clemons

11/29/2021 NDT Level II

Date

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded and tested in conformance with the requirements of Clause 6 of AWS D1.1/D1.1M Structural Welding Code - Steel.

Manufacturer or Contractor: Industrial Door Contractors

Certified By: Jane Johnston

11-30-21
Date

1.0 Introduction/Brief Company Overview

Symtech specializes in live fire simulation technologies utilizing environmentally friendly propane. Our Live Fire Simulator Technology is fully compliant with the NFPA 1402 Standard on Facilities for Fire Training and Associated Props. In addition to our LPG-fueled live fire training systems, we offer a full complement of Class “A” training props including Flashover Trainers, Fire Behavior Labs, and Container Buildings. Our service team has the expertise to service both our installations, as well as competitive installations. We also provide annual NFPA 1402 inspections for Symtech or competitive equipment.



symtechfire.com

Commitment to Excellence...

1.1 Safety



Symtech is committed to the safety of system operators and trainees alike. Our systems are fully compliant with NFPA 1402, which became a standard (*rather than a guide*) beginning in 2019. Unlike older systems, our offerings are designed from the ground up with this new Standard in mind. We utilize the highest quality components available including pilot and main burners systems, valves, and electronics.

1.2 Realism

We are committed to delivering training realism with thermal output, flame sizes, flame variability, and smoke output that leads the fire training systems industry. Environmentally friendly propane and natural gas (*indoors only*) alleviate environmental concerns, while delivering consistent training fires at the push of a button.



1.3 Customization




Within the parameters of the NFPA 1402 Standard, Symtech provides our customers with the customization and flexibility options they desire. This is imperative to addressing unique challenges that vary from department to department and within SOP's domestically and abroad. We pride ourselves in delivering timely custom solutions on time and under budget.

1.4 Service

Service is an essential component in what we do as a company. It is not a profit center, but rather, it is a vital element in achieving our mission of enabling AHJ's to deliver life-saving training when it's needed most. We not only stock vital system components to ensure their availability on short notice, but we also offer turnkey service and maintenance.



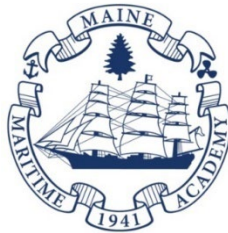
Why Select Symtech Fire?

- Symtech offers the only system ***designed from the ground up precisely to the new NFPA 1402 Standard*** on Facilities for Fire Training and Associated Props. We meet every aspect of the Standard without exception.
- ***Unparalleled Design, Engineering & Project Team*** with experience from all major industry players. There is no stronger personnel team in the industry!
- Continuous family experience in fire training systems ***dating back to 1979 (over 40 years!)... longer than any other supplier!***
- All products proudly ***100% Made in the USA*** 
- ***Unparalleled Interior/Structural Fire Simulator*** features list. Next generation extension options with our ST-PRO Platform.
- ***Experts in Value Engineering.*** We consistently delivery cutting-edge solutions to maximize your training value for your set budget.
- ***World-Class Outdoor & Industrial Props.*** Competitor A has pilot proving and Wireless controls, but only single stage (vapor OR liquid fires). Competitor B has two-stage vapor and liquid fires, but no pilot proving and Wireless is an expensive option. What if one company had it all? That's Symtech.
- ***Fully Integrated Sound Systems*** for increased realism. Developed for Bentonville Fire Department and FDNY for their newest live fire training simulators. Now standard on all installations!
- ***The Most Reliable Pilot and Burner System Money Can Buy.*** Maximize fire ground efficiency with our proven, reliable ionization method for pilot proving. Eliminate waiting / cool-down periods and maintenance associated with less reliable thermocouple and ultra-violet mini-peeper proving systems.
- ***Next Gen Wireless Controls.*** With "G-shock" detection, built-in e-stop and "deadman," and wireless recharging all standard
- Symtech was ***selected as the default supplier of Gas Fired Props to Fire Facilities, Inc.*** Symtech was selected based on a combination of technical features, cost effectiveness and system reliability. Symtech now boasts the only system signed and approved in writing for installation in Fire Facilities, Inc. Training Towers. This includes agreed and documented methodologies regarding penetration openings, thermocouple tie-ins, and more. This ensures a fully integrated, seamless solution.
- ***Low-Cost Service.*** Our service exists to maximize your value not ours! We pride ourselves in keeping service low-cost, reliable, and on-time.
- ***Major Customers and Academies are Selecting Symtech including FDNY, Dallas, Bentonville, Maine Maritime Academy, Sarasota County and many more!***



MAJOR CUSTOMERS AND ACADEMIES CONTINUE TO SELECT SYMTECH

BASED ON TECHNICAL MERITS, SYSTEM FEATURES,
SERVICEABILITY, AFFORDABLE MAINTENANCE, AND EXPERIENCE!



WAUKESHA
COUNTY TECHNICAL
COLLEGE



2.0 Price Proposal and Terms

Item	Description	Price
1	<p>Container Fire Training Tower ST-PRO</p> <p><u>3-Story Premium Container Fire Training Tower</u></p> <ul style="list-style-type: none"> ▪ (7) Modified 40-ft ISO Standard Height New/1-Way Containers ▪ Modular Bolt-Together Design ▪ Marine Grade Paint (choice of color) ▪ Heavy Duty Steel Framing System (for all openings) ▪ Steel Bar Grating Roof Working Deck ▪ Steel Roof Railings w/ Toe-Kicks ▪ Exterior Training Doors (lockable) ▪ Training Windows (Barn-door sliding style) w/ SS laddering plates where applicable ▪ Pitched Roof Prop ▪ Training Windows and Doors (TBD At review meeting) 4 windows per floor ▪ Interior stairs to all levels ▪ Scuttle hatch with stairs to top level ▪ SCBA Reconfigurable maze ▪ Rappelling Station ▪ FDC standpipe connection ▪ Forcible entry door ▪ High & low anchoring points <p><u>Logistics & Support</u></p> <ul style="list-style-type: none"> ▪ Design Drawings Package after award ▪ Foundation Plan ▪ Delivery to Evans, CO ▪ On-Site Setup/Assembly ▪ Handover/Walkthrough ▪ 2 day train the trainer course ▪ 1-Year Standard Warranty 	\$455,000
2	Foundation Work & Concrete Pad w/ 4-ft Apron	\$39,400
3	Optional: Add 4th story container (shown in Section 3.0)	\$56,000
4	Option: Add 4'x8' Wall Breach Prop	\$3,900
5	Option: Add 70,000 cfm Smoke Generation System, ea.	\$2,600
6	Option: Upgrade to Galvanized Bar Grating Roof Deck / Railings	\$14,200
7	Option: Add Catwalk and ladder to existing facility	\$19,390
8	Option: Add Centralized Smoke Distribution System	\$12,900

Terms & Conditions:

Price valid through 31 March 2024.

Symtech can deliver in approximately 7 to 8 months from award and layout drawing approval depending on options selected.

Payment Terms: 30% on Order, 20% on Completion of Design Drawings, 30% on Shipment, 20% on Completion. Net 10 days.

1-Year Industry Standard Warranty. Unlimited Technical Phone Support for the Life of the Product.

Subject to Symtech Standard Terms & Conditions.

Exclusions:

Soil Analysis, Geotechnical Reports, and Any Special Considerations for Local Unknown Conditions

PE Stamping

Electrical Service

Customer travel cost for pre-delivery inspection (if desired)

Climate Control and Ventilation (unless otherwise specified)

Cost of Any Local Approvals, Certifications, or Constructions Licenses

Payment/performance bond, taxes, duties, permits, and any misc. fees, if applicable.

Note: Foundation Plan to be furnished following final design

Schedule Estimate:

Activity	Duration	Notes
Design Drawings, Elevations, and 3D Models	8 weeks	
Container Fabrication	18 weeks	Includes all steel fab work
Mock Assembly Prior to Shipment	2 weeks	Completed off-site
On-Site Setup & Commissioning	3 weeks	
Training / Handover	2 Days	
Project Completion	30 Weeks, 2 Days	



3.0 Graphical Representation of Offer

3.1 Training Objectives

Training Objectives: System training capabilities include, but are not limited to:

- Flashover recognition and tactics for suppression
- Direct and indirect fire attack
- Interior fire attack
- Exterior fire attack
- Extension fire control
- Search and rescue in low or limited visibility environments
- Tactics and strategies
- Fire suppression techniques
- Class A/B/C/K fire types
- Flow path management
- Hydraulic ventilation
- Overhaul
- Scene assessment
- Situational awareness
- Other items as required



3.2 Container Simulator Approach

Symtech’s Containerized Simulator ST and ST-PRO designs deliver unparalleled ruggedness and durability. Our interior layouts provide varied scenarios and attack angles and do not resemble typical container interiors. Training units are expandable over time and they are relocatable. All openings are fully reinforced with our heavy duty steel framing system and include flashing for a clean finish. Premium features such as grated roof working decks, steel burn room floors, and our 2,300° F thermal lining system ensure your investment stands the test of time.

Live fire and non-burn units are available. Fires can be fueled by Class “A,” Propane, or Natural Gas. Our 70,000 cfm Smoke Generation System ensures maximum obscuration for search and rescue training. All training units are fully compliant with NFPA 1402 and OSHA guidelines. Standard and fully custom designs are available and an extensive options list is available upon request.

3.3 Expandable

Where possible, all of our designs are bolt-together making them both relocatable and expandable. This ensures ease of upgrades and additions should unforeseen future training needs arise.

3.4 Graphical Representations

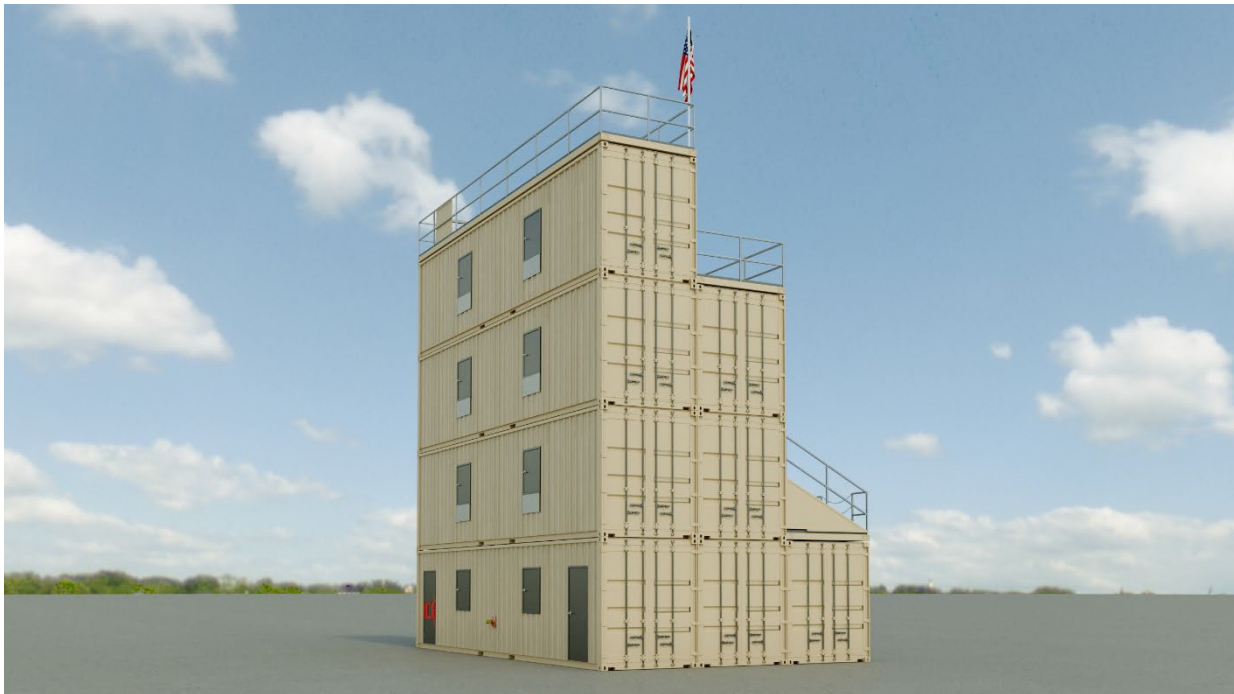
Our Graphical Representations enclosed are preliminary and do not include all items proposed. With a kickoff meeting with the Owner we will fine-tune and finalize before moving into the layout drawings phase and then the detailed design phase.

Graphical Representation (shown with optional 4th story)

Alpha view



Charlie view



Graphical Representation



Bravo view



Delta view

Symtech Proposes to delivery a custom open floorplan so that the interior does not feel like modified containers. On the pages the follows is an example:

4.0 Experience & Qualifications

Symtech personnel has experience in more than 300 Fire Training Facility Projects, including management of more than \$140M worth of projects. Our team has completed projects in more than 35 Countries including on the Continents of North America, South America, Europe, Africa, Australia and Asia. Symtech has been selected by the following major departments/organizations for the design, supply, installation, and maintenance of their fire training equipment:

- Fire Department of New York (FDNY)
- Bentonville Fire Department, AR
- Maine Maritime Academy
- Barnstable County Fire Academy, MA
- Gloucester County Fire Academy, NJ
- Jasper County Fire Department, TX
- Maine Fire Service Training Institute
- Bristol Fire Department, RI
- Terre Haute Fire Department, IN
- White House Community Fire Department, TN
- Hialeah Fire Department, FL
- Hall County Fire & Rescue, GA
- Caldwell Community College, NC
- Greenville School District, SC
- Austin Community College, TX
- Waukesha Technical College, WI
- Dallas Fire Department, TX
- Fort Morgan Fire Department, CO
- Sarasota County Fire Academy, FL
- Fairview Fire Department, TN
- Hanoi Fire Fighting College, Vietnam
- Ocean County Fire Academy, NJ
- Maryville Fire Department, TN
- Findlay Fire Department, OH

SIMPLY PUT, THERE HAS NEVER BEEN A STRONGER PERSONNEL TEAM ASSEMBLED IN THE FIRE TRAINING SYSTEMS INDUSTRY!

Our personnel has extensive experience in fire training system design, manufacturing, installation, service and maintenance. Unlike competitors who outsource programming, Symtech has a systems programmer on staff. We also employ a lead Flame Control Panel (FCP) Electrical Fabricator.

Multiple Symtech personnel, including Jon Hanson and Byron Charbonneau, have participated in and/or remain active in the NFPA Committee on Fire Service Training.



Symtech personnel has worked in prior capacities conducting 3rd-party inspections of all major industry competitors. This lends a unique view into code compliance, compliance misses, and best practices. Our team holds a variety of Bachelor and Master’s degrees in Management, Mechanical Engineering, Electrical Engineering, Construction and Project Management. Lastly, we have extensive firefighting experience in the US, Canada, and New Zealand. Every system design must pass our own rigorous standards for training value, realism, and durability prior to even being presented to an Owner/End-User.

Customer Highlight: Findlay Fire Department, OH

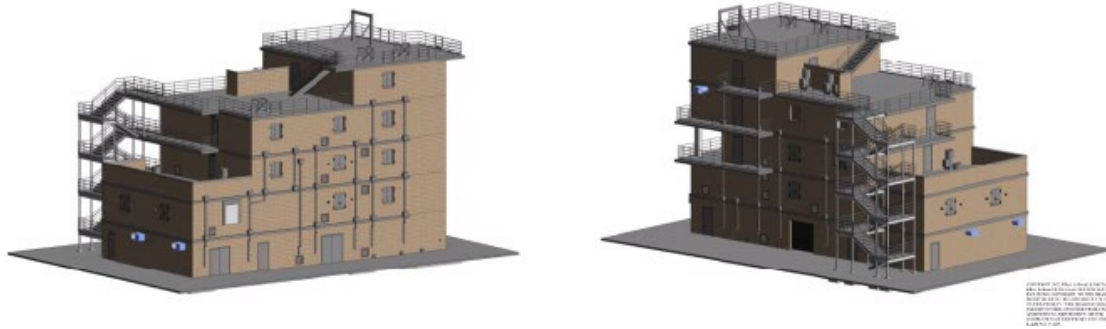
Findlay Fire Department ("Flag City USA") Selects Symtech!

- 3-Story Container Fire Simulator
- 4-Story Elevator Shaft w/ Mock Elevator Doors
- State-of-the-Art Facility with Multiple Class "A" Burn Rooms and Advanced Features, Including:
 - (3) Class "A" Burn Rooms
 - 2,300° F (1,260° C) Thermal Lining System
 - (2) Real-Vent™ Pitched Roof Props
 - Wall Breach Panel
 - Forcible Entry Door
 - Varied Angle Rebar Cutting Prop
 - Standpipe System w/ FDC
 - Multi-Use Rappell Station
 - Multiple 10,000 lb. D-Rings for Bailout Drills



Sarasota County Selects Symtech for the Largest Gas Prop Building Project Ever Constructed!

- 30-Acre State-of-the-Art Fire & EMS Facility
- Master Plan Includes More Gas-Fueled Fires in a Single Burn Building than Any Facility Previously Built!
- State-of-the-Art Facility with Multiple Gas Fueled Fire Scenarios and Advanced Features, Including:
 - Tower and Strip Mall Burn Buildings
 - Up to (33) Gas-Fueled Interior Fires
 - Window and Balcony Fires for Scene Assessment
 - Mobile SUV, LPG Tank, and Dumpster Props
 - 1,600 sq. ft. Fuel Spill
 - 70,000 cfm Smoke Machines
 - Sound Generation System
 - Symtech Continuity Protect for 10 Years®



Customer Highlight: Fire Department of New York (FDNY)

FDNY (the largest Fire Department in the United States – a 35-Year Prop User) Selects Symtech!

- Pre-Engineering Container Training Simulator Facility
 - Window Bailout Prop
 - Confined Space Hatches
 - Standpipe System w/ FDC
 - Basement Staircase
 - Forcible Entry System

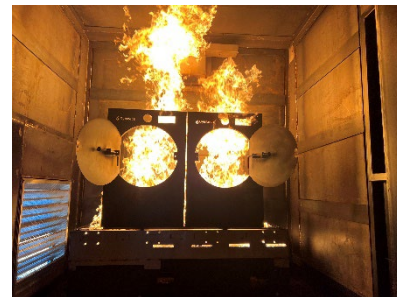
- State-of-the-Art Facility with Multiple Gas Fueled Fire Scenarios and Advanced Features, Including:
 - 2,300° F (1,260° C) Thermal Lining System
 - Stove Fire
 - Overhead Cabinet Extension Fire
 - Bed Fire
 - Boiler Heater Fire
 - Clothes Dryer Fire
 - Ceiling Rollover
 - 70,000 cfm Smoke Machines
 - Fully Integrated Sound System



Boiler Heater Fire



Bed Fire



Clothes Dryer Fire

Customer Highlight: Fairview Fire Department, TN

Fairview Fire Department Selects Symtech!

- 3-Story Container Fire Simulator
- State-of-the-Art Facility with Combination Class “A” / Fire Behavior Burn and Advanced Features, Including:
 - Class “A” Burn Room w/ both Fire Suppression & Fire Behavior Training Capabilities
 - 2,300° F Thermal Lining System
 - Pitched Roof Prop w/ Chop-out
 - Swinging Walls
 - Multi-Use Rappel Station



“I wanted to thank you for helping facilitate such a smooth process. This project has taken several years of planning and budgeting to come to fruition. I believe this live fire training structure has moved our department ahead an immeasurable number of years regarding the quality and quantity of training we can do without leaving the City. Your onsite crew truly have customer satisfaction as their top priority. I look forward to the On-scene training component and your willingness to go an extra step is greatly appreciated. If Fairview can assist in providing access to our training structure for potential customers, please send them our way. I have nothing but positives to share about this project, thank you again.”

Scott Hughes
Fire Chief
City of Fairview Fire Department, TN

Customer Highlight: Bentonville Fire Department, AR

Bentonville (home to the world's largest retailer – Walmart) Selects Symtech!

- Pre-Engineering Training Simulator Facility by Fire Facilities and Symtech Fire
- State-of-the-Art Facility with Multiple Gas Fueled Fire Scenarios and Advanced Features, Including:
 - 2,300° F (1,260° C) Thermal Lining System
 - Stove Fire
 - Overhead Cabinet Extension Fire
 - Bed Fire
 - Garage Vehicle Fire
 - BBQ Balcony Fire
 - (2) Hallway Ceiling Rollovers
 - 70,000 cfm Smoke Machines
 - Fully Integrated Sound System



Stove Fire



Hallway Rollover

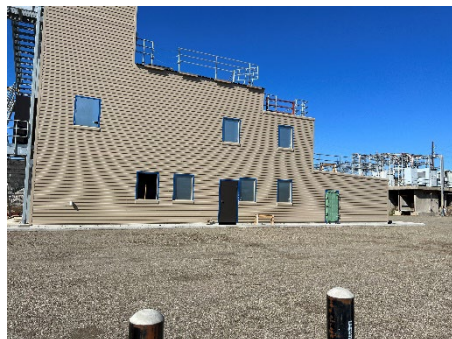
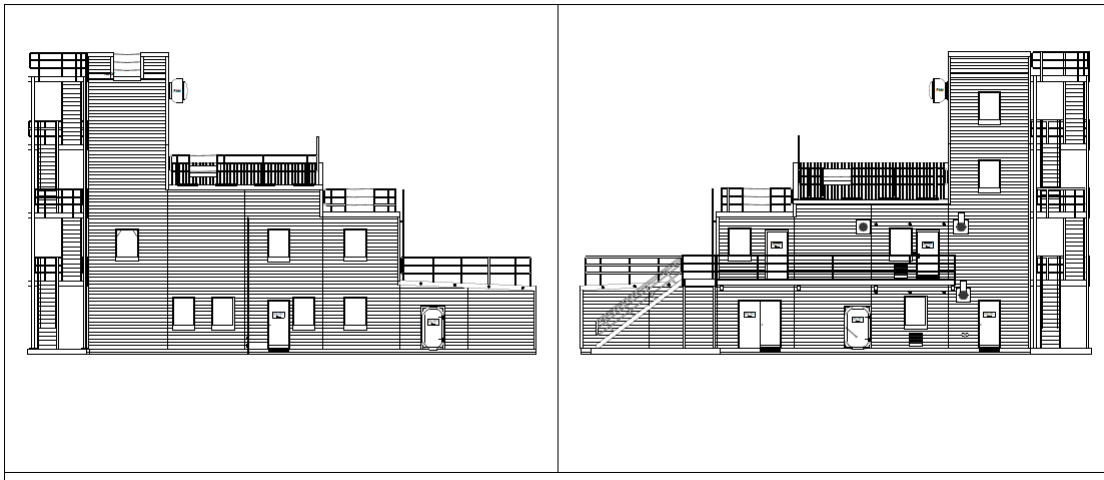
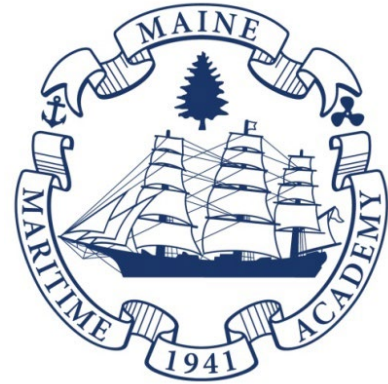


Vehicle Fire

Customer Highlight: Maine Maritime Academy (MMA)

Maine Maritime Academy (a US-Based Maritime Training College) Selects Symtech!

- Pre-Engineering Metal Building with Ship Theming
- 2-Story Engine Room
- State-of-the-Art Facility with Multiple Gas Fueled Fire Scenarios and Advanced Features, Including:
 - 2,300° F (1,260° C) Thermal Lining System
 - Marine Engine Fire
 - Overhead Flange Extension Fire
 - Galley Fire
 - Grease “Flare-up” Fire
 - State Room Fire
 - Ceiling Rollover
 - 70,000 cfm Smoke Machines



Customer Highlight: Jasper County Emergency Services District, TX

Jasper County Selects Symtech!

- Outdoor & Industrial Fire Training Simulators for a new County Fire Training Facility
- Multiple Outdoor & Industrial Gas Fueled Fire Scenarios, Including:
 - Fuel Spill / Flammable Liquid Fire
 - 250-Gallon Pressure Vessel Fire w/ the following fires:
 - Impingement Fire
 - Relief Fire
 - SUV/Vehicle Fire Simulator ST w/ the following fires:
 - Engine Fire
 - Passenger Fire
 - Trunk Fire
 - Ground/Spill Fire



5.0 Company History

Symtech was founded in by Pete Romero, expert Systems Engineer, and Jon Hanson, son of industry pioneer Jim Hanson. Jim has been widely recognized for his contributions to the industry as one of the original pioneers of the first gas-fueled training systems in the 1970’s for the United States Navy. Next, Jim brought gas-fueled technology to the municipal market in 1987 and the FAA market in 1992. He also conceptualized the first Mobile Structural and Mobile ARFF Simulators.

“Jim’s passion and energy were instrumental in the creation and development of the Live Fire Training market and through this, an untold number of firefighters and potential victims have benefited.”

– Bob Downin, President (Ret.) Kidde/UTC

Symtech was founded by a vision and by necessity. Large fire training equipment suppliers have converted Service into a major profit center with spare parts at 100% (or greater) mark-up, all while convincing customers they are stuck with the OEM, and with that, increasingly exorbitant service contract costs that are leading to a troubling number of system tear-outs.

“Symtech’s vision is to deliver maximum training value on time and on budget, while restoring a FIRE SERVICE FIRST mentality. We design, manufacture, install and service systems that push the limits of trainer realism while maintaining the highest safety standards available. Our service exists to benefit our customers – not to maximize profits.”

Symtech utilizes two modified container fabrication partners that have more than 15 years experience each in building modified container fixed and mobile fire training units.



Symtech was contracted for several large Interior/Structural Fire Simulator design and installation projects. Notably, in competition with all major Fire Training Systems competitors, after careful research and highly detailed interviews, the FDNY (Fire Department of New York) – *a 35-year fire training systems user* – selected Symtech to supply their newest Fire Simulator Building! The includes a modified container structure with multiple burn rooms, thermal protection, and training props.

was unanimous and was driven primarily by the of Symtech’s offering. Symtech’s project intake over year (YOY) in the just the first quarter of project awards including Bentonville Fire State-of-the-Art Training Facility that includes fires, rollover, fire extension, sound generation, engineering including a 3-in-1 indoor/outdoor for the price of a single burn room equipment set.



Bentonville Training Tower

FDNY’s selection technical merits doubled year 2022 with major Department’s multiple main and value-garage scenario

Symtech will be completing at least sixteen (24) major installations between Nov 2023 and May 2024. We have the operational bandwidth to take on 3x more projects than currently booked.

5.1 Research & Development (R&D)

Symtech training simulators are designed from the ground up to the latest NFPA 1402 Standard (2019 edition). Our designs meet or exceed every aspect of the standard and are based on vast personnel experience exceeding 200 years combined! We have a unique partnership with On-Scene Training, LLC who has instructors in over 35 US States. We discuss current and expected future training challenges with On-Scene personnel regularly and resource unmet training needs with our high performing technical team. We are happy to review our innovation pipeline in a confidential setting.

Our staff has an unmatched combination of systems engineering, project development, geographic, and firefighting experience. That, combined with our company mission to serve the fire service, will propel Symtech into the leadership position within the fire systems industry.

Symtech has no outside investors and is wholly-owned by its founders. We invest over 10% into R&D (*most companies invest 1 to 2%*) and will continue this entrepreneurial approach indefinitely. See our value-added section for some recent new products derived from our intensive R&D process.

5.2 Markets Served

Symtech’s business is heavily focused on the Municipal Fire Fighting and Department of Defense (DoD) markets. We also service Maritime, Civil Aviation, Colleges and Institutions and Industrial Fire Fighting customers.

Our Product Lines & Services include:

- Structural
- Mobile Structural
- Outdoor/Industrial
- Hose Line Trainer
- Vehicle Simulator
- Hazmat
- Aircraft
- Mobile Aircraft
- Container Simulators
- Class “A”
- Fire Behavior
- Needs Assessments
- Design/Facility Interface Services
- Service/Maintenance
- Upgrades



6.0 Key Staff & Personnel

Symtech’s personnel and resources are divided into the following major functional areas:

- Engineering/R&D
- Project Management
- Operations
- Sales
- Marketing
- Field Services
- Customer Service
- Distribution

The following summarizes our key staff and personnel:



Jon Hanson
Managing Director



Pete Romero
Director, Engineering



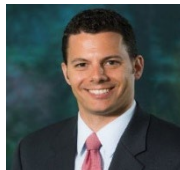
Chief (Ret.) Ross Riddell
Field Const. Manager



Linda Feng
Customer Svc. Manager



Byron Charbonneau
Mechanical Engineer



Lucas Sanz
Mechanical Engineer



Vercelis Samaniego
Project Engineer



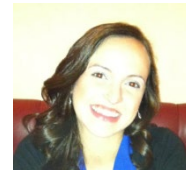
Bart Simpson
Field Service Tech



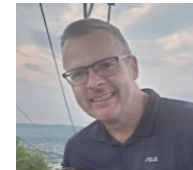
Chief (Ret.) Jim Nilo
Training/Commissioning Mgr.



Greg Pascolla
Field Installation



Maria Oubina
Marketing/Office Mgr.



Paul Ellis
Project Development

Symtech does not employ an Architect or have an Architect of record, as this is not required for any of our projects. It is understood that site work, including the burn building/simulator foundation(s), will be by others. The design/build team working on our adjacent fire training facility will be coordinating with the burn building simulator team for foundation design and site requirements. Symtech’s responsibility would be manufacturing and erecting the burn building, as is typical in our projects.

Training facilities are typically considered non-occupied structures exempting them from any local or uniform building codes. They still need to meet OSHA and all NFPA requirements.

7.0 Product Range

Symtech’s product range is extensive. It includes the following broad training simulator categories: Fixed and Mobile Structural, Vehicle Fires, Hoseline Trainer, Outdoor & Industrial, Containerized, Fire Behavior, Class “A”, Hazmat, and Fixed and Mobile ARFF.

Symtech continues to advance the training simulator industry with unique, forward-thinking designs that are quickly upending the training systems industry. Recent examples include:

- SUV Fire Simulator
- ST-PRO Vehicle Trainer
- Strip Mall Fire Simulator
- Advanced Fire Behavior Simulator ST-7



Structural



Mobile Structural / Maze



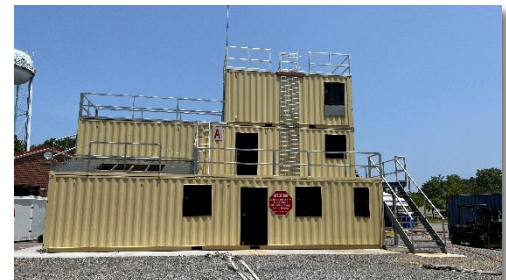
Vehicle Fires



Hoseline Trainer



Outdoor & Industrial



Containerized



Fire Behavior



Hazmat



Aircraft Rescue

8.0 Scope of Work (SOW)

Installation Responsibility Matrix
Containerized Fire Simulator ST/ST-PRO

Equipment Installation Prerequisites

All general site work such as clearing, grading, and footings and/or contract pads must be complete prior to shipment and assembly of the training simulator on site. The actual start date of installation is contingent on the site being ready for installation of the live fire simulator facility. Symtech cannot install the facility in parallel with other trade labor activities.

Responsibility Matrix

Item	Equipment / Description	Symtech	GC or Owner
1	Container Building Design	X	
2	Container Building Fabrication	X	
3	On-site Rigging/Construction of the burn building/tower	X	
4	Thermal insulation / liner for burn rooms	X	
5	Foundation Design Plan	X	
6	Container Footings (pilings or piers) / Trenching / Concrete Pads (as required)		X
7	Soil Analysis/Seismic Study/Pile Sizing to Local Building Code compliance – Civil Engineering		X
8	Shipping of container building to site	X	
9	Offloading of fire simulator from delivery truck	X	
10	Provide operator and maintenance manual to the Owner	X	
11	Provide an operation and maintenance training course/TTT for up to twelve students designated by the owner.	X	
12	Warrant the system to be free from defects in material and workmanship for a period of one (1) year after installation.	X	
13	Obtain any required permits and inspections (treated as non-occupied structure)		X



8.1 Quality / Quality Assurance

Symtech utilizes a Quality Management System (QMS). This is a formalized system that documents processes, procedures, and responsibilities for achieving quality policies and objectives. This helps coordinate and direct Symtech’s activities to meet customer and project requirements. We also believe in continuous improve, that is, improving effectiveness and efficiency on a continual basis.

Our QMS Goals are as follows:

- Meeting the customer’s requirements, which helps to instill confidence in Symtech, in turn leading to more customers, more sales, and more repeat business
- Meeting the organization’s requirements, which ensures compliance with regulations and provision of products and services in the most cost- and resource-efficient manner, creating room for expansion, growth, and profit
- These benefits offer additional advantages, including:
 - Defining, improving, and controlling processes
 - Reducing waste
 - Preventing mistakes
 - Lowering costs
 - Facilitating and identifying training opportunities
 - Engaging staff
 - Setting organization-wide direction
 - Communicating a readiness to produce consistent results

Our QMS Includes:

- Symtech’s quality policy and quality objectives
- Procedures, instructions, and records
- Data management
- Internal processes
- Customer satisfaction from product quality
- Improvement opportunities
- Quality analysis

All aspects of our QMS have a direct impact on project execution.

We utilize **Net Promoter Score (NPS)** to survey our customers once per year. This feedback is carefully analyzed and actions are categorized, noted, and executed upon.



9.2 Engineering Documentation Submittals

Symtech will complete and submit the following documents (as applicable) during project execution:

- | | |
|-----------------------------------|-----------------------------------|
| ▪ Installation Drawings | ▪ Acceptance Test Procedure (ATP) |
| ▪ Product Data | ▪ Acceptance Test Log |
| ▪ Shop Drawings | ▪ Training Course Outline |
| ▪ Operation & Maintenance Manuals | ▪ Training Course Material |

9.0 Safety Record

Symtech has a flawless safety record. There are zero systems related safety issues or occurrences in our company history. Nearly all other major fire training systems manufacturers have had systems related safety incidents. Symtech personnel has never been involved in a systems related (or non-related) safety incident of any kind at while consulting or employed at a prior fire training systems company.

9.1 NFPA Membership & Code Enforcement

Jon Hanson, Principal / Director of Business Development, is a member of the National Fire Protection Association (NFPA). He participated in the development of the new NFPA 1402 Standard on Facilities for Fire Training and Associated Props. “NFPA 1402 provides guidance for the planning of fire service training centers, focusing on the main components necessary to accomplish general fire fighter training effectively, efficiently, and safely” (nfpa.org). The last revision was published February 2019.

In 2019, the new NFPA standard was released. Previously, NFPA 1402 was a Guide. Standards spell out what kind of system and how it must work. Unlike a Guide, the main text of a Standard contains only mandatory provisions using the word “shall” to indicate requirements. Symtech product designs precisely follow the standard.

Pete Romero, Principal / Director of Projects & Engineering, has previously worked at CSA Group as a Special Inspections Representative conducting detailed engineering analysis on unlisted/uncertified industrial equipment. For over 100 years, CSA Group has helped make the world safer and more sustainable through testing inspection, certification, and development of product standards.

Because of his extensive technical expertise of nearly 20 years and in-depth knowledge of applicable standards, he has inspected and written detailed reports for Live Fire Training equipment and installations from all major industry competitors.

This breath of experience directly contributed to the development of the most compliant and safest system platform available.



10.0 Safety Certification

All Symtech Live Fire Simulators are fully compliant with NFPA 1402, Standard on Facilities for Fire Training and Associated Props. Delivered systems are certified on-site by an OSHA-recognized Nationally Recognized Testing Laboratory (NRTL). NFPA 1402 requires that Gas-fueled live fire training systems be listed or labeled by a third-party NRTL to ensure compliance with the requirements of the standard.

A full listing of OSHA-approved NRTL's can be found at <https://www.osha.gov/dts/otpc/nrtl/nrtllist.html>.

A list of NRTL's that are no longer recognized can be found at <https://www.osha.gov/dts/otpc/nrtl/recgterm.html>.

There is a difference between labelled and listed.

Labeled – Equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization that is acceptable to the authority having jurisdiction and concerned with product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

Listed – Equipment, materials, or services included in a list published by an organization that is acceptable to the authority having jurisdiction and concerned with evaluation of products or services, that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service meets appropriate designated standards or has been tested and found suitable for a specified purpose.

10.1 Certification Objectives

- a) That the general construction and assembly of the equipment is in accordance with applicable standards and reasonable concepts of safety, substantiality, and durability.
- b) That the general construction and assembly of the equipment is designed with the consideration of the operating environment, that bolts and other fasteners are provided with the required rigidity, and that exposed edges which might be brought in contact with hands during usage or service are smooth.
- c) That the materials used in the construction and assembly of the equipment are suitable for the temperatures to which they will be exposed to.
- d) That all parts of the equipment are secured against displacement, distortion, warping, vibration, or other damage and are supported to maintain a fixed relationship between essential parts, and that such parts are designed so they cannot be incorrectly assembled or aligned when removed for necessary service and/or maintenance.
- e) That the necessary operating and safety controls required by applicable portions of the codes and standards indicated are incorporated in the default configuration of the system.

f) That all purchased components used in the make up the system are listed and/or are selected for the intended application, type, and pressure of the fuel gases to be used and the temperatures to which they are subjected.

g) That redundant protection is provided for all safety critical control functions.

h) That the facility housing the gas utilization equipment is provided with the necessary environmental monitoring systems for assuring the environment is in the intended state for operation of the equipment.

i) That when gas is expelled from all pilot and/or main burners it effectively ignites in an acceptable time frame under all permitted fuel delivery pressures.

j) That flames from all pilot and main burners effectively ignites and fully propagates over all gas ports over the entire length of the burner.


k) That all ignition sources effectively ignite the main burner gas in an acceptable time frame when the ignition source is at the control system detected minimum.

k) That all safety devices are selected, applied, and installed in accordance with this standard and the manufacturer’s instructions.

The gas utilization system manufactured and assembled by Symtech Fire is compliant with applicable portions of the following nationally recognized codes and standards, as well as with sound engineering and industry accepted practices for fuel utilization equipment.

- NFPA 1402 – Standard on Facilities for Fire Training and Associated Props
- NFPA 54 – National Fuel Gas Code
- NFPA 58 – Liquefied Petroleum Gas Code
- NFPA 70 – National Electrical Code
- NFPA 86 – Standards for Ovens and Furnaces
- UL508A – Industrial Control Panels Standard for Safety

PROJECT INFORMATION REPORT
Date Issued: 03/08/2017

 **Special Inspection /
Field Evaluation Report
Fuel Burning Appliances**

Issued by: Symtech Fire LLC
400 New York Building Heights, NJ 07922

Project Name: 03/08/2017
New York Building Heights

Address: 400 New York Building
New York Building Heights, NJ 07922

Inspection Location: 3 River Road, Easton, NJ 08821

CONTRACT
Project: 03/08/2017
Job #: 03/08/2017
Job #: 03/08/2017

SCOPE
Inspection of Fuel Burning Appliances and Electrical Systems for safety use only.

REFERENCE STANDARDS
NFPA 86 – Standards for Ovens and Furnaces
The CSA code, applied by the CSA Self-Inspection, and Inspection. All equipment shall be installed and inspected in accordance with the applicable code. The scope of this report is in accordance with the Special Inspection Report Evaluation – Fuel Burning Appliances (L-4000).

CSA Label Number	Unit Model Name / Manufacturer	Model Number	Serial Number
000	Swanwick Fire	01-200	0001

Field	Project	Minimum Input Rating	25,000,000 BTU/h
Max. Natural Gas Pressure	05 psig	Electrical Input Rating	200 kW (Phase 1/2/3)
Max. Liquefied Gas Pressure	30 psig	Electrical Input Rating	25 kW (Phase 1/2/3)
Supply Gas Pressure	30 psig		

This report shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Symtech Fire LLC.

Evaluation made under this Special Inspection/Field Evaluation Report shall not be considered as the opinion of the Contractor.

CSA GROUP INC. 03/08/2017 © 2017 CSA Group. All Rights Reserved.

Field Evaluation Report

11.0 End-User Training / Train-the-Trainer

NFPA 1402 now requires the inclusion of operation and maintenance (O&M) training in with all fire training equipment. Accordingly, Symtech includes operation and maintenance training with all live simulator equipment sales. Training must include the following:

- Visual Inspections
- Operation
- Maintenance
- Shutdown

Symtech provides detailed operation and maintenance training manuals with every purchase. This includes hard copies and a digital version. Per NFPA 1402, manuals include schematics, start-up procedures, shutdown procedures, emergency procedures, and maintenance procedures.

Understanding department needs and turnover, we also offer re-fresher training programs for existing customers. We aim to ensure your department is fully self-sufficient in operation and maintenance of your training system. We also offer comprehensive service and maintenance programs.

Our goal is to ensure world-class service and an exceptional experience from start to finish and throughout the life of your training equipment!

For Advanced Train-the-Trainer Programs and Fire Behavior courses, Symtech partners with On-Scene Training who delivers world-class instructor development from Certified Fire Instructors.



12.0 Warranty

All products sold typically include an industry standard limited one-year warranty. Extended warranties are available. Below is Symtech's standard warranty description.

1-YEAR STANDARD WARRANTY

The essential purpose of any sale or contract for sale of any of the products listed in the SYMTECH catalog, price list, bid, or proposal is the furnishing of that product. It is expressly understood that in furnishing said product, SYMTECH does not agree to insure the Purchaser against any losses the Purchaser may incur, even if resulting from the malfunction of said product.

SYMTECH warrants that the equipment herein shall conform to said descriptions as to all affirmation of fact and shall be free from defects of manufacture, labeling and packaging for a period of one (1) year from the delivery date to the original purchaser, provided that product photos, detailed information, maintenance record, and the physical training unit(s) is made available to SYMTECH for inspection. Upon a determination by SYMTECH that a product is not as warranted, SYMTECH shall, at its exclusive option, replace or repair said defective product or parts thereof at its own expense except that Purchaser shall pay all shipping, insurance and similar charges incurred in connection with the replacement of the defective product or parts thereof. Wherever possible, Symtech incorporates thermal insulation, heat shields, and/or expansion joints in its live fire training products. Some planned deformation is expected over time and is explicitly excluded from this Warranty. This Warranty is void in the case of abuse, misuse, abnormal usage, faulty installation or repair by unauthorized persons, or if for any other reason SYMTECH determines that said product is not operating properly as a result of causes other than defective manufacture, labeling or packaging.

The Aforesaid Warranty Is Expressly Made In Lieu Of Any Other Warranties, Expressed Or Implied, It Being Understood That All Such Other Warranties, Expressed Or Implied, Including The Warranties Of Merchantability And Fitness For Particular Purpose Are Hereby Expressly Excluded. In No Event Shall Symtech Be Liable To Purchaser For Any Direct, Collateral, Incidental Or Consequential Damages In Connection With Purchaser's Use Of Any Of The Products Listed Herein, Or For Any Other Cause Whatsoever Relating To The Said Products. Neither Symtech Nor Its Representatives Shall Be Liable To The Purchaser Or Anyone Else For Any Liability, Claim, Loss, Damage Or Expense Of Any Kind, Or Direct Collateral, Incidental Or Consequential Damages Relative To Or Arising From Or Caused Directly Or Indirectly By Said Products Or The Use Thereof Or Any Deficiency, Defect Or Inadequacy Of The Said Products. It Is Expressly Agreed That Purchaser's Exclusive Remedy For Any Cause Of Action Relating To The Purchase And/or Use Of Any Of The Products Listed Herein From Symtech Shall Be For Damages, And Symtech's Liability For Any And All Losses Or Damages Resulting From Any Cause Whatsoever, Including Negligence, Or Other Fault, Shall In No Event Exceed The Purchase Price Of The Product In Respect To Which The Claim Is Made, Or At The Election Of Symtech, The Restoration Or Replacement Or Repair Of Such Product.

13.0 References

Symtech personnel has experience in more than 300 Fire Training Facility Projects, including management of more than \$140M worth of projects. Our team has completed projects in more than 35 Countries including on the Continents of North America, South America, Europe, Africa, Australia and Asia.

Below are our recent customers to select Symtech for fire training facility projects:



Fire Department of New York (FDNY)



Bentonville Fire Department, AR



Fairview Fire Department, TN



Findlay Fire Department, OH

REFERENCE FORM

STRUCTURAL FIRE TRAINER REFERENCE FORM

Department name: Fire Department of New York (FDNY)	
Address: 1200 Rossville Ave, Staten Island, NY 10309	
Contact name: Thomas Cappelli, Captain	Contact phone #: 718-490-7032
Model name/number: Structural Fire Simulator ST-PRO	Award Date: August 16, 2022
Contract value: \$471,740	Completion Date: March 29, 2023
Type of equipment: Interior Fires, Modified Container, Sound System	Number of trainers: (2) Main Fires, (1) Ext Fire, (1) Rollover, (3) Interchangeable Props

List all trainers installed including options:

Trainer #1 Kitchen Stove Prop	Trainer #2 Kitchen Cabinet Ext.	Trainer #3 Ceiling Rollover	Trainer #4 Bed Prop (interchang.)	Trainer #5 Boiler/Water Heater (interchang.)
Trainer #6 Clothes Dryer (interchang.)	Trainer #7	Trainer #8	Trainer #9	Trainer #10

<p><u>Fuel Type Used:</u> (Circle all applicable):</p> <p> <input checked="" type="checkbox"/> Propane <input type="checkbox"/> Natural Gas <input type="checkbox"/> Class "A" <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Vapor </p>	<p><u>Safety Systems Included</u> (circle all applicable):</p> <p><u>Integral Ventilation Fan:</u> <input checked="" type="checkbox"/> Variable Speed <input type="checkbox"/> Single Speed</p> <p><u>Temperature Monitoring:</u> <input checked="" type="checkbox"/> Multiple Per Room <input type="checkbox"/> 1 Per Room <input type="checkbox"/> None</p> <p><u>Gas Detection:</u> <input checked="" type="checkbox"/> Draw-Sample <input type="checkbox"/> Static <input type="checkbox"/> None</p>
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REFERENCE FORM

STRUCTURAL FIRE TRAINER REFERENCE FORM

Department name: Fairview Fire Department, TN	
Address: 7131 Bowie Lake Road, Fairview, TN 37062	
Contact name: Scott Hughes, Fire Chief	Contact phone #: 615-430-8109
Model name/number: Container Fire Simulator ST	Award Date: November 29, 2022
Contract value:	Completion Date: April 17, 2023
Type of equipment: 3-Story Modified Container Structure, Class "A"/Fire Behavior	Number of trainers: (1) Burn Room

List all trainers installed including options:

Trainer #1 Class "A" / Fire Behavior	Trainer #2	Trainer #3	Trainer #4	Trainer #5
Trainer #6	Trainer #7	Trainer #8	Trainer #9	Trainer #10

<p><u>Fuel Type Used:</u> (Circle all applicable):</p> <p>Propane Natural Gas Class "A"</p> <p>Liquid Vapor</p>	<p><u>Safety Systems Included</u> (circle all applicable):</p> <p><u>Integral Ventilation Fan:</u></p> <p>Variable Speed Single Speed</p> <p><u>Temperature Monitoring:</u></p> <p>Multiple Per Room 1 Per Room None</p> <p><u>Gas Detection:</u></p> <p>Draw-Sample Static None</p>
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REFERENCE FORM

STRUCTURAL FIRE TRAINER REFERENCE FORM

Department name: Bentonville Fire Department, AR	
Address: 211 SW A St., Bentonville, AR 72712	
Contact name: Justin Scantlin, Battalion Chief	Contact phone #: 479-685-1096
Model name/number: Structural Fire Simulator ST-PRO	Award Date: January 7, 2022 – Phase I April 6, 2023 – Phase II
Contract value: \$568,697.02	Completion Date: February 21, 2023 – Phase I April 29, 2023 – Phase II
Type of equipment: Interior Fires, Central Smoke System, Car Prop, Sound System	Number of trainers: (3) Main Fires, (1) Ext. Fire, (2) Hallway Rollover2, (1) Balcony/Grill Fire

List all trainers installed including options:

Trainer #1 Kitchen Stove Prop	Trainer #2 Kitchen Cabinet Ext.	Trainer #3 Queen Bed Prop	Trainer #4 Garage Car Prop	Trainer #5 Garage Industrial Rack Prop
Trainer #6 Hallway Rollover	Trainer #7 Balcony BBQ Grill Prop	Trainer #8 Fuel Spill Prop	Trainer #9	Trainer #10

<p><u>Fuel Type Used:</u> (Circle all applicable):</p> <p> <input checked="" type="checkbox"/> Propane <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Class "A" <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Vapor </p>	<p><u>Safety Systems Included</u> (circle all applicable):</p> <p><u>Integral Ventilation Fan:</u> <input checked="" type="checkbox"/> Variable Speed <input type="checkbox"/> Single Speed</p> <p><u>Temperature Monitoring:</u> <input checked="" type="checkbox"/> Multiple Per Room <input type="checkbox"/> 1 Per Room <input type="checkbox"/> None</p> <p><u>Gas Detection:</u> <input checked="" type="checkbox"/> Draw-Sample <input type="checkbox"/> Static <input type="checkbox"/> None</p>
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REFERENCE FORM

STRUCTURAL FIRE TRAINER REFERENCE FORM

Department name: Maine Maritime Academy, ME	
Address: 24 Mariner Way, Bucksport, ME 04416	
Contact name: Myles Block, Director of Training	Contact phone #: 207-326-2146
Model name/number: Structural Fire Simulator ST-PRO	Award Date: March 31, 2021
Contract value: \$319,100	Completion Date: May 15, 2023 <i>(in-process - awaiting building completion)</i>
Type of equipment: Interior Fires	Number of trainers: (3) Main Fires, (2) Ext. Fire, (1) Rollover

List all trainers installed including options:

Trainer #1 Maritime Engine Prop	Trainer #2 Flange Fire Extension	Trainer #3 Kitchen/Galley Prop	Trainer #4 Kitchen Grease Fire Extension	Trainer #5 State Room Sofa Prop
Trainer #6 Ceiling Rollover	Trainer #7	Trainer #8	Trainer #9	Trainer #10

<p><u>Fuel Type Used:</u> (Circle all applicable):</p> <p> <input checked="" type="radio"/> Propane <input type="radio"/> Natural Gas <input checked="" type="radio"/> Class "A" <input type="radio"/> Liquid <input checked="" type="radio"/> Vapor </p>	<p><u>Safety Systems Included</u> (circle all applicable):</p> <p><u>Integral Ventilation Fan:</u> <input checked="" type="radio"/> Variable Speed <input type="radio"/> Single Speed</p> <p><u>Temperature Monitoring:</u> <input checked="" type="radio"/> Multiple Per Room <input type="radio"/> 1 Per Room <input type="radio"/> None</p> <p><u>Gas Detection:</u> <input checked="" type="radio"/> Draw-Sample <input type="radio"/> Static <input type="radio"/> None</p>
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APPENDIX A – KEY PERSONNEL (EXPANDED)

Key Staff & Personnel

The following summarizes our key staff and personnel in expanded detail:



Jon Hanson, MSPM, Managing Director

Location: Berkeley Heights, NJ

Jon Hanson's family history in gas-fueled live fire training systems began in the 1970's. His Father, Jim Hanson, was one of the pioneers of the earliest propane fueled fire training system technology for the United States Navy beginning in 1979. Jim, in multiple roles for Symtron Systems, Inc., lead the development of more than one dozen Navy surface (shipboard) and sub-surface (submarine) live fire training facilities. He advocated for an executed the extension of the technology into other market segments beginning with FDNY as the first Municipal customer in 1987 and Fayetteville Airport as the first large-area propane-fueled fuel spill trainer in 1992.

Jon began his career in gas-fueled live fire training systems with Kidde Fire Trainers (then owned by United Technologies Corporation) in 2005 in Marketing. He ran Sales & Marketing for the company for North America, Latin America and China and also Project Managed several high profile installations. In his tenure there, Jon invented numerous products including the Portable Fire & Hazmat Fire Trainer, Mobile Hazmat/WMD Trainer, Hazmat Rollover Tanker Trainer, and Mobile Arson Investigation Training Unit. After eight years in a variety of roles at Kidde, Jon left the Company. He began Consulting for Fireblast Global, Inc. in 2013. Under a five year contract where he ran the company's global sales and marketing, Jon led a significant geographic and product line expansion. The company's product portfolio boomed from 10 products to more than 30 during that time and its geographic reach went from two countries to more than 20.

Jon is a certified fire fighter in NJ. He holds a Bachelor's Degree in Management Science and a Master of Science in Project Management (MSPM) from Boston University. He has an advanced Graduate Certificate in Training & Development.



Pete Romero, Director of Engineering

Location: Los Angeles, CA

Pete Romero's experience in gas fueled flame effects began in the early 2000's. Pete began his flame effects career at WET Design, WET is an integrated architecture, design, manufacturing, and engineering firm that creates water fountains and experiences all over the world. An industry leader of the world's most iconic water and fire features such as The Bellagio Hotel and The Mirage Hotel in Las

Vegas. In 2002, Pete worked for 10 years as Director of Field Services where he was responsible for overseeing the installation, accuracy, and design integrity of numerous multimillion-dollar flame effect projects throughout the world. Pete's responsibilities also included management of flame effect

equipment compliance and certification. He has worked directly with testing agencies and laboratories to achieve product certification.

In 2012, Pete left WET Design and joined Fireblast Global, Inc. Fireblast is a Firefighter equipment manufacture of Industrial, Commercial, Home, Maritime and Aircraft live fire training simulators. Pete began worked for 7 Years in Fireblast's engineering department, culminating his tenure there as head of the department. He was responsible for the development of several fire training products such as the B-737, F-18, F-35, Hazmat Tankers, Maritime Ship Trainer, Large Flammable Liquids Spill, File Cabinets, BBQ Grill, Double Bed, Single Bed and Balcony Live Fire Simulators. Pete's responsibilities also encompassed overseeing the installation accuracy and design integrity of flame effect projects worldwide and managing of the flame effect equipment compliance and certification.

In 2019, Pete left Fireblast Global, Inc. and joined CSA Group. CSA is a global organization dedicated to safety, social good and sustainability. CSA is a leader in Standards Development and in Testing, Inspection and Certification around the world including Canada, the U.S., Europe, and Asia. CSA provides global product testing and certification for a wide variety of commercial products, industrial products, and flame effects equipment. As a leading standards organization, CSA is the trusted product certification experts. Pete's responsibilities included performing field evaluations on custom equipment with the objective of validating regulatory compliance. His expertise relates specifically to gas fueled Live Fire Training Simulators and Flame effects, including for major theme parks such as Disneyland and Universal Studios. He is an equipment expert including custom electrical, gas, and mechanical equipment from industrial control panels, automated manufacturing, semiconductor fabrication, luminaires, switchboards, robotics, heating and cooling, distributed generation and energy storage systems.



Byron Charbonneau, Mechanical Engineer

Location: Foothills, AB

Byron has over 20 years of experience as a mechanical design engineer in the automotive, aerospace, fire training, and renewable energy fields. His mechanical aptitude and skills to design and develop a wide array of complex mechanical and electrical equipment make him an asset to any project.

Byron was part of Draeger Safety from 2007 through 2017 where he worked on countless product and infrastructure design projects including Structural, Outdoor, Mobile Structural, and Fire Behavior training units. In addition to his design expertise, Byron is experienced with PLC controlled electrical equipment and human machine interfaces (HMI). He integrated and installed the Draeger training products into multiple, diverse large scale projects.

Byron contributed significantly to the NFPA 1402 Standard on Fire Training Facilities and Associated Props. Additionally, he has an extensive fire fighting background, having served as both a volunteer and paid firemen in Alberta.

**Lucas Sanz, Mechanical Engineer**

Location: Berkeley Heights, NJ

Lucas has over 15 years of experience as a Mechanical Engineer. He holds degrees in Project Management and Mechanical Engineering. He is well versed in vapor and liquid pipe trains, flame pilot ignitions systems, safety instrumentation, and steel prop design. Lucas' time is split between facility interface (applications engineering) and product design.

Lucas has worked on dozens of fire training product designs and Facility Interface Documents (FIDs) in his career. Lucas led the design of the newest FDNY Fire Training Simulator for Symtech.

**Vercelis Samaniego, Project Engineer**

Location: Berkeley Heights, NJ

Vercelis has over 20 years of combined mechanical design and project engineering experience within manufacturing and construction industry. He excels in preparation of Facility Interface Documents (FIDs) for new fire training facility projects. Vercelis has extensive experience with metal framing design, sheet metal design, and piping layout and design. His knowledge of Project Management, Project Control, and Total Quality Management (TQM) adds to his value in larger, more complex projects.

Vercelis worked at Symtron/Kidde Fire Trainers from 2001 to 2012 as a Mechanical Engineer. His advanced educational background includes a Master's Degree in Engineering Management.

**Ross Riddell, Field Construction Manager**

Location: Pembroke Pines, FL

Ross has over 30 years of experience in the Public Safety field that covers fire and rescue training and response, as well as incident management at both the operational and executive level. He was the Deputy Public Safety Manager of Auckland International Airport (AKL) in New Zealand. From there, Ross was retained by Fire Control Fiji Limited and the Fijian Government to revamp the Fire and Rescue services for the Country. Tasks included the establishment of a National Response team for all emergencies on the island, preparation of a transferable incident management plan between services, establishing co-operative and functional relationships with all emergency services in the provision of a strategic emergency response management system, and set up of effective and efficient administrative procedures to ensure the capability to maintain the collective response systems established.

Ross has led numbers field construction efforts for both new construction and major renovations.

He has been involved in the planning, conceptualization, and project management of major fire related infrastructure and training facility projects domestically and abroad. Ross was Client Representative for the concept, design and construction management of an \$18 million ARFF Trainer (*including LPG fires*) at Pago Pago Int'l Airport (PPG). Ross has consulted for AECOM Engineering as part of their Aviation

Rescue Firefighting Team. He was also formerly contracted to the World Bank through the Technical and Fiduciary Services Unit (TFSU) as their Fire and Rescue consultant under the World Bank Airport Improvement Program.

Anthony Eckeresall, Lead Software Engineer

Location: Los Angeles, CA

Anthony is the on-staff lead for all Symtech software programs, including for Structural Fire Simulator ST/ST-PRO systems. Anthony has over two decades of experience in program development.

Oscar Gonzalez, Panel/Electrical Fabricator

Location: Los Angeles, CA

Oscar is Symtech's lead Flame Control Panel (FCP) Electrical Fabricator. He has over 15 years of electrical fabrication and panel building experience.



Chief (Ret.) Jim Nilo, C.M., ACE, IACE, Commissioning/Training Manager

Location: Richmond, VA

Jim is a retired Fire Chief from Richmond International Airport (RIC) and part-time instructor for Virginia Department of Fire Programs (VDFP). Jim led the project planning, budgeting and procurement for the first ever Mobile Aircraft Simulator for the VDFP in the late 1990's manufactured by Symtron Systems, Inc. He has been involved in commissioning and training of numerous training projects in his career.

After retiring from RIC, Jim joined Jon Hanson and the Fireblast team where Jim worked in technical publications, project development, and he provided end-user training. Jim leads the Technical Publications Department (O&M Manuals) Department for Symtech.

Outside of his role with Symtech, Jim consults for AAAE , the American Authority of Airport Executives.



Greg Pascola, Field Installation/Fire Behavior Expert

Location: Los Angeles, CA

Greg Pascola recently retired from a 38-year career with Los Angeles Fire Department, CA. Separately, he is a living legend in fire behavior, excelling in knowledge, teaching, and product development. Greg was in at the ground floor when the first Flashover Training Units were brought to the US market.

In addition to providing design input to the Flashover Simulators (including many iterations and improvements), Greg worked as a fabricator and on-site installation/assembly foreman. More importantly, Greg established the original training curriculum for fire behavior training and observation. Few individuals understand the nuances of fire behavior better, from fuel-loading, to thermal layering, and much more. Greg collaborated with New York City fire fighters to incorporate their

learnings on smooth-bore nozzles and their effectiveness at piercing thermal layers without disruption into his teachings.

Greg is a long-tenured fire officer, instructor, and he is a fire training systems expert with strong mechanical aptitude.



Linda Feng, Customer Service Manager

Location: Los Angeles, CA

Linda leads Symtech’s Customer Service Department. She manages both full and part-time service team members, including scheduling and dispatch.

Prior to joining Symtech, Linda led the customer service organization for several small and medium size companies in a variety of industries ranging from flame and water effects to heavy industrial equipment.



John “Bart” Simpson, Field Service Technician

Location: Osceola County, FL

John “Bart” Simpson is a 42-year veteran and student of the Fire Service. He started his fire service career with the Peters Township Fire Department (Pa), where he held the rank of Captain. John then moved to Florida where he has worked for Palm Bay Fire Rescue, Titusville Fire Department and is currently employed by Osceola County Fire Rescue assigned to Tower Ladder 72.

He has held the position of Training Officer with all the departments he has worked for. John currently teaches at The Central Florida Fire Institute, as well as Gaston College and On Scene Training Associates LLC. He has taught for Brevard Community College Fire Training Academy. He also has been an Instructor at FDIC, FDIC East, Firehouse Expo, Firehouse World and has been featured on Fire Engineering’s “Training Minutes” along with teaching nationally and internationally. John is the lead instructor for his department’s Truck Company Operations program. He is one of the founding members of the Fraternal Order Of Leatherheads Society (F.O.O.L.S. International).

Bart is a part-time Field Service Technician for Symtech.



Maria Oubina, Marketing / Office Manager

Location: Berkeley Heights, NJ

Maria is responsible for external product development research, pricing, web and social media, and accounts payable. She holds a Bachelor’s Degree from Montclair State University and a Master’s Degree from Fairleigh Dickinson University. Maria joined Symtech in 2020. Prior to her tenure with Symtech, she provided Marketing Consulting for small and large firms for more than 10 years.



Paul Ellis, Project Development

Location: Cambridge, ON

Paul has extensive fire training systems experience. He worked at Pro Safe Fire Training Systems, Inc. and Fireblast Global for 5 years each respectively, prior to joining Symtech in 2021. Throughout his career, Paul has been involved in the planning, budgeting, and execution of more than 45 fixed and mobile training facilities.

Paul supports Symtech customers with identifying optimal solutions that meet both their training needs and budgets. He prepares detailed performance specifications, proposals, and helps coordinate with other trades for comprehensive planning estimates.

Paul holds a Bachelor's Degree from the University of Toronto.

APPENDIX B – VALUE ADDED / VALUE ENGINEERING

This Appendix describes Symtech Value Engineering (VE) and Value Added products and services that Symtech offers.

A-B.1 Value Engineering

Symtech prides itself in proactively bringing forward VE ideas and recommendations forward to the A&E Team, CM, and Owner during the project planning and design phases. Below are some examples.

A-B1.1 70,000 cfm Smoke Machines

Over the years, waxes, injectables, color dyes and all kinds of gimmicks have been attempted to produce more resilient theatrical smoke in a live fire environment. The reality is we're not creating real smoke at all. Rather, it is atomized particulate with a defined melting point. Barring some unexpected new particle discovery in the CERN experiments, the physics are what they are.

This means we need to pump more smoke into the training compartments to ensure realistic training environments!

Symtech Smoke System Features:

- High Output - 70,000 cubic feet per min.
- Glycol (water-based) Fluid
- Fully integrated with system controls
- Programmable for intermittent smoke release or simple ON/OFF capable
- Use with or without training fires



A-B1.2 Sound Generation Systems

Make training far more realistic by adding search and rescue sounds to the non-burn training spaces!

From dogs barking, to babies crying, chainsaws on the roof, and cries for help... the possibilities are unlimited! Sounds are triggered from a wireless remote with volume adjustments made at the main panel.

Speakers are durable, water-proof, and covered with a protective steel shield to avoid ripping/tearing with hose lines or other fire department tools.

Symtech Sound Generation System Features:

- Enhanced Realism
- Controllable from Wireless Remote
- Search & Rescue Sounds
- Waterproof Speakers
- Steel Protective Covers



A-B1.3 Reconfigurable and Expandable

From movable wall panels and doors, to hinged wall panels, and entire swinging wall section with forcible entry and wall breach options, Symtech has multiple design options to ensure your training evolutions do not become repetitive. Additionally, all training units are fully relocatable and expandable using a bolt-together design.

A-B1.4 Next Generation Fire Behavior Simulators

Not only does Symtech have a standard Class “A” Flashover Simulator ST, an Advanced Flashover Simulator ST-PRO, but we also just developed the Advanced Fire Behavior Simulator ST-7. This Multi-Story containerized fire behavior and fire suppression training tool does literally everything the traditional Series/Phase 2-6 training modules provide. Elements of this can be built into any containerized training facility to enhance training and end-user value.

Additional details are available upon request.

A-B1.5 Low-Cost Strip Mall / Taxpayer Solution

Symtech continues to develop low cost alternatives to modern challenges.

Our latest design is a Strip Mall facility that is available for under \$300,000 “turnkey”* with Class “A” and smoke generation. It is available with clean-burning gas fires for under \$550,000.

The training unit includes a shared attic/cockloft with multiple fire extension panels to check for extension. The cockloft space has multiple smoke output ports and orange strobe lights to provide the visual effect of fire extension to the open space above at a very affordable price.

By adding a 2nd Story, the training unit can be converted into a Taxpayer building.

The facility can be constructed with smoke only, class “A” fires, or gas fires (or any combination thereof) based on training needs and budget.

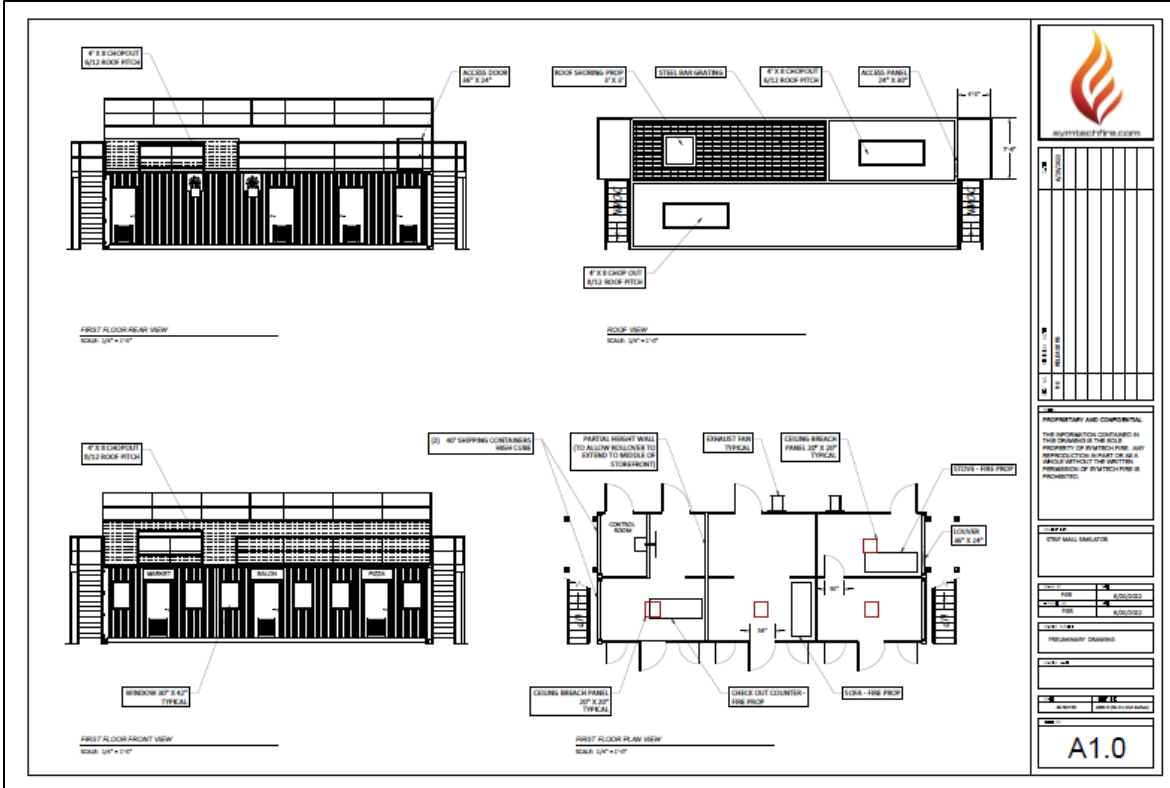





**INCORPORATE OUR LOW-COST PROPRIETARY HIDDEN FIRE TECHNOLOGY INTO
YOUR FIRE TRAINING ACADEMIES NEXT TRAINING UNIT!**



*refer to next page for general layout drawings
gas prop version depicted*

PROPRIETARY AND CONFIDENTIAL

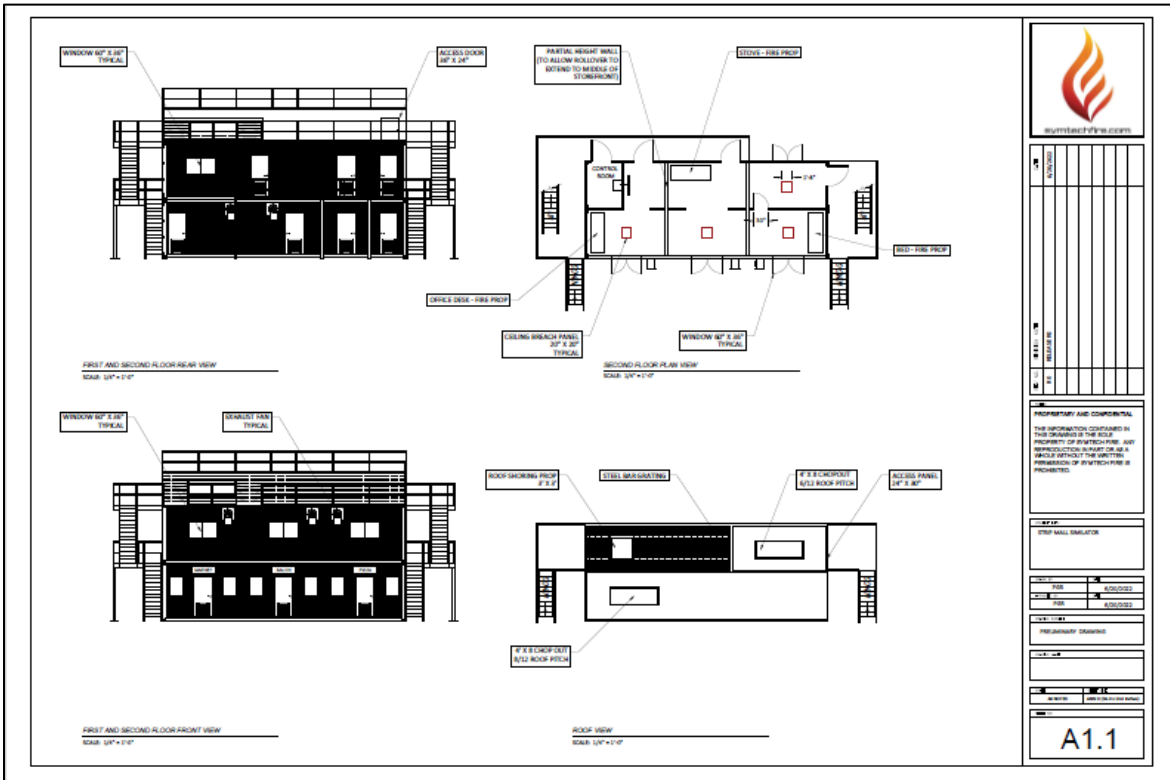

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SYMTECH
FIRE WALL SIMULATOR

DATE: 10/1/2014
PROJECT: STRIP MALL
DRAWN BY: J. J. J.
CHECKED BY: J. J. J.
PREPARED BY: J. J. J.
SCALE: 1/4" = 1'-0"

A1.0

strip mall version

PROPRIETARY AND CONFIDENTIAL

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SYMTECH
FIRE WALL SIMULATOR

DATE: 10/1/2014
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PREPARED BY: J. J. J.
SCALE: 1/4" = 1'-0"

A1.1

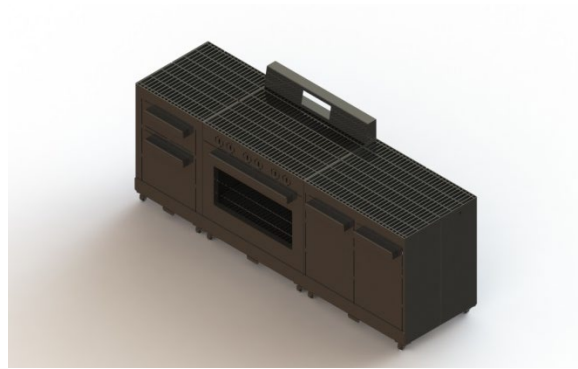
taxpayer version

A-B1.6 Realistic Class “A” Burn Props

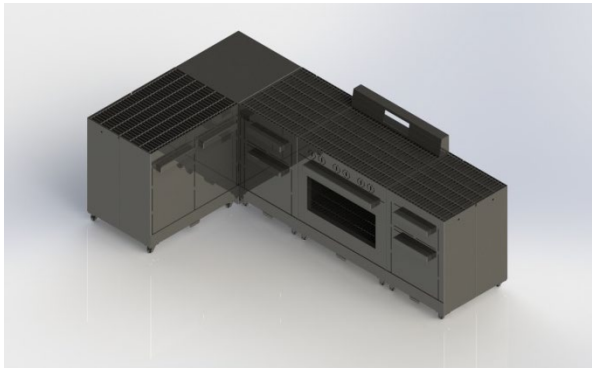
Go beyond traditional burn cribs with our realistic Class “A” Burn Prop designs. Symtech has a full line of realistic looking Class “A” Props constructed of durable 3/16” steel. They feature a modular, bolt-together design for *reduced shipping cost and easy replacement of any damaged panel*. All top surfaces include a full grated burn area for placement of Class “A” material, while built in slide-out trays provide easy removal of ash/embers. All props are on casters for portability *around the burn room or building*.



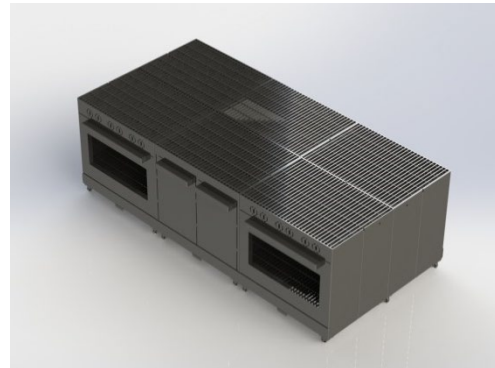
ST Stove Prop



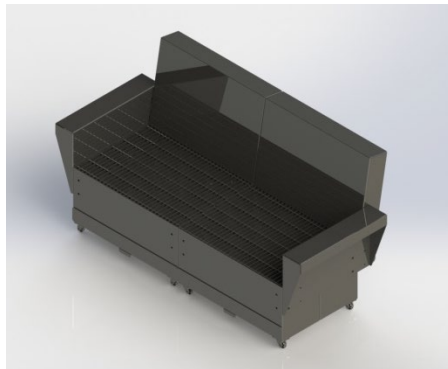
ST Stove Prop Large



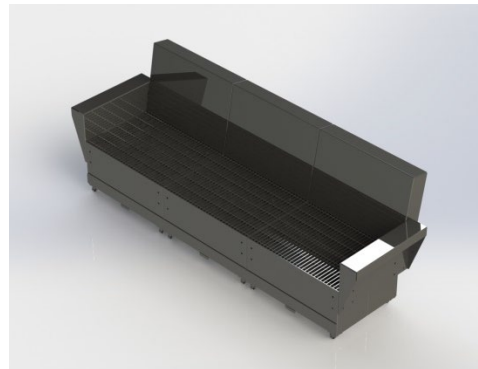
ST-Pro L-Shaped Stove Prop



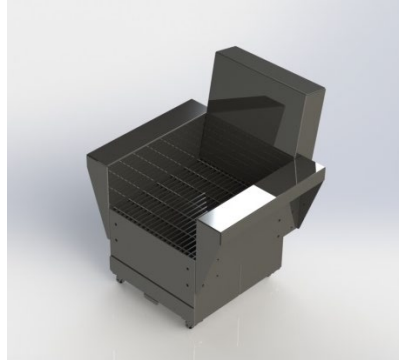
ST-Pro Commercial Stove Prop



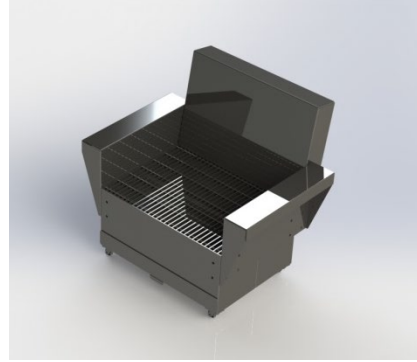
ST Sofa (Loveseat) Prop



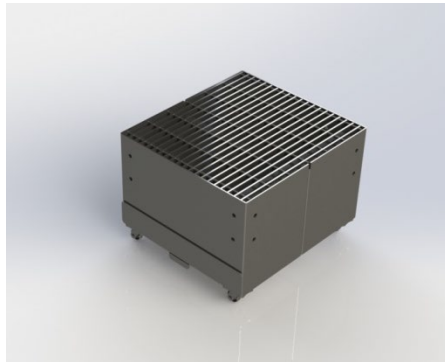
ST Sofa Prop Large



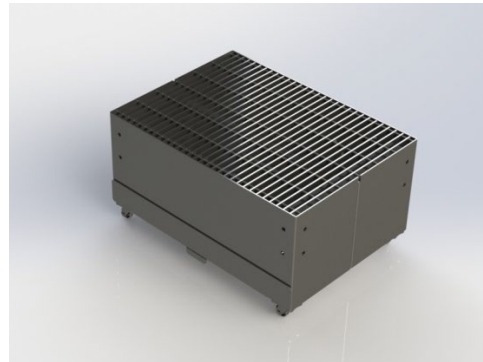
ST Recliner (Arm Chair) Prop



ST Recliner (Arm Chair) Prop Large



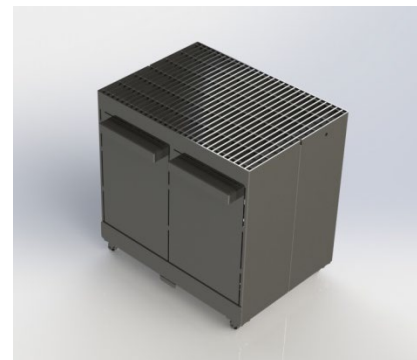
ST Attic Storage Prop



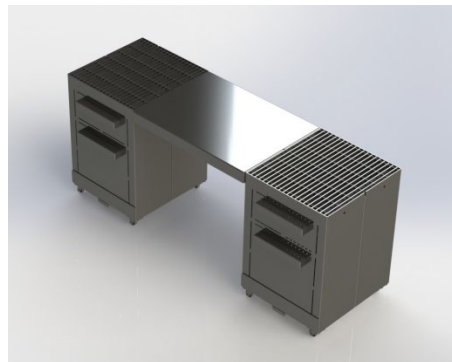
ST Attic Storage Prop (Large)



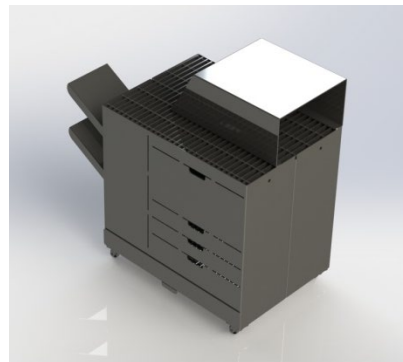
ST Cabinet/TV Stand Prop



ST Cabinet/TV Stand Prop



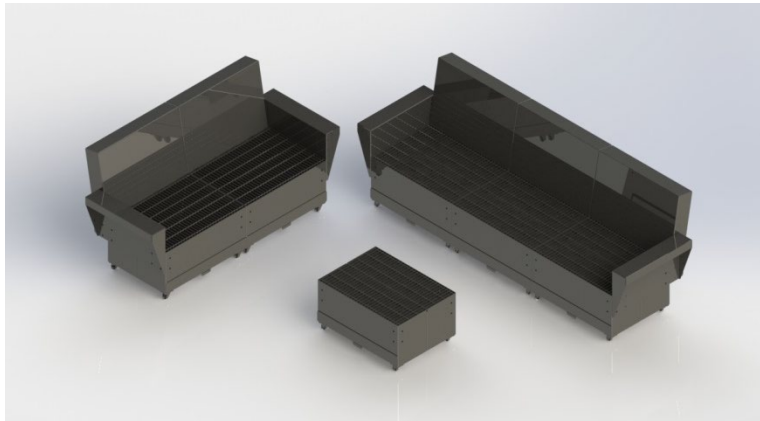
ST Office Desk Prop



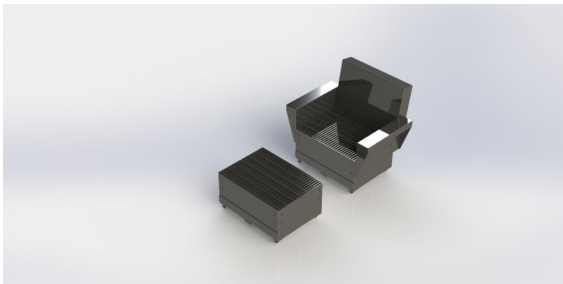
ST Office Printer/Copier Prop



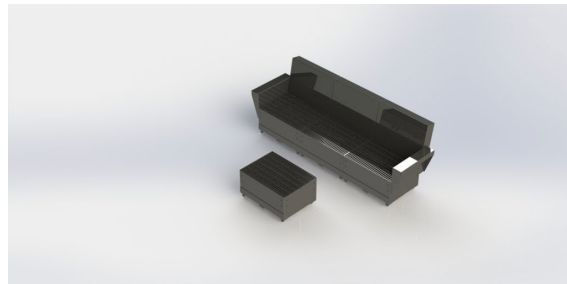
ST Clothes Dryer Prop



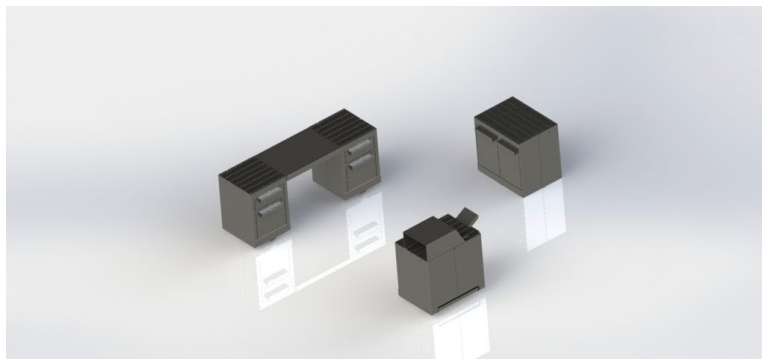
Living Room Example (Multiple ST-Pro Burn Props)



ST-Pro Arm Chair with Ottoman



ST-Pro Living Room Sofa with Ottoman



ST-Pro Office Suite

A-B1.7 Command & Control / Rehab Center

Symtech offers an affordable Command & Control / Rehab Center for consideration. This 2-Story facility includes air conditioning in the 2nd story and storage on the ground level. Each space is 128 sq. ft. An optional 16-ft RV style awning and removable dry erase board is available for quick and easy debriefing.



Front (A-side) View



Rear (C-side) View

A-B1.8 Endless Container Facility Design Possibilities

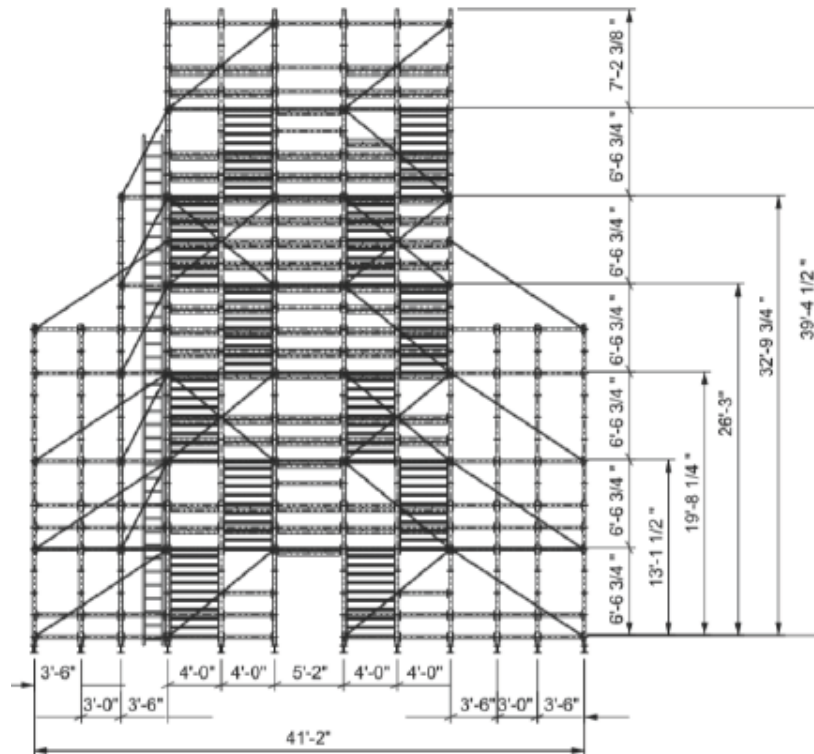






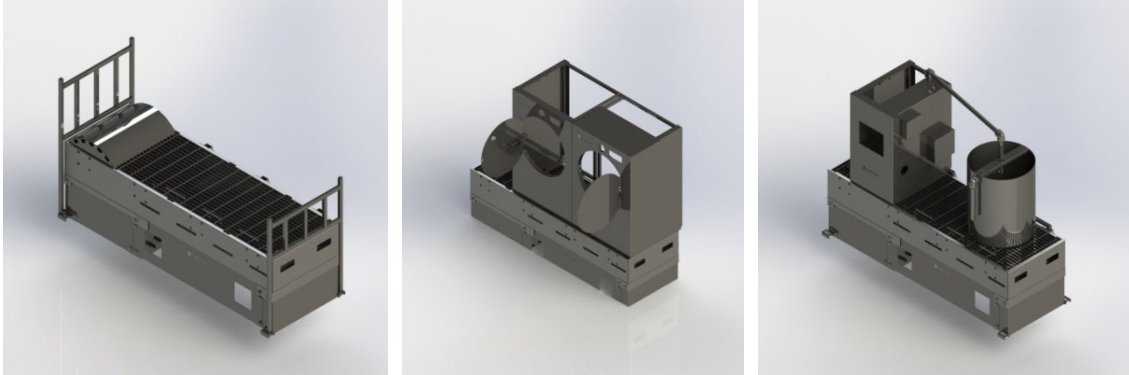
A-B1.9 Affordable Drill Tower Options

Cost effective, open frame towers can be incorporated into any container building design. 4-Story models starting at just \$65,000.



A-B1.11 State-of-the-Art Interior Props

Fire Simulator ST Gas Simulators



Interchangeable Mockup Platform incl. Bed, Clothes Dryer, and Boiler/Water Heater Props



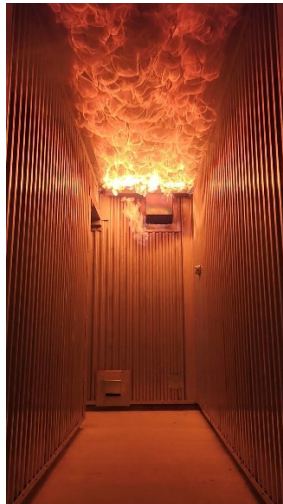
Double Bed Prop ST



Interior Stove Prop ST-PRO (Optional Overhead Cabinet Extension)



Interior Stove Prop ST



Ceiling Rollover Prop



Double Bed Prop ST

Fire Simulator ST Interchangeable Burn Prop Examples



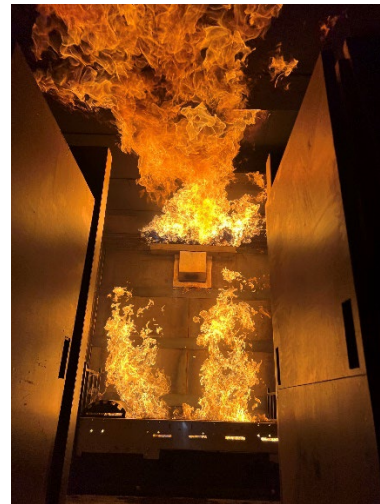
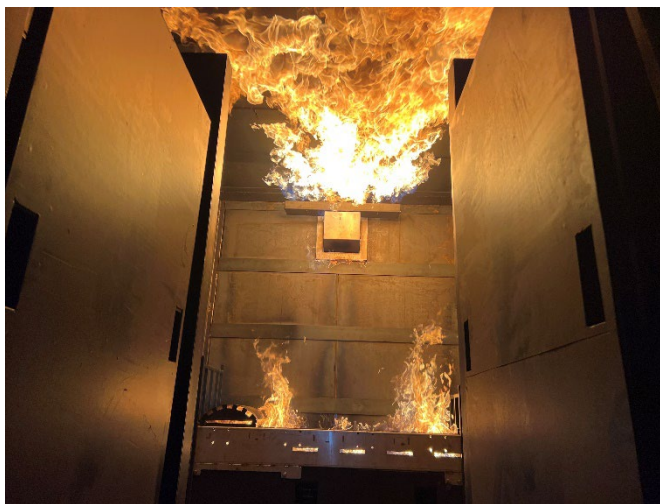
Interchangeable Platform w/ Boiler/Water Heater Prop



Interchangeable Platform w/ Clothes Dryer Prop



Interchangeable Platform w/ Twin Bed Prop



Burn Room Rollover Simulator ST

Fire Simulator ST-PRO Kitchen Prop



Interior Stove Prop ST-PRO (Optional Overhead Cabinet Extension)



Interior Stove Prop ST-PRO (Optional Overhead Cabinet Extension)

Fire Simulator ST Prop Examples



Ceiling Rollover Fire Simulator ST



Industrial Storage Rack Fire Simulator ST



Interior Garage Car/Vehicle Fire Simulator ST



Flame Control Panel & Wireless Controls



Main Control Panel / Hardware w/ 15" Touchpanel

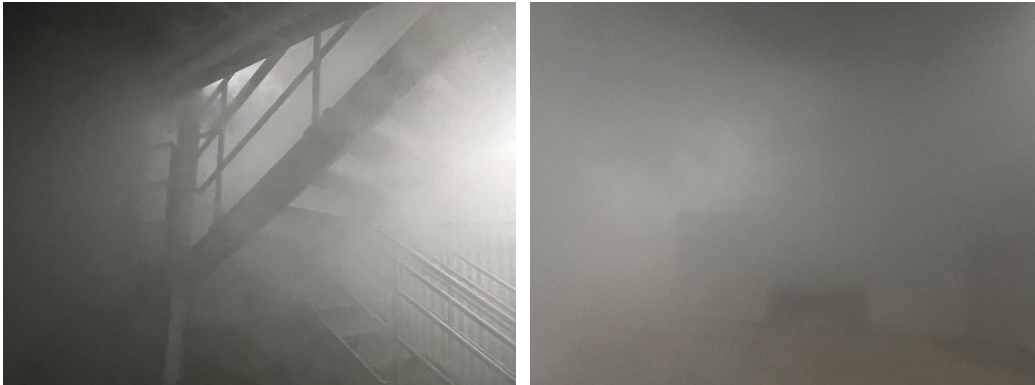


Local Wireless Controls w/ Wireless Re-charging

70,00 cfm Smoke Generation System



Dedicated 70,000 cfm Burn Room Smoke Machine (1 Per Burn Room)



Centralized 70,000 cfm Smoke System w/ Blower and PVC Distribution

Sound Generation System



Sound Generation Panel and Wireless Remote

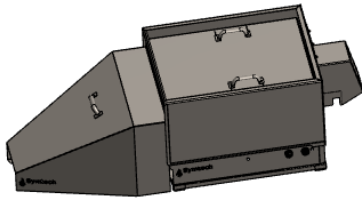


Speaker #	Floor	Location	Type	Sound Name	Item ID
1	1st	KITCHEN	SEARCH & RESCUE	Smoke Alarm Beeps	63362445
				Cough, Old Lady	1082340
				Small Kid Crying Loop	86108317
				Animals Dogs - Dog German Shepherd	66891855
				Fire Alarm Hallway Loop	846640
2	HALLWAY	SEARCH & RESCUE	SEARCH & RESCUE	Middle Age Woman Coughing	8662211
				Dog Barking Interior Building House	67354891
				Sick Baby Coughing And Crying 01	86701135
				Fire Alarm Hallway Loop	846640
				Footsteps, Stairwell	75121997
3	2nd	TOWER STAIRS	SEARCH & RESCUE	Coughing Man 009	50539625
				Impact, Metal, Large Container Door	1082610
				Coughing Man 009	50539625
				Four Month Baby Crying Loop	218346808
				Cat, Crying, Meowing, Distressed, Yowling, Whine	102991742
4	CORRIDOR	SEARCH & RESCUE	SEARCH & RESCUE	Fire Alarm Hallway Loop	846640
				Smoke Alarm Beeps	63362445
				Small Kid Crying Loop	86108317
				Middle Age Woman Coughing	8662211
				Cough - Young Man Coughing	119578516
5	3rd	APARTMENT	SEARCH & RESCUE	Old Man Saying Help 03	160630934
				Cough, Old Lady	1082340
				Callingmommym6-7tearoldboyworriedsad lctka 17	156924232
				Small Dog 1 Barking Close	36100380
				Water Running in Kitchen Sink	52979199
6	4th	TOWER	SEARCH & RESCUE	Dishes Break, Plates Falling To Ground	102995466
				Big Fire	63797724
				Smoke Alarm Beeps	63362445
				Car Alarm Garage Perspective	100075986
				Fire Whoosh 01	74795393
7	1st	KITCHEN	AMBIENT	Wood Shelf, Destroy, Break Apart	116211377
				Dark Fire	62243377
				Fire, Crackle - Intense Crackling Fire	167846694
				Fire	96997770
				Smoke Alarm Beeps	63362445
8	2nd	BEDROOM	AMBIENT	Breaking Glass Window 15	81122201
				Fire, Structure - Raging Structure Fire	167867486
				Glass, Smash Window Break Debris	168046732
				Smoke Alarm Beeps	63362445
				Room Shake, Falling Objects, Quaking	226015012

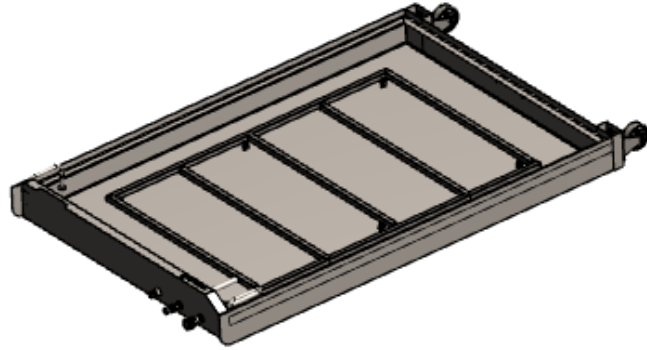
A-B1.10 State-of-the-Art Outdoor Props

Symtech has a full line of outdoor and industrial training props that can be added to any training facility.

ST Exterior Prop - Core System Components



ST Pilot / Control Module Assembly, SS



ST 4'x6' Fuel Spill Burn Pan Assembly, SS

Optional Prop Compatibility Listing

Column A (requires Pilot Igniter only):

- ST 250-Gal LPG Tank
- ST BBQ Grill Prop
- ST Split Flange Prop
- ST Gas Meter Prop
- ST 100 lb. Cylinder Prop
- ST Electric Motor/Generator Prop
- ST Transformer Prop
- ST Paint Locker Prop
- ST Xmas Tree Prop
- ST Stove Top Range Prop
- ST Boil Over Tank Prop
- ST 100 Sq. Ft. Fuel Spill Pan Assy

Column B (requires Pilot Igniter + Pan):

- ST Car Fire Prop
- ST Commercial Dumpster Prop
- ST Interchangeable Fire Props Kit (Class "A," "B," "C," "K")
- ST Bell 412 Helo Prop
- ST Aircraft Wing Prop

Hoseline Fire Simulator ST

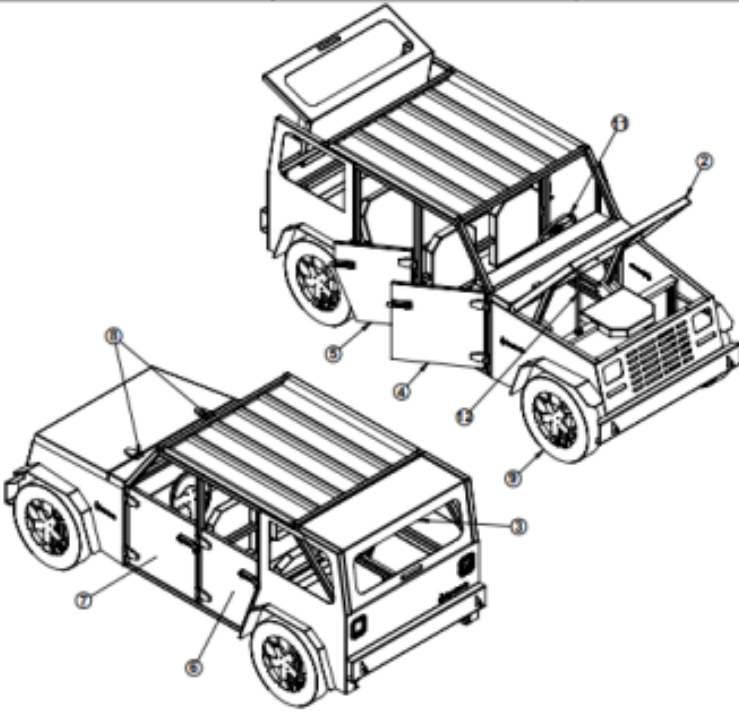


ST Hoseline Fire Simulator

SUV FIRE SIMULATOR ST / ST-PRO



SUV FIRE SIMULATOR ST / ST-PRO



ITEM NO.	QTY	WEIGHT	DESCRIPTION	VENDOR	PART NUMBER - FILE NAME
1	1	1000	CHASSIS	HYUNDAI	HYUNDAI SUV CHASSIS
2	1	1000	FRONT BUMPER	HYUNDAI	HYUNDAI FRONT BUMPER
3	1	1000	FRONT FENDERS	HYUNDAI	HYUNDAI FRONT FENDERS
4	1	1000	FRONT WHEELS	HYUNDAI	HYUNDAI FRONT WHEELS
5	1	1000	FRONT DOORS	HYUNDAI	HYUNDAI FRONT DOORS
6	1	1000	FRONT HOOD	HYUNDAI	HYUNDAI FRONT HOOD
7	1	1000	FRONT GRILLE	HYUNDAI	HYUNDAI FRONT GRILLE
8	1	1000	FRONT RAMP	HYUNDAI	HYUNDAI FRONT RAMP
9	1	1000	FRONT SEAT	HYUNDAI	HYUNDAI FRONT SEAT
10	1	1000	FRONT DASH	HYUNDAI	HYUNDAI FRONT DASH

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN THIS DRAWING ARE IN INCHES</p> <p>FINISHES:</p> <p>PAINT: BLACK</p> <p>MATERIAL: AS SPECIFIED PER PART (GENERALLY MILD STEEL)</p> <p>SCALE: 1/25</p> <p>DATE: 08/20/2018</p>	<p>PROPERTY AND CONFIDENTIALITY:</p> <p>THE INFORMATION CONTAINED ON THIS DRAWING IS THE PROPERTY OF SYMTECH FIRE, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.</p> <p>TOP LEVEL - ASSEMBLED COMPONENTS</p> <p>SYMTECH - SUV ST - TOP ASSEMBLY</p> <p>Symtech LIVE FIRE SIMULATION TECHNOLOGY</p>
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SUV FIRE SIMULATOR



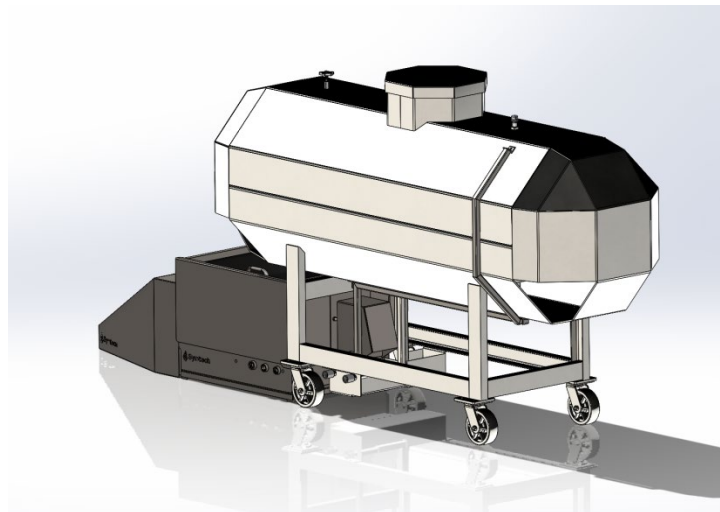
SUV FIRE SIMULATOR

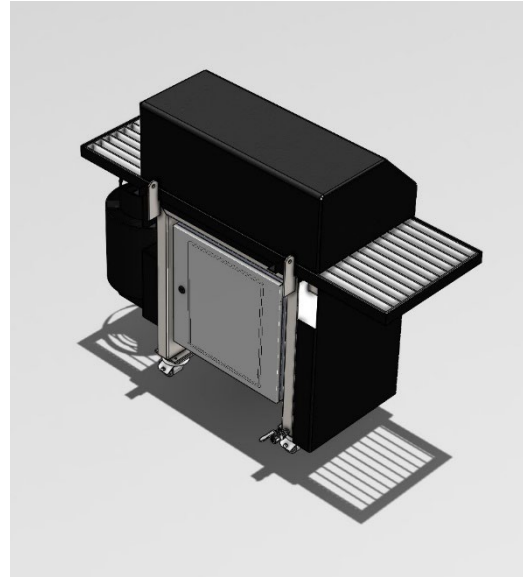
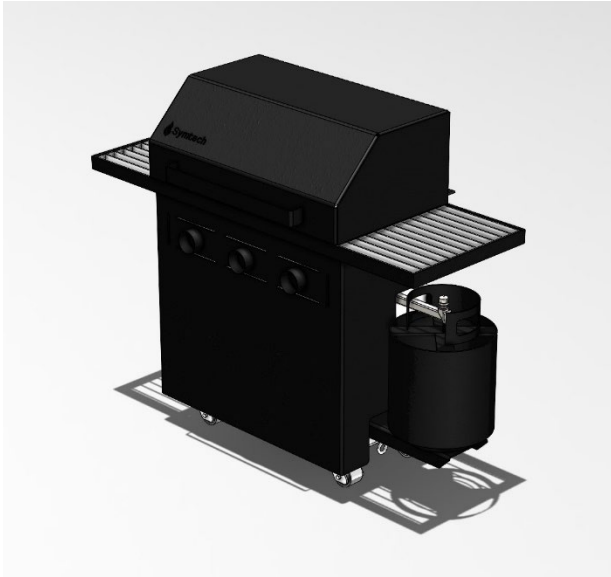


ST / ST-PRO Outdoor & Industrial Fires



ST 250-Gallon LPG Tank Fire Simulator





ST 250-Gallon LPG Tank Fire Simulator





ST Hoseline Fire Simulator



ST Christmas Tree (Pipe Array) Fire



ST Propane Cylinder Fire



ST Split Flange Fire



ST-Pro LPG Tank Fire



ST-Pro Hazmat Tanker Fire



ST Gas Meter Fire



ST Dumpster Fires



ST-Pro Industrial Platform Fire