

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

PERMIT ISSUED

Permit Number: 051426
OCT 21 2005

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

This is to certify that NORTH DEERING CONGREGATIONAL CHURCH/Simple / Gri
has permission to Install a Pyro-Chem Kitchen Hood Fire Suppression System
AT 1354 WASHINGTON AVE L 344 C006001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is altered or otherwise used-in. HOUSING NOTICES REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. Capt. Greg Cuss 10-11-05 PFD

Health Dept. _____

Appeal Board _____

Other _____
DepartmentName

[Handwritten Signature]
10/20/05
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 05-1426	Issued Date: OCT 21 2005	344 C006001
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Location of Construction: 1354 WASHINGTON AVE	Owner Name: NORTH DEERING CONGREGAT	Owner Address: 1354 WASHINGTON AVE	Phone:
Business Name:	Contractor Name: Simplex / Grinnell	Contractor Address: 20 Thomas Drive Westbrook	Phone: 207-874-26440
Lessee/Buyer's Name	Phone:	Permit Type: Fire Suppression System	Zone:

Past Use: Commercial/ Church	Proposed Use: No. Deering Cong Church/ Install a Pyro-Chem Kitchen Hood Fire Suppression System	Permit Fee:	Cost of Work:	CEO District:
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Proposed Project Description: Install a Pyro-Chem Kitchen Hood Fire Suppression System	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: <u>J</u> Type: <u>Fire</u> <i>NFPA</i> Signature: <i>[Signature]</i>
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Permit Taken By: Idobson	Date Applied For: 09/23/2005	Zoning Approval
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> late:	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied late:
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



Commercial Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 1364 Washington Avenue		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# Chart# Block# Lot#	Owner: No. Deering Congregational Church	Telephone: 797-2487
Lessee/Buyer's Name (If Applicable) 20 Thomas Drive Westbrook, ME 04092 842-6440		Fee: \$ 39.00
Current Specific use: _____		
Proposed Specific use: _____		
Project description: Installation of a Pyro-Chem wet chemical Kitchen hood Fire Suppression system per NFPA 17A + 96 and UL300 to protect a 6' hood, exhaust duct, range + griddle in the basement Kitchen. Connection to Fire alarm panel by others.		
Contractor's name, address & telephone: Simplex Grinnell		
Who should we contact when the permit is ready: Tim Hinman		
Mailing address: 20 Thomas Drive Westbrook, ME 04092		Phone: 842-6440 ext 220

Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

 Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost. SEP 23 2005 RECEIVED	Signature: [Signature] Date: _____
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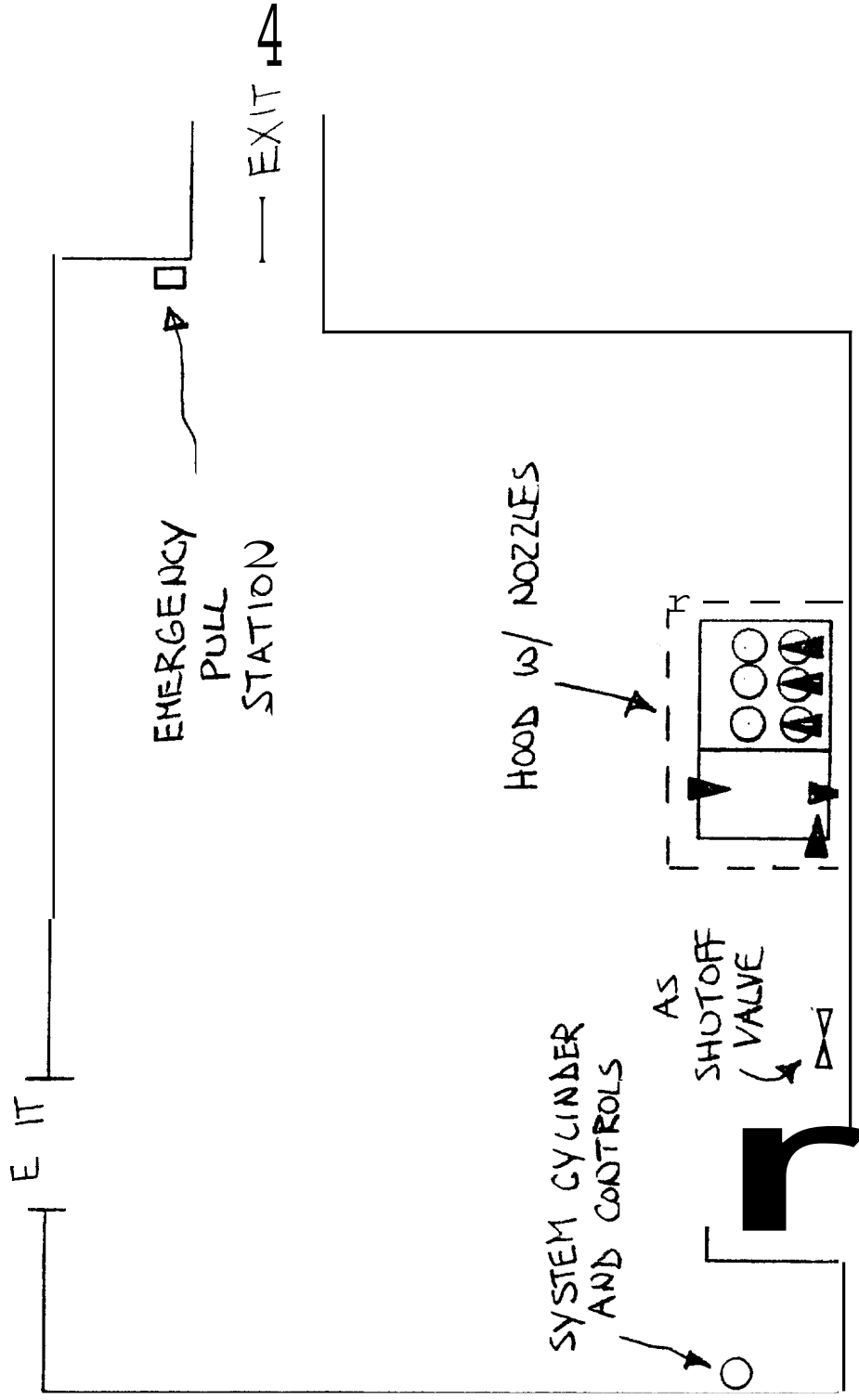
This is not a Permit; you may not commence any work until the Permit is issued.

Handwritten: ✓ # 1464

CERTIFICATE OF INSTALLATION

Customer	North Deering Concegrational Church
Address	1364 Washington Ave. Portland, ME 04103
Property inspected	(same)
Hazard location	6' long kitchen hood
System location	Cylinder and controls behind curtain to the right side of the hood
System Type	Pyro-Chem, UL300 wet chemical per NGPA 17A & 96
System size	3 - gallon (1 cylinder)
Remarks	A. System includes: (1) 3 - gallon cylinder, (6) discharge nozzles, (2) fusible link detectors, (1) pull station and (1) mechanical gas shutoff valve. B. System includes DPDT switches for connections (by Others) to the main facility fire alarm system. C. (1) 1H nozzle for plenum, (1) 1L nozzle for duct, (1) 1Hnozzle for griddle and (3) 1L nozzles for 6- burner range.
Installation date	pending, September 2005
Next inspection due	Semi-annual: March 2006, Sept. 2006 etc.
Installed by	pending installation by Tom Zielinski

NORTH DEERING CONGREGATIONAL CHURCH
 KITCHEN HOOD FIRE SUPPRESSION SYSTEM



- ▲ NOZZLES:
- (1) 1H 6' PLENUM
 - (1) 1L 12" X 12" EXHAUST DUCT
 - (1) 1H 24" GRIDDLE
 - (3) 1L 36" RANGE

tyco

Fire &
Security

SimplexGrinnell LP
 20 Thomas Drive
 Westbrook, ME 04092

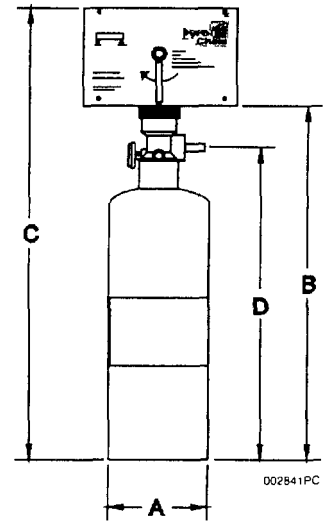
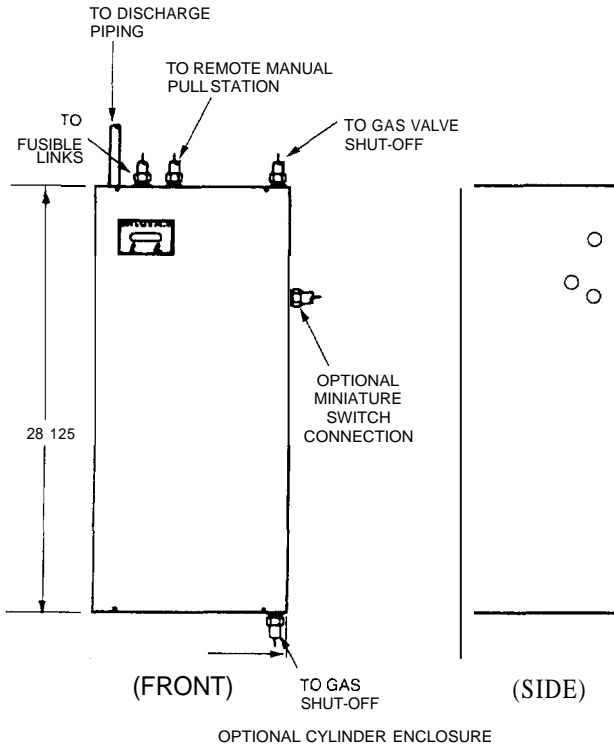
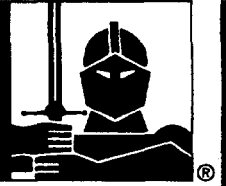
Tele: 207-842-6440
 Fax: 207-842-6439
 www.simplexgrinnell.com

SimplexGrinnell

9-12-05

Specification

Kitchen Knight II Wet Chemical Restaurant Kitchen Fire Suppression System



Model No.	A	B	C	D	Flow Point Capacity	Weight	Mounting Bracket Used
PCL-300	8.00	25.06	30.81	22.75	10	53 lbs.	MB-15
PCL-460	10.00	25.06	30.81	22.75	15	83 lbs.	MB-15
PCL-600	10.00	135.81	41.56	133.50	20	108 lbs.	MB-1

ALL DIMENSIONS IN INCHES





Fire & Security

SimplexGrinnell LP

20 Thomas Dr.
Westbrook, ME 04092- U.S.A.
Tel. (207)842-6440
Fax (207)842-6439

SimplexGrinnell

PROPOSAL AND CONTRACT

Table with contract details: SimplexGrinnell Contract #, Salesperson, Date, Invoice To, Job Location, Customer PO #

SimplexGrinnell, for and in consideration of the prices herein named, proposes to furnish the work, and/or materials hereinafter described, subject to the conditions outlined below:

SCOPE OF WORK:

Furnish & install a 3-gallon Pyro-Chem wet chemical kitchen hood fire extinguishing system per UL300, NFPA 17A & NFPA 96 to protect: a 6' hood, a 12' x 12' exhaust duct and a combo 6-burner range-3 griddle unit. Scope includes: A. furnishing a 1" mechanical gas valve to the plumber/gas co., B. furnishing a DPDT microswitch to enable a connection to the main building fire alarm system (if existing), C. furnishing a Class K fire extinguisher and D. performing the extinguisher and system maintenance for 1 year. Doesn't include installation of gas valve or alarm wiring if applicable. Total price: \$1,875

TERMS OF THIS AGREEMENT ARE: NET 10, NET 30, C.O.D., Time and Material, Price Not to Exceed, Fixed Price of \$1,875, DEPOSIT, BALANCE DUE, AMEX, MC/Visa, Discover, CREDIT CARD #, Expiration Date, Name on Credit Card

IMPORTANT NOTICE TO CUSTOMER

- A. The price for work to be performed under this agreement on a time and material basis shall be based upon the prevailing SimplexGrinnell prices for material, labor, and related items... B. SimplexGrinnell does not undertake an obligation to inspect for Code compliance... C. Unless otherwise agreed in writing between the parties, the Customer shall pay SimplexGrinnell within thirty (30) days of the date of this Agreement... D. Additional work performed for the Customer by SimplexGrinnell... E. CUSTOMER AGREES THAT SIMPLEXGRINNELL'S LIABILITY FOR PERSONAL INJURY, DEATH OR PROPERTY DAMAGE... F. THIS AGREEMENT CONSISTS OF THIS AGREEMENT PAGE AND THE TERMS AND CONDITIONS ON THE REVERSE SIDE...

No. Deering Congregational Church
[Customer name]

SIMPLEXGRINNELL LP

By:
Name:
Title:

By: [Signature]
Name: Tim Hinman
Title: Suppression Sales Rep

THIS IS TO CERTIFY THAT



Thomas Zielinski

while a current employee of the Authorized Pyro-chem Distributor:

SimplexGrinnell

has attended a requisite training class to install, maintain, test, inspect, and service Kitchen Knight II Restaurant Systems as outlined in the Installation, Maintenance, and Service Technical Manual.

April 73, 2009

Expires

A handwritten signature in cursive script that reads "Steve Lemire".

Trained By

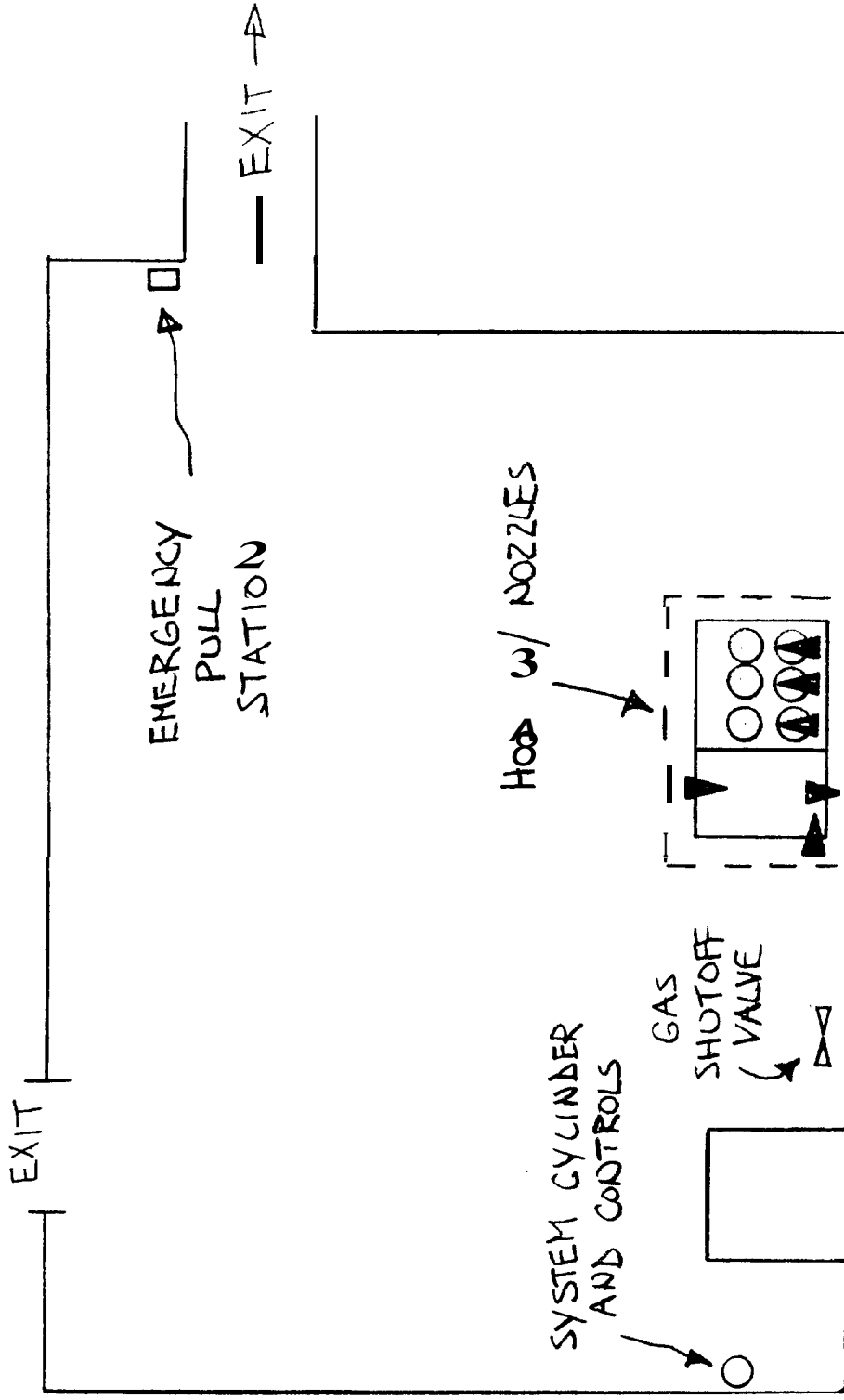
A handwritten signature in cursive script that reads "Michael Schmidt".

Manager of Training

CERTIFICATE OF INSTALLATION

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Remarks	A. System includes: (1) 3 - gallon cylinder, (6) discharge nozzles, (2) fusible link detectors, (1) pull station and (1) mechanical gas shutoff valve. B. System includes DPDT switches for connections (by Others) to the main facility fire alarm system. C. (1) 1H nozzle for plenum, (1) 1L nozzle for duct, (1) 1Hnozzlefor griddle and (3) 1L nozzles for 6-burner range.
Installation date	pending, September 2005
Next inspection due	Semi-annual: March 2006, Sept. 2006 etc.
Installed by	pending installation by Tom Zielinski

NORTH DEERING CONGREGATIONAL CHURCH
 KITCHEN HOOD FIRE SUPPRESSION SYSTEM



- ▲ NOZZLES :
- (1) 1H 6' PLENUM
 - (1) 1L 12" X 12" EXHAUST DUCT
 - (1) 1H 24" GRIDDLE
 - (3) 1L 36" RANGE

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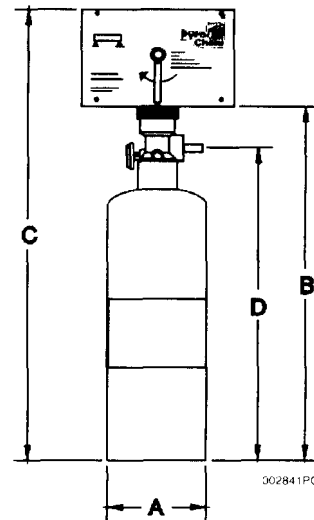
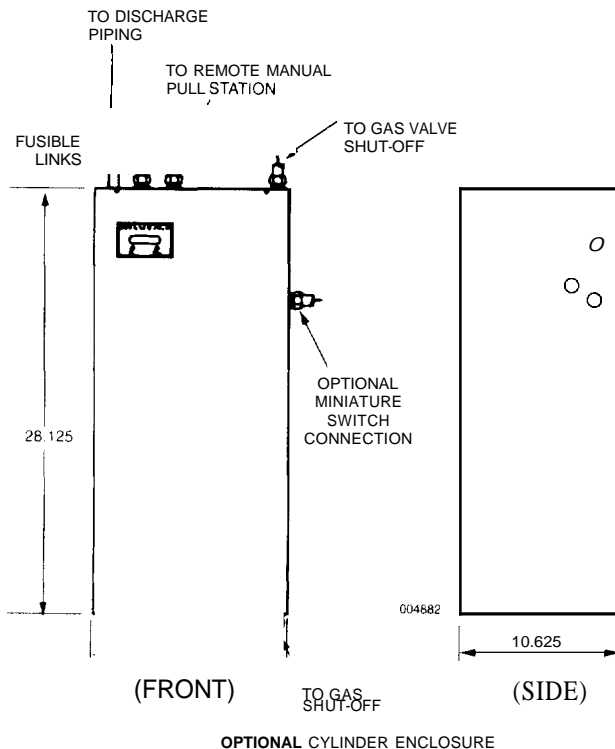
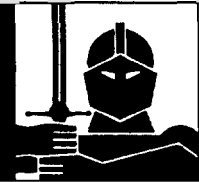
tyco
 Fire &
 Security

SimplexGrinnell

9-12-05

Specification Sheet

Kitchen Knight II Wet Chemical Restaurant Kitchen Fire Suppression System



Model No.	A	B	C	D	Flow Point Capacity	Weight	Mounting Bracket Used
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PCL-600	10.00	35.81	41.56	33.50	20	108 lbs	MB-1
ALL DIMENSIONS IN INCHES							

General

The Kitchen Knight® II Restaurant Kitchen Fire Suppression System is a pre-engineered solution to appliance and ventilating hood and duct grease fires. The system is designed to maximize hazard protection, reliability, and installation efficiency. Automatic or manual system activation releases a throttle discharge of potassium carbonate solution on the protected area in the form of fine droplets to suppress the fire and help prevent reignition after the discharge is complete.

System Operation

- The Kitchen Knight II Restaurant Kitchen Fire Suppression System has been designed for protecting kitchen hood, plenum, exhaust duct, grease filters, and cooking appliances (such as fryers, griddles, rangetops, upright broilers, charbroilers and woks) from grease fires. The versatile state-of-the-art wet chemical distribution technique, combined with dual, independent activation capability – automatic fusible link or manual release – provides efficient, reliable protection the moment a fire is detected. Once initiated, the pressurized wet chemical extinguishing agent cylinder discharges a potassium carbonate solution through a pre-engineered piping network and out the discharge nozzles. The wet chemical discharge pattern is maintained for a duration of time to ensure suppression and inhibit reignition. Expanded capability provides remote manual actuation, gas

equipment shutdown, and electrical system shutdown. This optional equipment will enhance the basic system functions and be applicable when designing custom configurations to suit a particular customer's needs and/or comply with local codes.

- The operating temperature range of the Pyro-Chem Kitchen Knight II System is 32 °F to 120 °F (0 °C to 49 °C).

Suggested Architect's Specifications

- The fire suppression system should be of the stored pressure wet chemical pre-engineered fixed nozzle type manufactured by Pyro-Chem. A carbon dioxide cartridge is designed in compliance with Military Specification "MIL-C-601 G" and shall be used as the pneumatic releasing device for the system. The cartridge shall be an integral part of the control head assembly. The wet chemical storage cylinder shall be D.O.T.-rated for stored pressure of 225 psig, and a
- pressure gauge shall be provided on the cylinder valve for visual inspection. The system shall be capable of automatic and manual actuation. Automatic actuation shall be provided by an appropriate
 - number of fusible link detectors mounted in series on a stainless steel wire input line to the control head. Manual actuation shall be provided by turning a handle on the primary head and/or by an optional remote pull station with a dedicated stainless steel input line to the control head.



One Stanton Street
Marinette, WI 54143

September 7, 2004



Fire & Security

SimplexGrinnell LP
20 Thomas Dr.
Westbrook, ME 04092- U.S.A.
Tel. (207)842-6440
Fax (207)842-6439

SimplexGrinnell

PROPOSAL AND CONTRACT

SimplexGrinnell Contract # Quote #P05-48, Rev1
Salesperson: Tim Hinman
Date: June 16, 2005
Invoice To: No. Deering Congregational Church
Job Location: (same)
Customer PO #

SimplexGrinnell, for and in consideration of the prices herein named, proposes to furnish the work, and/or materials hereinafter described, subject to the conditions outlined below:

SCOPE OF WORK:

Furnish & install a 3-gallon Pyro-Chem wet chemical kitchen hood fire extinguishing system per UL300, NFPA 17A & NFPA 96 to protect: a 6' hood, a 12' x 12' exhaust duct and a combo 6-burner range-3 griddle unit. Scope includes: A. furnishing a 1' mechanical gas valve to the plumber/gas co.. B. furnishing a DPDT microswitch to enable a connection to the main building fire alarm system (if existing). C. furnishing a Class K fire extinguisher and D. performing the extinguisher and system maintenance for 1 year. Doesn't include installation of gas valve or alarm wiring if applicable. Total price: \$1,875

TERMS OF THIS AGREEMENT ARE
NET 10 [] NET 30 [x] C.O.D. []
[] Time and Material [] Price Not to Exceed \$ [] [x] Fixed Price of \$1,875
DEPOSIT: \$ [] BALANCE DUE: \$ [] AMEX [] MC/Visa [] Discover []
CREDIT CARD # [] Expiration Date: [] Name on Credit Card: []

IMPORTANT NOTICE TO CUSTOMER

- A. The price for work to be performed under this agreement on a time and material basis shall be based upon the prevailing SimplexGrinnell prices for material, labor, and related items, in effect at the time supplied under this agreement.
B. SimplexGrinnell does not undertake an obligation to inspect for Code compliance unless stated in the above Scope of Work.
C. Unless otherwise agreed in writing between the parties, the Customer shall pay SimplexGrinnell within thirty (30) days of the date of this Agreement.
D. Additional work performed for the Customer by SimplexGrinnell (beyond the work set out in the above scope of work section) will be included in subsequent invoices and shall be governed by and subject to all of the terms and conditions of this Agreement.
E. CUSTOMER AGREES THAT SIMPLEXGRINNELL'S LIABILITY FOR PERSONAL INJURY, DEATH OR PROPERTY DAMAGE, WHETHER ARISING IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE AGREEMENT PRICE SET OUT ABOVE (AS INCREASED BY THE PRICE FOR ANY ADDITIONAL WORK) OR, WHERE THE TIME AND MATERIAL TERM IS SELECTED ABOVE, CUSTOMER'S TIME AND MATERIALS PAYMENTS TO SIMPLEXGRINNELL.
F. THIS AGREEMENT CONSISTS OF THIS AGREEMENT PAGE AND THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF OR ATTACHED HERETO, and is the complete agreement between the parties.

No. Deering Congregational Church
[Customer name]

SIMPLEXGRINNELL LP

By:
Name:
Title:

By: [Signature]
Name: Tim Hinman
Title: Suppression Sales Rep

THIS IS TO CERTIFY THAT



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while a current employee of the Authorized Pyro-chem Distributor:

SimplexGrinnell

has attended a requisite training class to install, maintain, test, inspect, and service Kitchen Knight II Restaurant Systems as outlined in the Installation, Maintenance, and Service Technical Manual.

April 73, 2009

Expires

A handwritten signature in cursive script that reads "Steve Lemire".

Trained By

A handwritten signature in cursive script that reads "Richard Schmidt".

Manager of Training