

Form # P04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK  
**CITY OF PORTLAND**

Please Read Application And Notes, If Any, Attached

**BUILDING INSPECTION**  
**PERMIT**

**PERMIT ISSUED**  
Permit Number: 061047  
JUL 28 2006  
CITY OF PORTLAND

This is to certify that DIOCESAN BUREAU OF HOUSING / Simplex / Grinnell  
has permission to Install Kitchen Hood fire suppression system with alarm system  
AT 880 FOREST AVE L 136 E005001

provided that the person or persons who perform or supervise the construction accepting this permit shall comply with all of the provisions of the Statutes of the State 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 when permission is procured before this building or part thereof is occupied or service is closed-in. 4  
YOUR NOTICE REQUIRED.

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

OTHER REQUIRED APPROVALS  
Fire Dept. \_\_\_\_\_  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name \_\_\_\_\_

*[Signature]* 7/28/06  
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: 06-1047	Issue Date: <b>PERMIT ISSUED</b> JUL 28 2006	CBL: 136 E005001
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Location of Construction: 880 FOREST AVE	Owner Name: DIOCESAN BUREAU OF HOUSI	Owner Address: 880 FOREST AVE	Phone: 
Business Name:	Contractor Name: Simplex / Grinnell	Contractor Address: 20 Thomas Drive Westbrook	Phone: 2078426440
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone:

Past Use: Commercial	Proposed Use: Commercial - Install Kitchen Hood fire suppression system w/new system	Permit Fee: \$50.00	Cost of Work: \$2,043.00	CEO District: 4
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Proposed Project Description: Install Kitchen Hood fire suppression system w/new system	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied TO NFPA 96	INSPECTION: Use Group <i>NA</i> Type: <i>2/21/06</i> Signature: <i>Greg Cass</i>	Signature: <i>[Signature]</i> PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____
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Permit Taken By: Idobson	Date Applied For: 07/18/2006	<b>Zoning Approval</b>		
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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 late: _____	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 Date: _____
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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



# General 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.

880			1/2		
Total Square Footage of Proposed Structure			Square Footage of Lot		
Tax Assessor's Chart, Block & Lot		Owner:		Telephone:	
Chart#	Block#	Lot#			
136	E	5			
DEERING PAVILLION 880 FOREST AVE PORTLAND, ME 04103			20 THOMAS DR. WEST BROOK, ME 04092 207-842-6440		Fee: \$ 50 C of O Fee: \$
Current Specific use: _____					
If vacant, what was the previous use? _____					
Proposed Specific use: _____					
Project description: REPLACING KITCHEN HOOD FIRE SUPPRESSION SYSTEM WITH A NEW SYSTEM PER UL300, NFPA 17A + NFPA 96					
Contractor's name, address & telephone: (SAME AS ABOVE)					
Who should we contact when the permit is ready: BRIAN HOFFMAN					
Mailing address: (SAME AS ABOVE) Phone: 207-482-2336					

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

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), 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.

Signature of applicant:	Date: July 18, 06
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**This is not a permit; you may not commence ANY work until the permit is issued.**

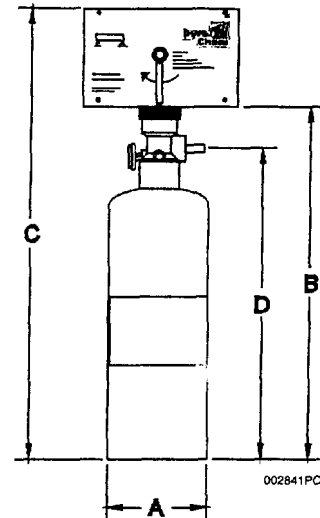
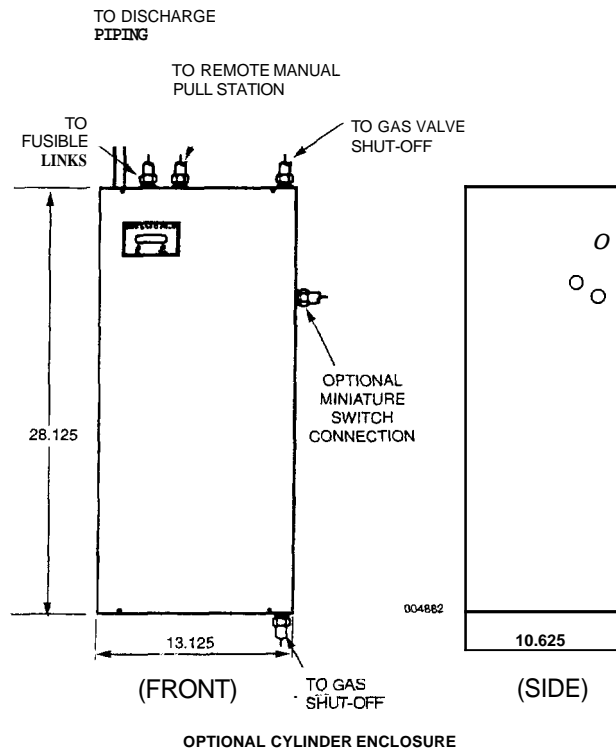
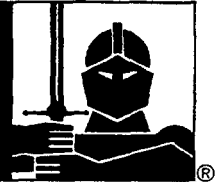
SimplexGrinnell  
20 Thomas Dr.  
Westbrook, ME 04092  
Tel: 207-842-6440

## CERTIFICATE OF INSTALLATION

Customer Address	<b>Deering Pavillion</b> 880 Forest Ave. Portland, ME 04103
Property inspected	(same)
Hazard location	6'-4" long kitchen hood
System location	Cylinder wall-mounted approximately 3' from the front right corner of the hood.
System Type	Pyro-Chem model PCL300, UL300 wet chemical per NFPA 17A & 96
System size	3-gallon (1 cylinder)
Remarks	<p>A. System includes: (1) 3-gallon cylinder, (7) discharge nozzles, (2) fusible link detectors, (1) pull station and (1) mechanical gas shutoff valve (under the rear left corner of the hood).</p> <p>B. System nozzles include: (1) 1H nozzle for the plenum, (2) 2D nozzles for the exhaust duct and (4) 1L nozzles for the (2) 4-burner ranges.</p> <p>C. The system micro-switches are connected to the Simplex main building fire alarm panel for an alarm signal.</p>
Installation date	July, 2006
Next inspection due	Semi-annual: Jan. 2007, July. 2007 etc.
Installed by	Installation/inspection by Stan Haycock and Joe Maxfield

# Data/ 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
PCL-160	7.00	119.62	25.37	117.31	5	33 lbs.	MB-15
PCL-300	8.00	25.06	30.81	22.75	13	53 lbs.	MB-15
PCL-460	10.00	25.06	30.81	22.75	15	83 lbs.	MB-15
PCLSOO	10.00	35.81	41.56	33.50	20	108 lbs.	MB-1

### FEATURES

- UL and ULC Approved
- Complies with NFPA Standard 17A and 96
- Meets the requirements of the Building Officials and Code Administrators (BOCA)
- Approved by the City of New York Material and Equipment Acceptance Division (MEA)

### GENERAL

The KITCHENKNIGHT® 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 KITCHENKNIGHT 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).



Tyco Safety Products  
One Stanton Street  
Marinette, WI 54143

PYRO-CHEM is a trademark of Tyco International Services AG or its affiliates.

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 06-1047	<b>Date Applied For:</b> 07/18/2006	<b>CBL:</b> 136 E005001
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<b>Location of Construction:</b> 880 FOREST AVE	<b>Owner Name:</b> DIOCESAN BUREAU OF HOUSI	<b>Owner Address:</b> 880 FOREST AVE	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Simplex / Grinnell	<b>Contractor Address:</b> 20 Thomas Drive Westbrook	<b>Phone</b> (207) 842-6440
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Hood Systems, Commerical	

<b>Proposed Use:</b> Commercial - Install Kitchen Hood fire suppression system w/new system	<b>Proposed Project Description:</b> Install Kitchen Hood fire suppression system w/new system
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**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Mike Nugent      **Approval Date:** 07/21/2006

**Note:**      **Ok to Issue:**

1) Fire extinguishing system only

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Cptn Greg Cass      **Approval Date:** 07/19/2006

**Note:**      **Ok to Issue:**

1) Install shall comply with NFPA 96