

CITY OF WINSTON-SALEM FIRE DEPARTMENT



Chief Trey Mayo

Learning Objectives

- 1. High-level WSFD overview**
- 2. America's fire problem**
- 3. Polyester as a quality-of-life enhancement**
- 4. How to remove the oily film from inside your windshield**
- 5. What ever will I do?**

WSFD at a Glance

Five branches:

- **Administration**
- **Fire & Life Safety**
- **Logistics**
- **Operations**
- **Safety, Training & Special Operations**

WSFD at a Glance

- **Administration**
 - **Visioning / goal setting**
 - **Planning**
 - **Accreditation**
 - **Budgeting**
 - **Community outreach**
 - **Human resources**
 - **Payroll**

WSFD at a Glance

- **Fire & Life Safety**
 - **Fire marshal**
 - **Deputy fire marshal**
 - **Fire & life safety educator**
 - **3 plan reviewers**
 - **4 fire inspectors**
 - **10 fire investigators**

WSFD at a Glance

- **Logistics**
 - **Station & apparatus design, construction, maintenance**
 - **Equipment maintenance & repair**
 - **+/- 800 sets of turnout gear**
 - **196 SCBA & 462 air bottles**
 - **370 radios**
 - **+/- 350 small engines**
 - **77,616 feet of hose**

WSFD at a Glance

- **Operations**
 - **339 personnel**
 - **19 fire stations + Fire Station 13**
 - **24 apparatus**
 - **18 engines**
 - **5 ladders**
 - **1 heavy rescue**
 - **12 chief officers**
 - **3 safety officers**

WSFD at a Glance

- **Safety, Training & Special Operations**
 - **OSHA & NFPA compliance**
 - **Emergency medical program**
 - **Continuing education**
 - **Recruitment, hiring, promotions**
 - **Fire academy**
 - **Hazardous materials, water, rope, confined space, trench, collapsed-structure rescue**









WELLS FARGO

WELCOME TO



HOME OF THE

HEAVY RESCUE
CITY OF WINSTON-SALEM

Arbor Rd.

R-1

*Prevent lost best lives -
Start by your team!*



Arbor Rd.

R-3

CITY OF
WINSTON-SALEM

WINSTON-SALEM FIRE DEPARTMENT
TECHNICAL RESCUE

cityofwsfire.org

Prevent kitchen fires -
Never leave cooking unattended!











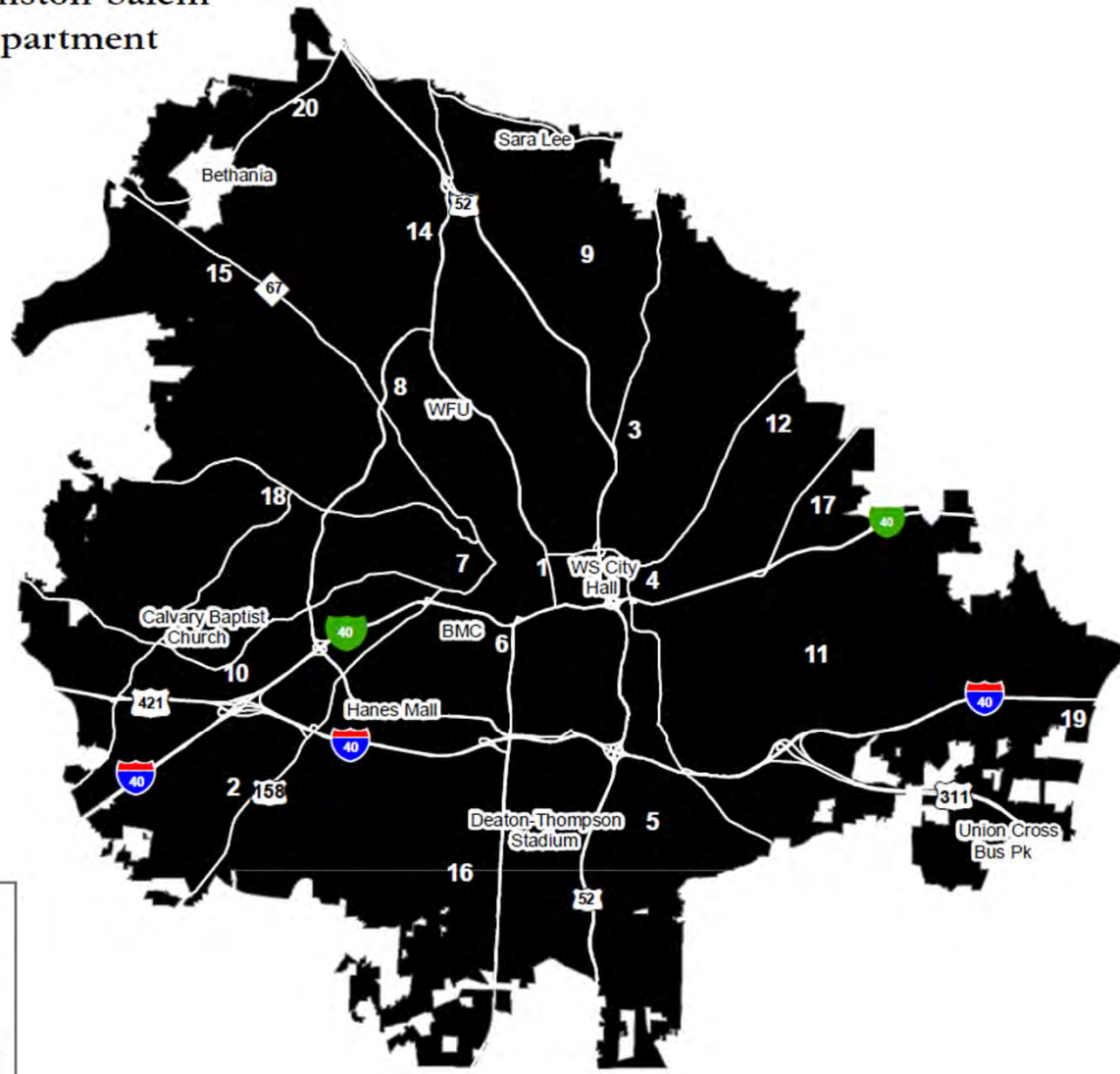
www.wsfm.org
FIRE
SPECIAL RESPONSE UNIT
DIAL 911
"Our of Excellence"

WATER RESCUE
WINSTON-SALEM
NORTH CAROLINA
WINSTON-SALEM
WINSTON-SALEM FIRE DEPARTMENT





City of Winston-Salem Fire Department



Map Created February 09, 2018

Miles
0 0.5 1 1.5 2

Data Source:
City of Winston-Salem Fire Department,
MapForsyth

MapForsyth
City South Services & Information (2012)

Helmet Camera Program





America's Fire Problem

America's Fire Problem

- **10th highest death rate among industrialized nations**
- **Fire every 24 seconds**
- **79% of fires and fire deaths occur in the home**

Fires, Fire Deaths, Fire Loss (2010-2019)

- **Fires ↓ 3.2%**
- **Injuries ↓ 12.5%**
- **Deaths ↑ 24.1%**
- **Dollar loss ↑ 74.5% (adjusted)**

Top Ignition Sources (2019)

- **Cooking (62%)**
- **Heating (15%)**
- **Carelessness (13%)**
- **Electrical (5%)**

**“America’s fire problem
is in the home.”**

-National Fire Protection Association

**“America’s fire problem
is inversely proportional
to socioeconomic status.”**

-US Fire Administration

**“America’s fire problem
is that there aren’t
enough volunteer
firefighters.”**

-National Volunteer Fire Council

**“America’s fire problem
is that there aren’t
enough career
firefighters.”**

-International Association of FFs

**“America’s fire problem
is that the model
building codes don’t
require residential
fire sprinklers.”**

-National Fire Sprinkler Coalition

**“America’s fire problem
is that there isn’t enough
Federal funding for fire
departments.”**

-Congressional Fire Services Institute

**“America’s fire problem
is that Americans
don’t fear fire.”**

-Fire Chief Trey Mayo





www.louisvillefireprotection.com

866-336-3473

Louisville Fire & Safety

A Division Of Louisville Fire Protection, LLC



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StoveTop FireStop Rangehood
Part # 675-3D

Only \$47.00 per pair



StoveTop FireStop Microhood
Part #s 677-1 / 677-2

Only \$67.90 per pair



Coupon Code: WSFD

THE MODERN FIRE ENVIRONMENT

CONTENTS OF YOUR HOME
Circa 1970

















WHAT HAPPENED?



NAFTA

NORTH AMERICAN FREE
TRADE AGREEMENT











UNDER ARMOUR®

CONTENTS OF YOUR HOME
Circa 1995 to present

hy·dro·car·bon (noun)

hīdrə'kərbən/

A compound of hydrogen and carbon, such as any of those that are the chief components of petroleum and natural gas.

Plastics

High-Density Polyethylene (HDPE)

(furniture, storage containers, housewrap, plastic bags & bottles, lumber)



Polyvinyl Chloride (PVC)

(pipng, vinyl siding, window frames, flooring, clothing)



Polypropylene

(roofing, furniture, bottles, packing materials, clothing)



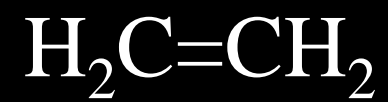
Nylon



Polyester



Vinyl



Polyurethane



Gasoline

Isooctane



Butane



4-Ethyltoluene



Methyl tert-butyl ether



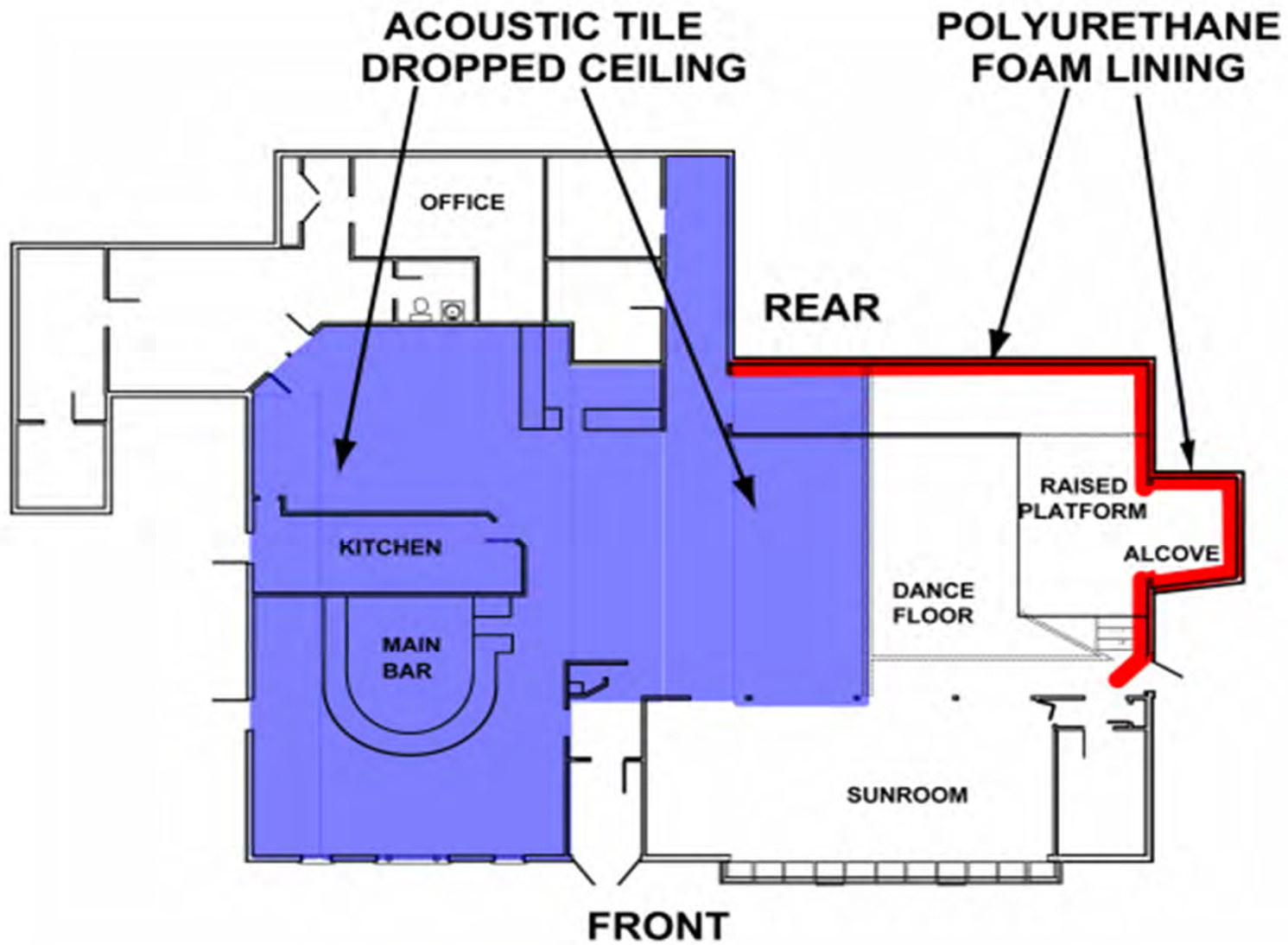
Polyurethane

















STABILITY REMOVED

REFER TO OWNER'S MANUAL FOR OPERATING INSTRUCTIONS

DO NOT PAINT

PUSH TO RUST

PUSH TO TEST WHEEL

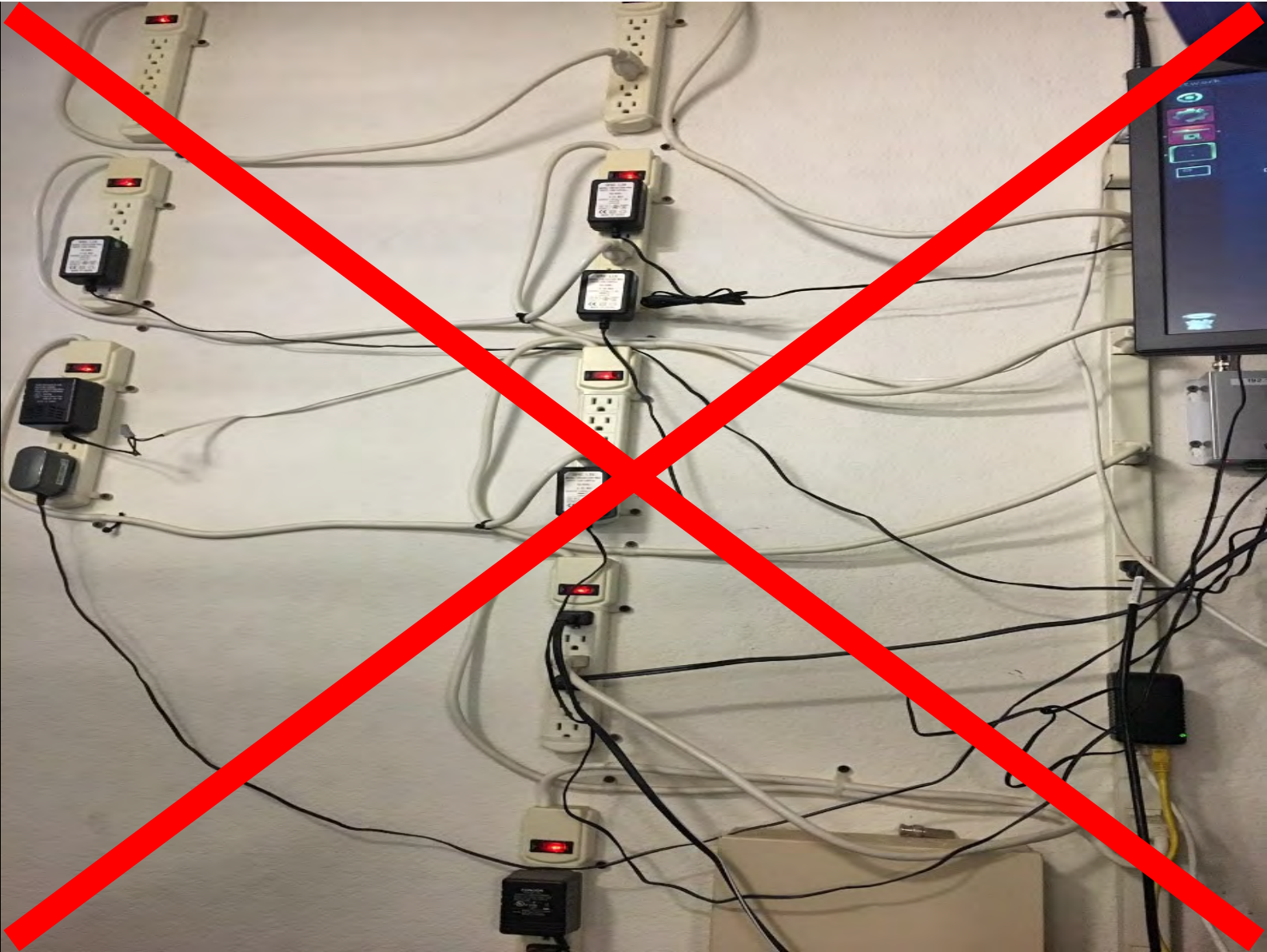
SIDE TO OPEN DOOR











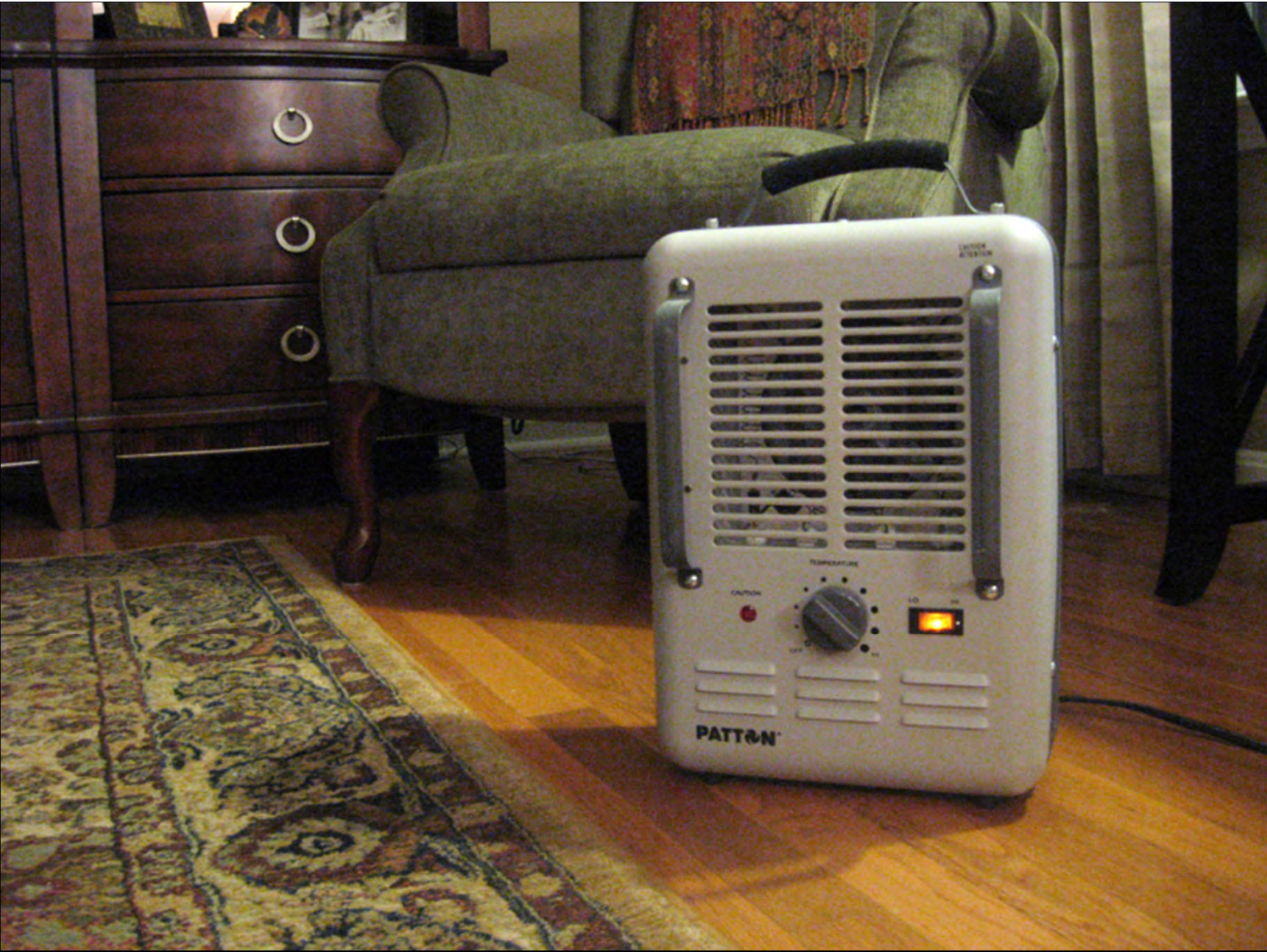






uel safety, storage and disposal tips









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Instagram:
cityofwfire