Facility Fire Safety & Construction

Helping you maintain a safe environment
FFS&C Basics

- The Building & Operations
  - Five Principles of Protection
  - Life Safety Code
  - IDAPA rules
  - Local Code Requirements
  - Planning/Drills
  - Policies
FFS&C Basics

- **Ignition Control (annual maintenance)**
  - **Fuel Fired Heating and Appliances**
    - Includes boilers, furnaces, hot water, fireplaces, stoves, any Gas, Propane, Wood or Oil fired equipment.
  - **Candles and Open Flames Prohibited**
  - **Space Heaters Prohibited**
  - **Smoking Policy – Enforcement/Control**
  - **Incendiary Control**
FFS&C Basics

- Limit Fire Growth
  - Quantity of Fuels (Minimize)
  - Types of Fuels (Flammable Liquids)
  - Arrangement of Fuels (Decorative Materials)
  - Provide Barriers (Walls, Doors)
FFS&C Basics

- Occupant Protection Methods
  - Alarm to Cause Evacuation (Fire Alarm/Detection)
  - Evacuation Routes (Closest Safe Route)
  - Safe Exit Destination (Meeting Place)
  - Accountability (Who’s Missing?)
FFS&C Basics

- Detection & Suppression Methods
  - Early Warning Detection (smoke detection)
  - Reliable Alarm (testing & maintenance)
  - Automatic Suppression Systems (testing & maintenance)
  - Manual Suppression (fire extinguishers)
FFS&C Basics

- Planning & Training Methods
  - Staff Training & Education
  - Resident Training & Education
  - Plan Emergency Procedures
  - Exercises & Drills
FFS&C Basics

  - Small 3 – 16 beds Chapter 32 New Residential B&C
  - Small 3 – 16 beds Chapter 33 Existing Residential B&C
  - Large 17 beds or more Chapter 18 New Health Care
  - Large 17 beds or more Chapter 19 Existing Health Care
  - Multiple Story (regardless of beds) Chapter 18 or 19
FFS&C Basics

- IDAPA Rules 16.03.22.
  - Pertinent sections
    - 154 Emergency Preparedness Plan
    - 161 Smoking Policy
    - 250 Bldg Construction & Physical Standards
    - 400 Life Safety Code
    - 405 Additional Fire & Life Safety
    - 410 Emergency Preparedness & Drills
    - 415 Maintenance of Equipment & Systems
FFS&C Basics

- The Systems
  - Fire Alarm/Smoke Detection (Monthly Test-Annual Maint.)
  - Sprinkler Systems (Quarterly Inspection – Annual Testing)
  - Fire Extinguishers (Monthly Inspection -Annual Maint.)
  - Resident Call System (recommend monthly)
  - Exit Signs and Emergency Lighting (Monthly/Annual Testing)
FFS&C Basics

- Local Codes and Ordinances
  - The facility must be in compliance with all local codes.
  - Zoning cannot be restricted for facilities licensed for 8 beds or fewer. (IC 67-6530 – 6532)
  - When codes conflict both must be met.
FFS&C Basics

- **Planning & Drills**
  - Plan for Fire Evacuation
    - Small RALF
    - Large RALF
  - Plan for Disaster
    - All Hazards (Fire-Flood-Wind-Weather-Earthquake-Hazardous Materials-Terrorism-Etc)
    - Relocation Agreement (recommend multiple)
    - Fire Drills = 1 per shift per quarter
FFS&C Basics

- Policies
  - Smoking
  - Fire Watch
  - Incident/Fire Report
  - Not capable of self-evacuation – unsprinklered bldg.
FFS&C Basics

- Common Citations
  - Structure, Maintenance & Equipment (92)
  - Maintenance Fuel Fired Heating (47)
  - Electrical Installations & Equipment (45)
  - Fire Drills (37)
  - Extension Cords (36)
  - Life Safety Code – Large Existing RALF (31)
  - Maintenance of Life Safety Equipment (26)
    - Smoke Detection (17) Fire Ext. (14)
  - Relocation Agreement (13)
Credit to Spokesman Review and Tom Davenport; CDA Press and Jason Hunt
DON’T STAND UP!
WHEN YOU’RE HOT YOU’RE HOT
THE END