



# COLORADO

Department of  
Labor and Employment

Division of Oil and Public Safety

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811 Commission



We Protect the Public and the Environment

## Division of Oil and Public Safety (OPS)

The Division of Oil and Public Safety regulates those who own or operate amusement rides and devices, commercial boilers, conveyances (elevators and escalators) and retail fueling facilities and those who are permitted to use high explosives.

# Conveyance Program

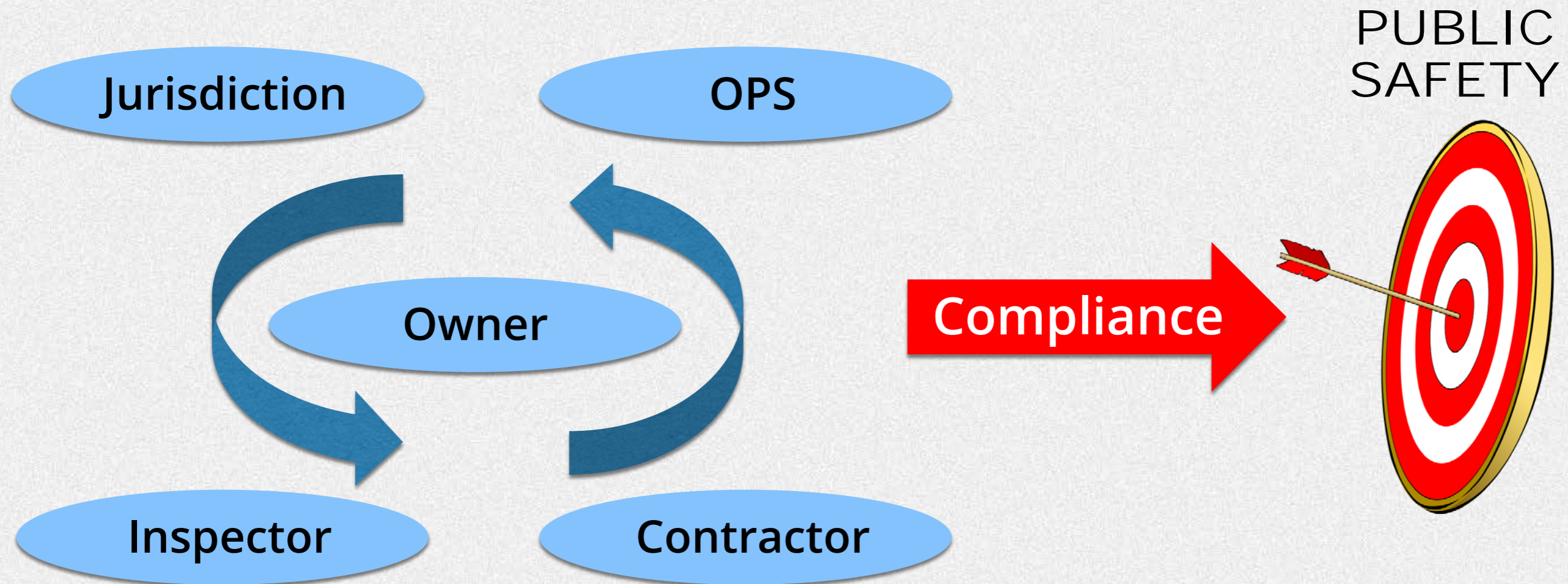


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Conveyance Program  
Outreach  
Division of Oil and Public  
Safety



# Communication and Education



# Presentation Overview

- My responsibilities as a conveyance owner
- BREAK -
- Enforcement
- Proposed changes in Regulation
- Stakeholder comments



# My Responsibilities as a Conveyance Owner

- Regulated conveyances
- Conveyance location
- Registration
- Website features
- Certificate of Operation
- Inspection and testing



# Conveyances Regulated by OPS

- Elevator
- Escalator
- Moving-walk



# Conveyances Regulated by OPS

- Platform lifts (wheelchair lifts)
- Dumbwaiters
- Some material lifts



# Conveyances NOT regulated by OPS

- Stairway chair lifts
- Conveyances in single-family homes or multi-family homes where the conveyance serves only one residence



# Conveyances NOT regulated by OPS

## Special Purpose Personnel Elevators

- **Unless** accessible to the general public (i.e., tours)



# Conveyance Location

- Delegation of Authority to local jurisdictions (Authority Having Jurisdiction [AHJ])
- Memorandum of Agreement (MOA)
- OPS regulations are minimum standard
- Registration and industry licensing remain with OPS
- Periodic collaboration events with OPS
- Staff, contracted or independent inspectors



# Conveyance Jurisdictions in Colorado

Approved AHJ	Territory	Inspection Entity	% of Conveyances
OPS	Territory not covered by other AHJs	3 <sup>rd</sup> Party	38
Denver Fire Dept.	Denver County	3 <sup>rd</sup> Party	31
18 Cities or counties in front range	City, town or county limits	Contracted or Staff	12
Northwest Colorado Council of Govts.	40 cities, towns and counties	Staff	9
Pikes Peak Regional Building Dept.	El Paso County	Staff	8
Pueblo Regional Building Dept.	Pueblo County	Staff	2



# Website

- Resources and forms
- Owner Guidance
- Public Portal – view the database
- On-line payments

[www.Colorado.gov/OPS](http://www.Colorado.gov/OPS)



# Basic Compliance

- Registration
  - To OPS **regardless** of location
  - One-time
  - Prior to placing conveyance in service
- Certificate of Operation issued by jurisdiction
  - Inspection
  - Testing



# Inspecting versus Testing

- What is an inspection?
- What is a test?
- Testing and witnessing schedule

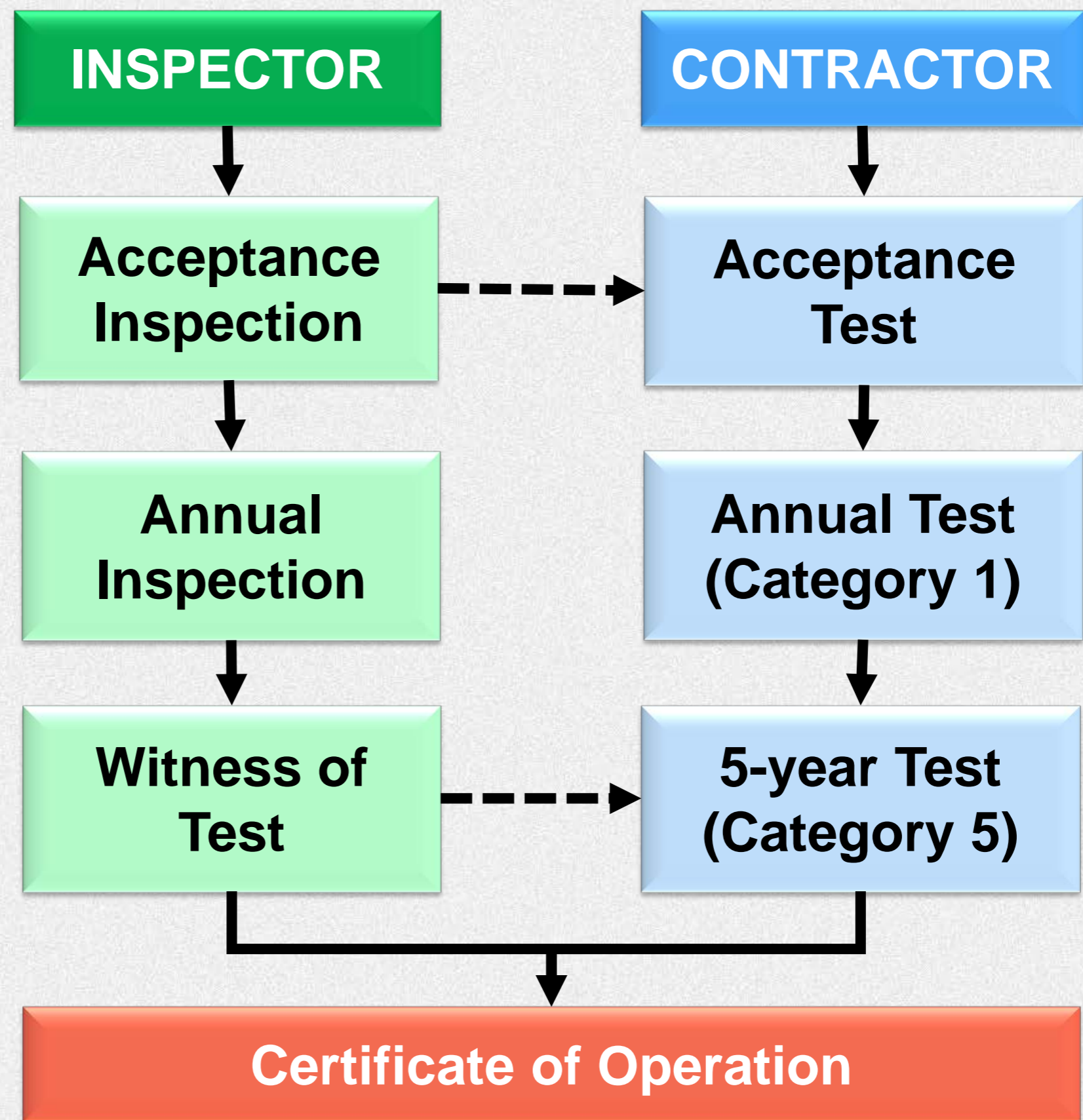


# What is an Inspection?

- Acceptance Inspection
- Annual (Periodic) Inspection



# Elevator Inspection & Testing



# Acceptance Inspection

- Initial inspection following a new installation or alteration
- Inspector inspects and witnesses acceptance tests conducted by the contractor (mechanic)
- No violations on a new installation
- Violations = TCO on an alteration



# Annual (Periodic) Inspection

- OPS sends email notification 60 days prior to expiration
- Inspection conducted up to 60 days prior to Certificate of Operation expiration
- Inspector may pass the inspection even if minor or more significant violations are found
- Local jurisdiction (Approved AHJ) dictates reporting of the inspection and issuance of certificate of operation



# Inspection Process

- Inspectors utilize ASME A17.2 (latest edition) as guidance
- **Inside of car** – phone, lighting, door, etc.
- **Machine room** – hoist machine, controller, etc.
- **Top of car and hoistway** (shaft) – stopping devices, emergency exit, clearances, counterweights, MRL equip, etc.
- **Outside the hoistway** – power closing of doors, standby power, etc.
- **Pit** (bottom of hoistway) – access, lighting, clearances, etc.
- **Firefighters' service or emergency operations**
- **MCP**



# Maintenance Control Program

- General Requirements
- On-site Documentation
- Maintenance Records



# Helping You Succeed

- **Don't delay...send it today!**
  - When you receive your passing inspection report from your inspector (even with violations), submit the report to OPS
- **Don't forget to pay the invoice**
  - Separate email than the CO
  - Due within 60 days from the issuance of CO



# Helping You Succeed

- **Inspectors work for you!**
  - They are licensed through the state but are not state employees
  - Require them to communicate with your maintenance provider (contractor) regarding the scheduling of testing
  - Inspection reports must be copied to the Maintenance Control Program (MCP)

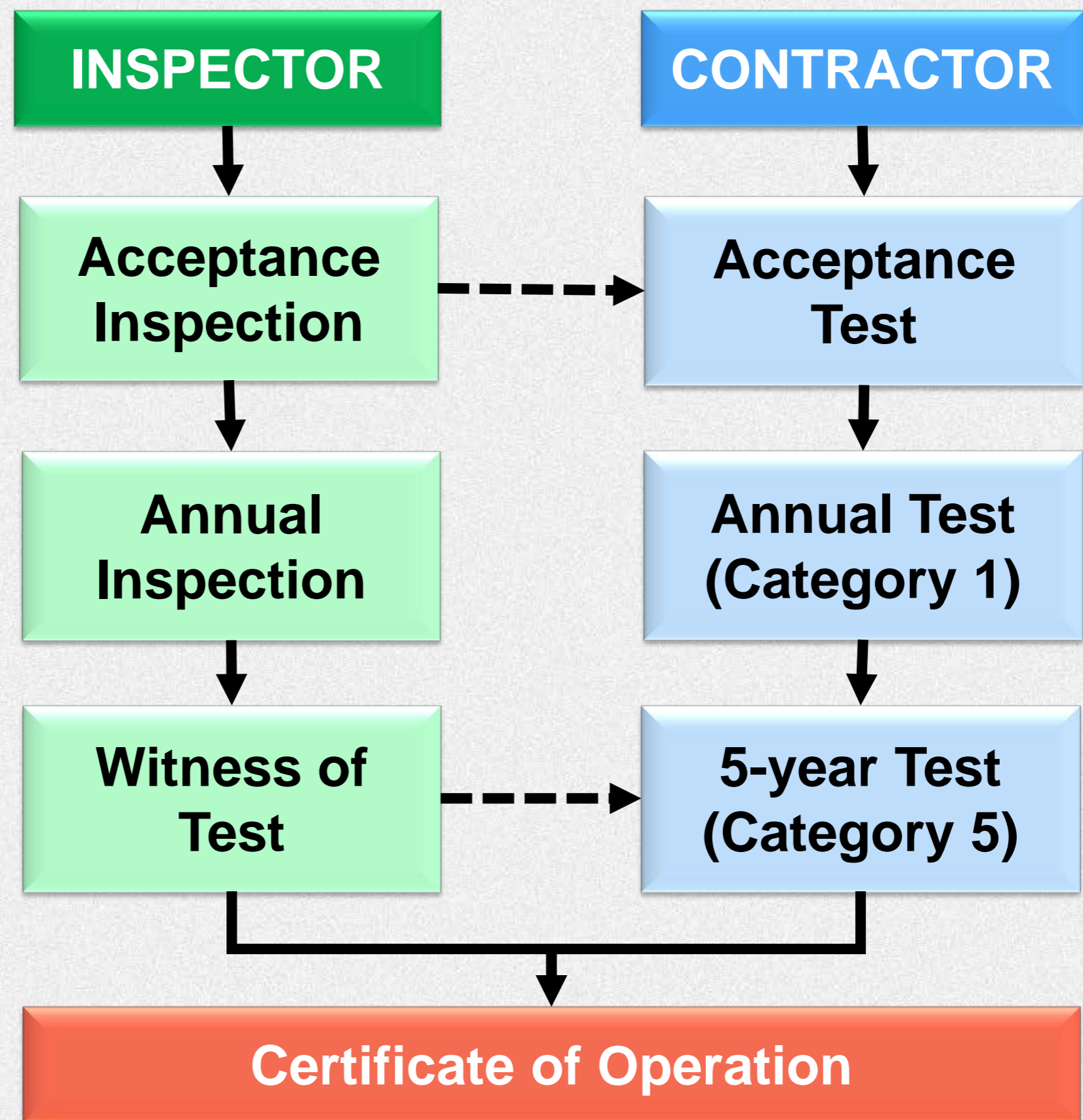


# What is a test?

- Acceptance test
- Periodic tests (normally annual and 5-year)
- Metal tags attached to equipment and reports describing activities kept onsite in the MCP
- Annual test is completed up to 120 days before CO expires and during or before the annual inspection
- Proposed revisions include annual and 5-year testing in proximity to inspection



# Elevator Inspection & Testing

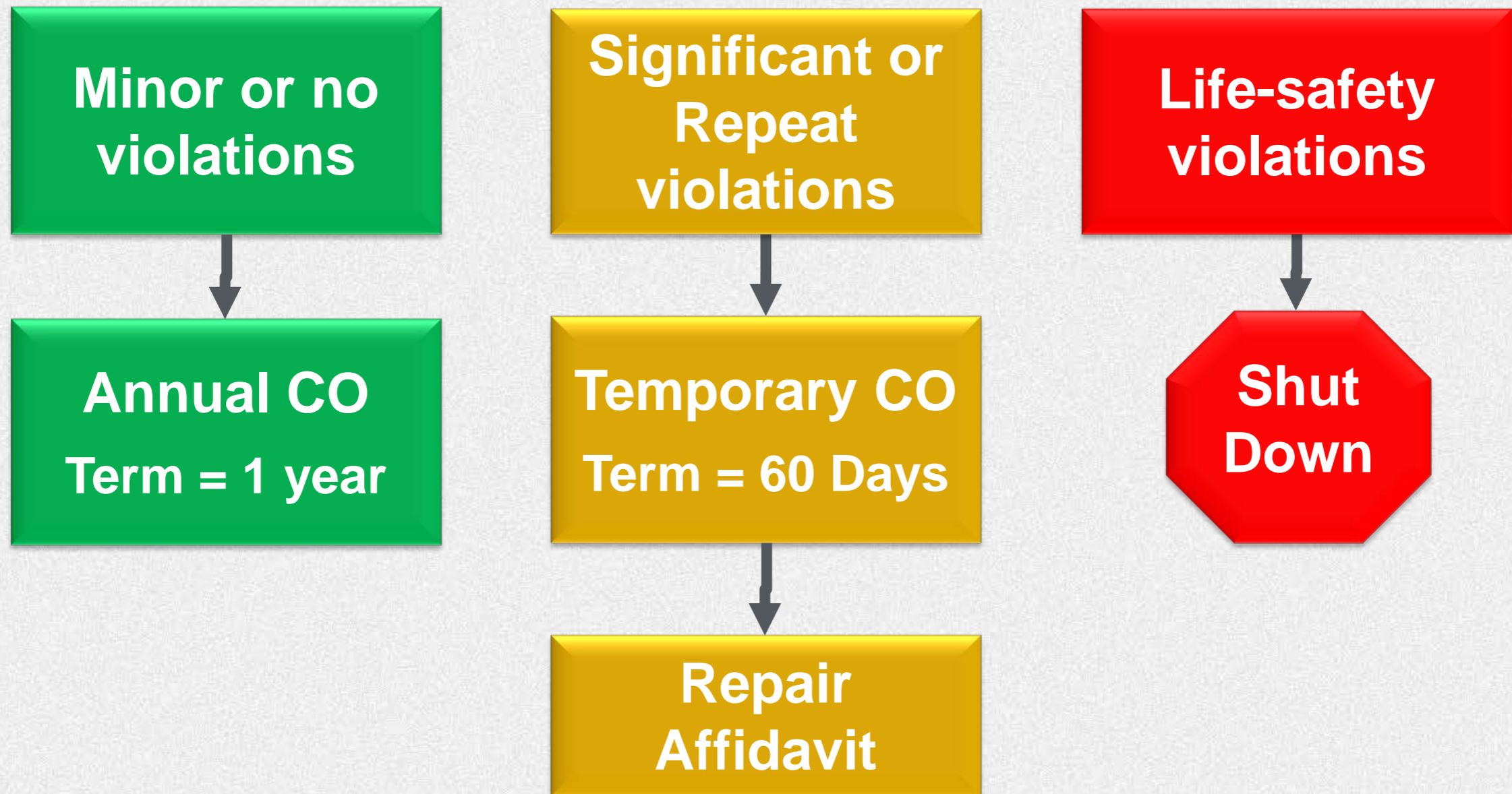


# Frequencies of Testing and Witnessing

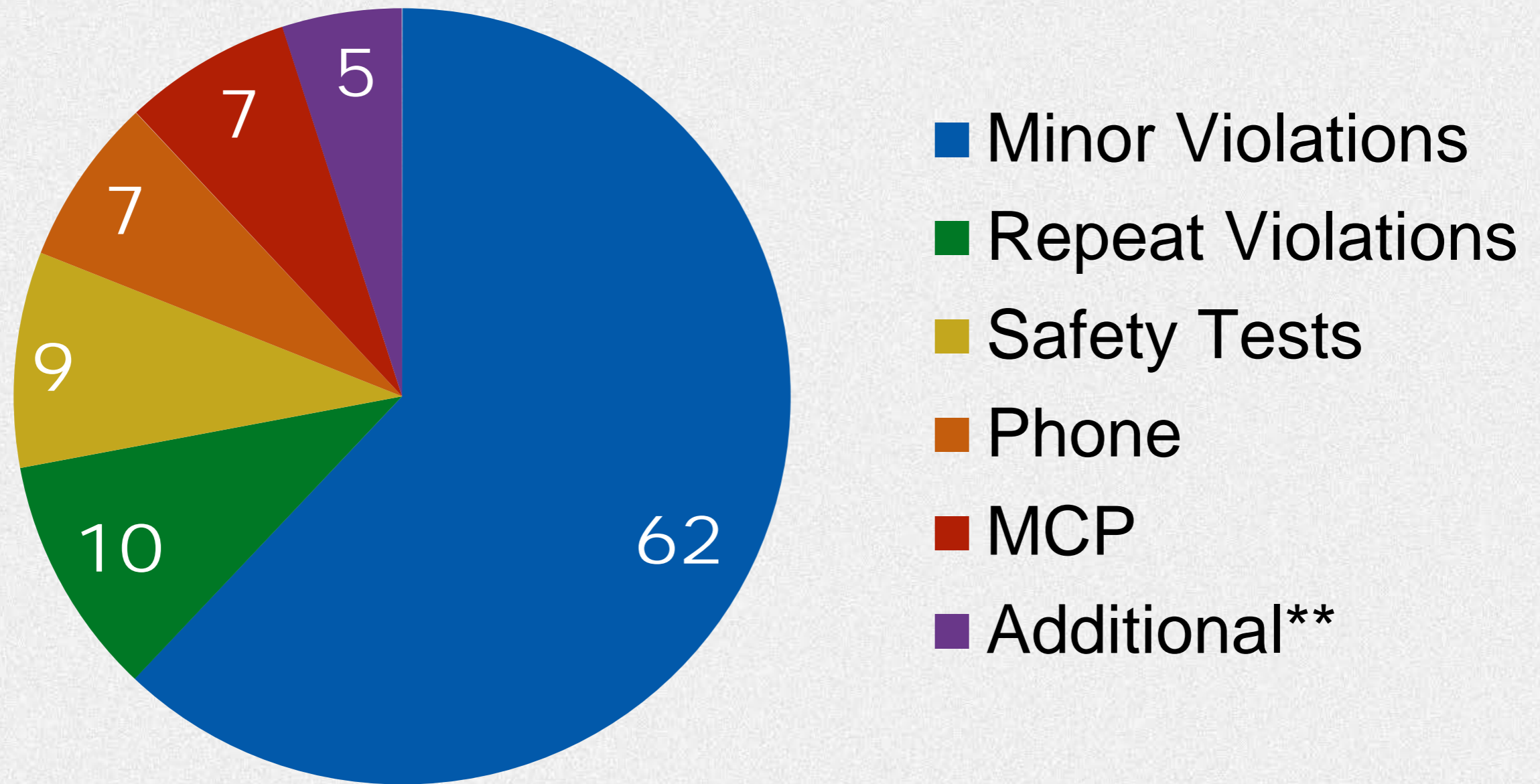
Conveyance Type	Perform	Witness?	Perform	Witness?
Traction Elevators	Annually	No	5 years	Yes
Hydraulic Elevators	Annually	No	5 years	Yes
Escalators	Annually	Yes	---	---
Dumbwaiters	5 years	No	---	---
Indoor Platform Lifts	5 years	Yes	---	---
Outdoor Platform Lifts	3 years	No	6 years	Yes



# Inspection + Test = Certificate of Operation



# Violations Identified at Inspection (2018)



**\*\*Door Restrictor, Fire Service Op and Keys not available**



**Who is responsible for submitting the inspection report to OPS?**

**As a Conveyance Owner, who do I hire to complete required conveyance TESTING?**



# Accident

- Any accident involving a conveyance that caused or could have caused injury should be investigated by owner
- Reporting required = Accident involving a conveyance that caused an injury
- Injury = An injury that results in death or requires medical treatment (other than first aid) administered by a physician or registered professional under the standing orders of a physician...*[description of medical treatment]*



# Accident Reporting

- Owner reports accident with injury to OPS or approved jurisdiction within 24 hours (form on website)
- Owner's contractor or inspector determines if the accident was caused by a malfunction of equipment
  - If no malfunction, equipment is allowed to operate
  - If malfunction, equipment is shut down, issue verified, repaired, then inspected for CO issuance
- Accident report is submitted to OPS or approved jurisdiction



# Question and Answer Session



KEYS TO COMPLIANCE  
COLORADO DIVISION OF OIL & PUBLIC SAFETY

# BREAK



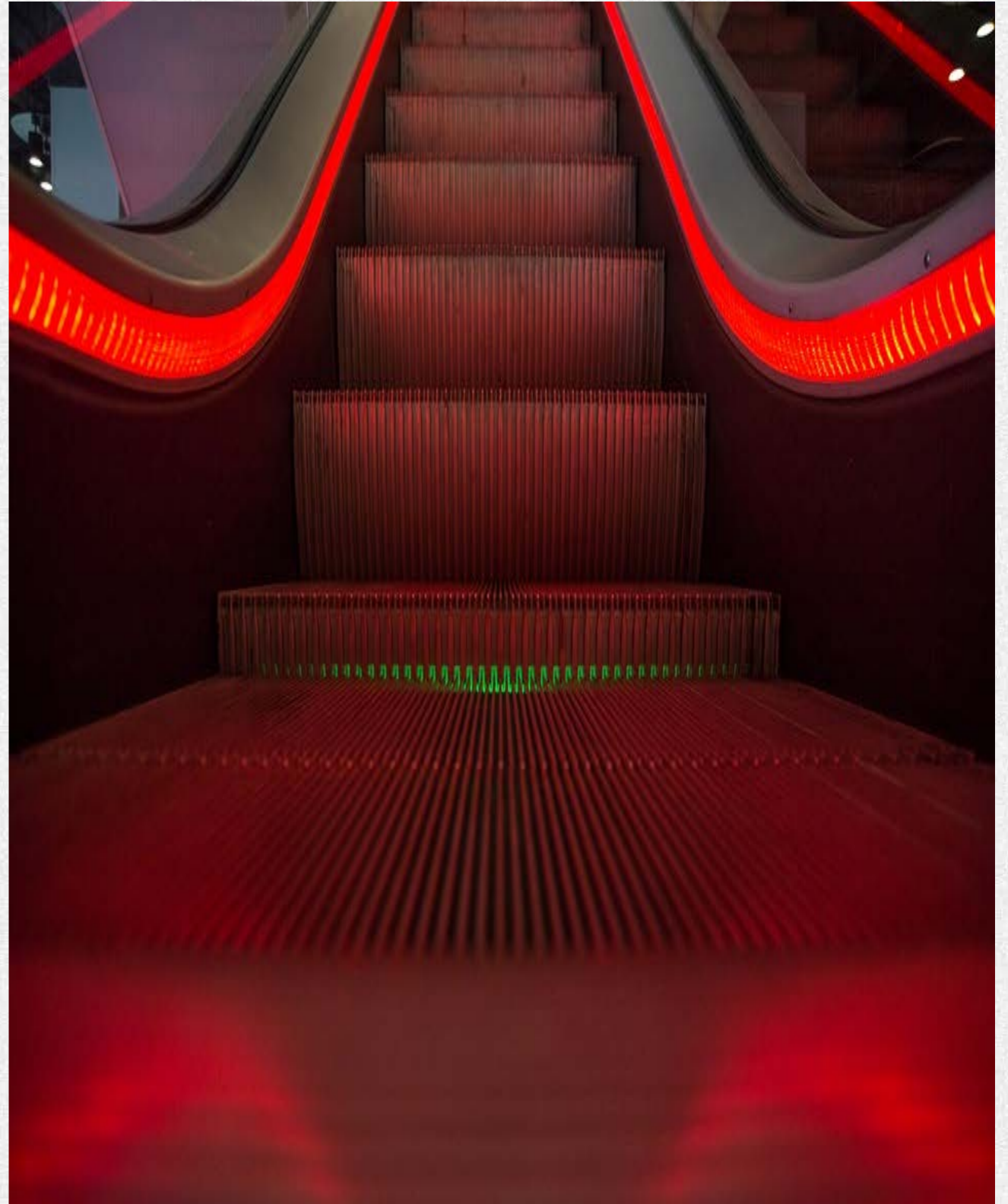
# Other Items

- Enforcement
- Regulation revisions
- Stakeholder Comments



# Enforcement

## Conveyances



# Enforcement Process



# So, You received a Notice of Violation...

- Usually caused by a delinquent inspection report and/or payment (operation without a current CO)
- Read the Notice of Violation letter and call the OPS team member listed on the letter
- Submit the required information:
  - Inspection Report and/or fee payment
  - Repair affidavit



# Enforcement Order (EO)

- Notice of Violation not resolved, with little or no communication taking place
- No reasonable progress being made to resolve violations
- Contact information may not have been updated with OPS
- Fines up to \$1,000 per violation, for each day of violation



# Informal Conference

- May be requested ANYTIME
- Very informal
- Can be conducted by phone or in person
- All involved and interested parties invited
- Usually will result in a Settlement Agreement



# Who's the Responsible Party?

Ultimately, it is the conveyance owner

Property management representative as responsible party

Notification to OPS of change of ownership and/or responsible person (website form)



**What percentage of conveyances had the inspection done or the violations corrected prior to the expiration of the certificate?**

- A. 20%**
- B. 40%**
- C. 60%**
- D. 80%**



# Compliance Trends – Colorado Conveyances

Date	Compliance %
12/31/2009	60%
12/30/2016	90%
12/31/2017	88%
12/31/2018	92%
3/29/2019	93%



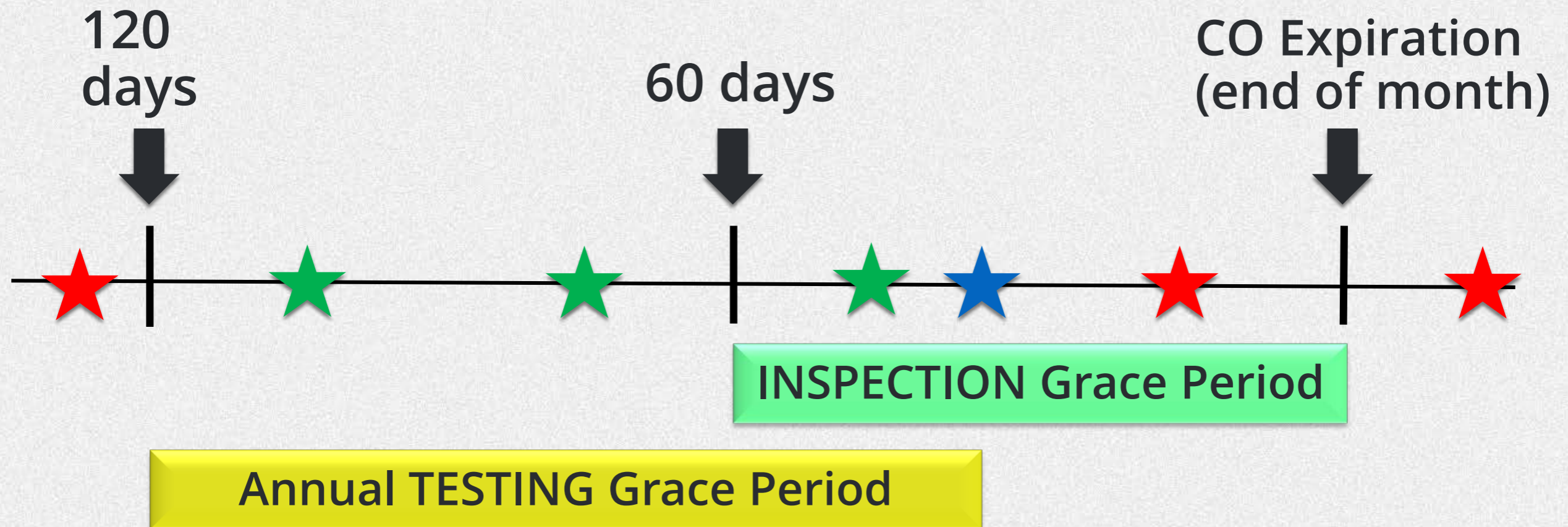
# Regulation Changes

- Testing and Inspection Timing
- Who can enter an elevator hoistway?



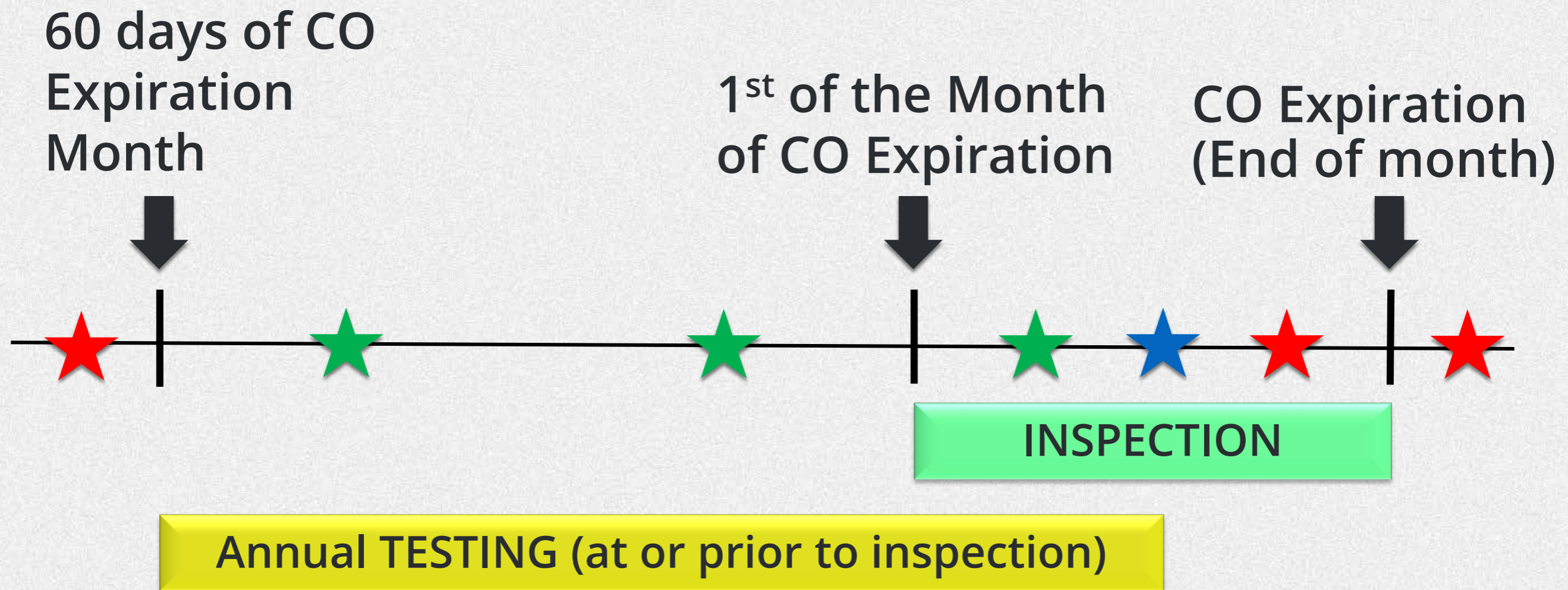
# Annual Testing vs. Inspection (Eff. 1-1-2019)

- ★ = Test Not OK
- ★ = Test OK
- ★ = Actual inspection



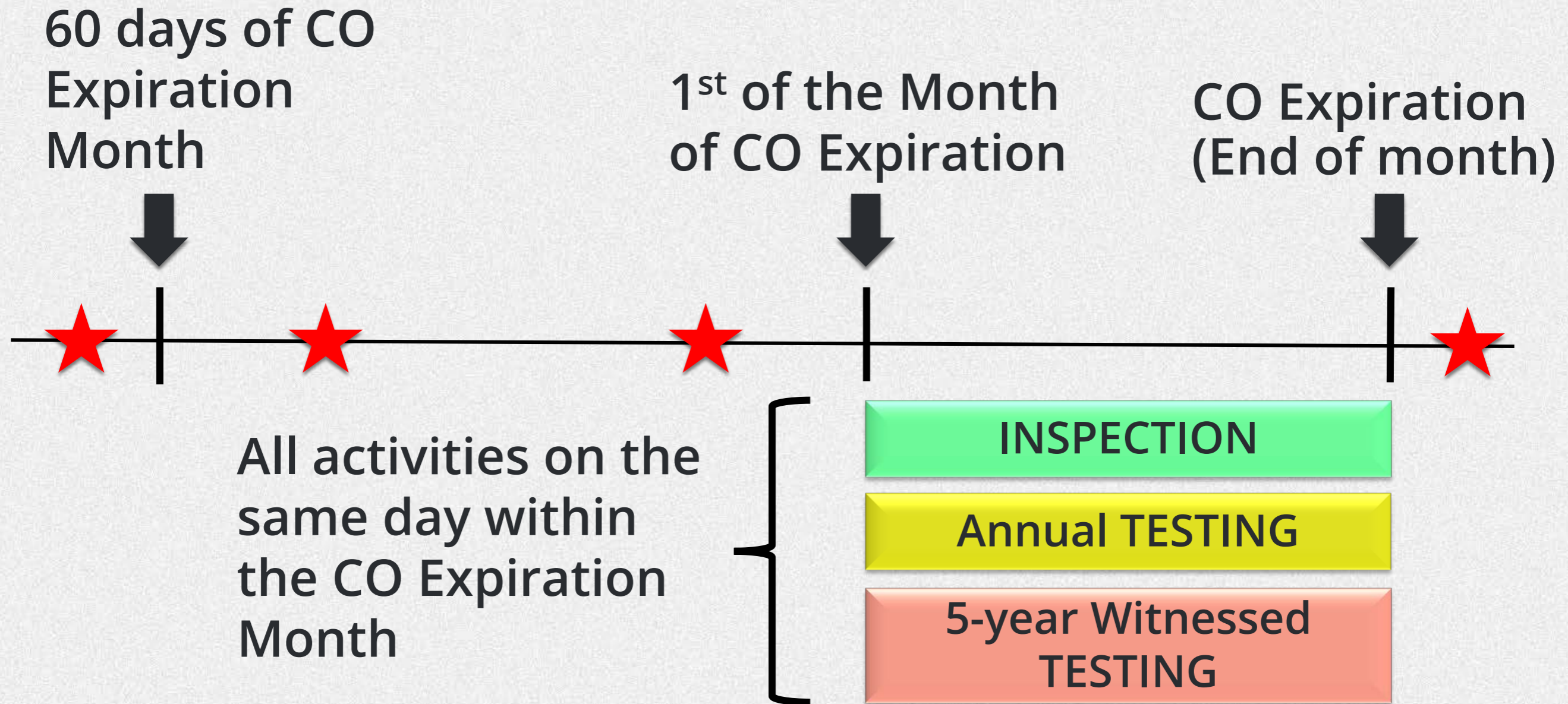
# Annual Testing vs. Inspection (Eff. 1-1-2021)

- ★ = Test Not OK
- ★ = Test OK
- ★ = Actual inspection



# 5-year Testing vs. Inspection (Eff. 1-1-2021)

★ = Test or Inspection Not OK



# Who's in the "Hoistway?"

1. OPS Personnel
2. Licensed-Inspector or Mechanic
3. Persons performing **other work**
  - Authorized (facility) personnel designated in the MCP as emergency personnel
  - Emergency personnel (i.e. firefighters)
  - Persons under the supervision of a Mechanic or Inspector
  - Persons trained by Conveyance Contractor with notification to OPS



# Question and Answer Session



KEYS TO COMPLIANCE  
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