



170 IAC Basics

INDIANA UTILITY REGULATORY COMMISSION

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Overview

- About the IURC
- Source for Minimum Pipeline Safety Standards
- Application of the Code



THE IURC



REGULATORY AUTHORITY

Administrative agency that hears evidence in cases and makes decisions based on the evidence.

Required to be impartial and make decisions in the public interest to ensure regulated utilities provide safe and reliable service at just and reasonable rates.

Made of up a dedicated and well-educated professional staff, with diverse skill sets, including accounting, finance, economics, engineering and law.



THE COMMISSIONERS



Andy Zay
Commissioner



Bob Deig
Commissioner



Anthony Swinger
Commission Chair



David Veleta
Commissioner



David Ziegner
Commissioner

IURC Pipeline Safety Division

- 14 pipeline professionals with over 130 years of combined experience
- Pipeline safety engineers enforce federal and state pipeline safety standards
- In addition, the Pipeline Safety Division is responsible for investigating possible violations of the Indiana 811 law.
- Historically, the Division conducts around 900 inspections days of about 89 pipeline operators each year.

Bob Starkey

Chris Krin

Mike Hummel

Brady Frantz

Aaron Holeman

James Skomp

Miranda Chandler

RJ Snyder

Josh Newton

Nick Lendy

Jason Phelps



The background of the slide features a photograph of the Indiana State Capitol dome, a large green copper dome with a white stone base, set against a vibrant sunset sky with orange and yellow clouds. A large, semi-transparent white circle is overlaid on the left side of the image, framing the dome. Another large, semi-transparent purple circle is in the upper right corner. A solid blue horizontal band spans the width of the slide, containing the title text.

SOURCES OF PIPELINE SAFETY LAW



Pipeline Safety Laws

Federal

49 CFR 40, 191, 192,
193, 194, 195, 199

State

170 IAC 5-3

- State law incorporates the federal codes, above.
- State law adds additional requirements in addition to the federal code.

How does incorporation work in practice?

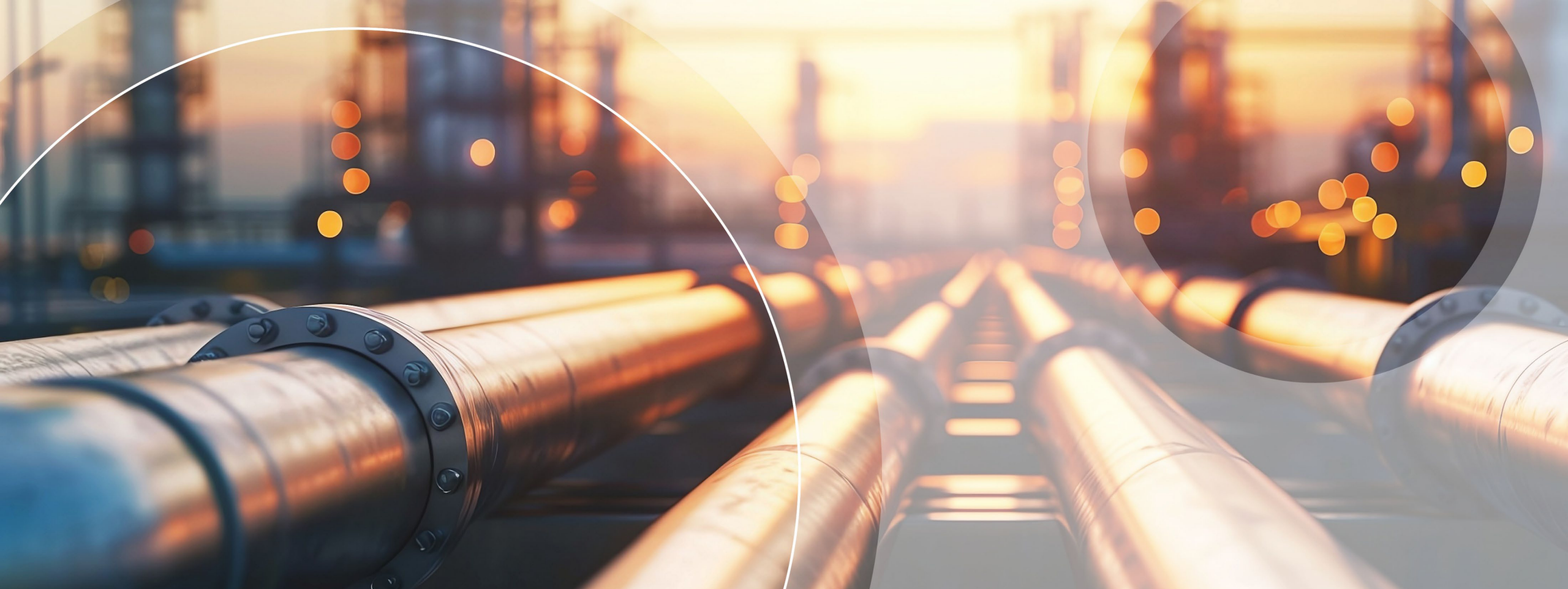
- State regulations can *change the wording* of the federal codes

49 CFR 192.201(c)	170 IAC 5-3-2(b)
(c) Relief valves or other pressure limiting devices must be installed at or near each regulator station in a low-pressure distribution system, with a capacity to limit the maximum pressure in the main to a pressure that will not exceed the safe operating pressure for any connected and properly adjusted gas utilization equipment.	(b) 49 CFR 192.201(c) is revised to read as follows: (c) Relief valves or automatic shutoff devices must be installed at or near each regulator station in a low-pressure distributions system, with a capacity to limit the maximum pressure in the main to a pressure that will not exceed the safe operating pressure for any connected and properly adjusted gas utilization equipment.

How does incorporation work in practice?

- State regulations can *add new sections* of the federal codes

49 CFR 192.201	170 IAC 5-3-2(c)
(2) In pipelines other than a low pressure distribution system: (i) If the maximum allowable operating pressure is 60 p.s.i. (414 kPa) gage or more, the pressure may not exceed the maximum allowable operating pressure plus 10 percent, or the pressure that produces a hoop stress of 75 percent of SMYS, whichever is lower; (ii) If the maximum allowable operating pressure is 12 p.s.i. (83 kPa) gage or more, but less than 60 p.s.i. (414 kPa) gage, the pressure may not exceed the maximum allowable operating pressure plus 6 p.s.i. (41 kPa) gage; or (iii) If the maximum allowable operating pressure is less than 12 p.s.i. (83 kPa) gage, the pressure may not exceed the maximum allowable operating pressure plus 50 percent.	(b) 49 CFR 192.201 is augmented to include an additional paragraph (a)(2)(iv) to read as follows: (a)(2)(iv) At a minimum have a device installed that would notify the operator or the public of a malfunction.

A photograph of industrial pipes in a factory setting, with warm bokeh lights in the background. The image is partially covered by a blue banner at the bottom.

HOW PSD INTERPRETS NEW IAC REGULATIONS



What the Regulation Says

170 IAC 5-3-2(q)

(q) 49 CFR 192.616 (Public Awareness) is augmented to include an additional paragraph (i) to read as follows:

"(i) The operator's public awareness program shall include, at a minimum, a plan to directly contact appropriate government organizations and emergency responders at least once every four years for organizations that have not affirmatively attended group public awareness meetings at least once every four years."

What is PSD Looking for

170 IAC 5-3-2(q) 49 CFR 192.616 (Public Awareness)

Make contact

Make Contact

Make Contact



What the Regulation Says

- 170 IAC 5-3-2(r) Leak surveys: 49 CFR [192.723](#) (Distribution Systems: Leakage Surveys and Procedures) is revised to read as follows:
 - “(e) All leaks reported, regardless of the origin of the reports, shall be recorded on suitable report forms. These report forms must provide space for all pertinent information. Each leak reported shall be accounted for, and actions taken in response to leaks shall be documented and filed in a systematic manner.
 - (1) All leaks reported shall be investigated promptly and classified in accordance with procedures outlined in the operator's operations and maintenance plan. The procedures shall include acceptable response times and shall ensure that gas leakage that is hazardous to life or property shall receive immediate attention for repairs.
 - (2) Leak indications where repairs are not completed shall be rechecked on subsequent surveys, depending on the operator's classification and in accordance with the operator's procedures.”

What is PSD Looking for

170 IAC 5-3-2(r) – Leak Documents



Documentation should include:

Document where you bar-holed
Document what readings you found
Document Grade

Documenting even 0% readings may save you in the long run

What the Regulation Says

170 IAC 5-3-4(a) reports to the batphone.

(a) An operator shall notify the division by telephone at the division's emergency contact number posted on the commission's website as soon as practicable but not to exceed one (1) hour following discovery of the following:

(3) Other significant events, including, but not limited to, situations involving:

(A) traditional media attention during the event;

(B) high profile locations as defined by the

operator in writing;

(C) evacuations:

(i) of twenty (20) or more people;

(ii) ordered by public safety personnel onsite;

(iii) requested by an operator onsite; or

(iv) of a school, hospital, or health care facility;



What is PSD Looking for

170 IAC 5-3-4(a) – Mandatory Reporting

What We Want	What We Don't Want
School evacuations	Evacuated one house due to a damage
Major Road closures	Closed less than 100 feet of a dead-end road due to a hit line
Numerous Odor Calls	Planned Road Closures
Fatalities where gas may be mentioned	
Fires/Explosions where gas may be mentioned	
Significant Events	

What the Regulation Says

170 IAC 5-3-2.1 Maps and records



(b) An operator that does not utilize geographic information systems (GIS) or electronic maps shall, at a minimum, review its maps and records once each calendar year at intervals not exceeding fifteen (15) months. Documentation shall be made available or review by the division.

(c) An operator that utilizes GIS or electronic maps shall reflect changes to the maps on an **on-going** basis. An operator shall maintain documentation of electronic updates that occur within their GIS.

What is PSD Looking for

170 IAC 5-3-2.1 Maps and records

Show that you are consistently updating your maps.

Paper maps – once a year

Digital maps – 3 months



What the Regulation Says

170 IAC 5-5-2.1 Notice of inability to provide locate information

(a) The notice under [IC 8-1-26-18\(k\)](#) shall be an oral, written, or electronic contact with the person responsible for the excavation or demolition. The operator shall make a written record, contemporaneously at the time of the contact, containing at a minimum:

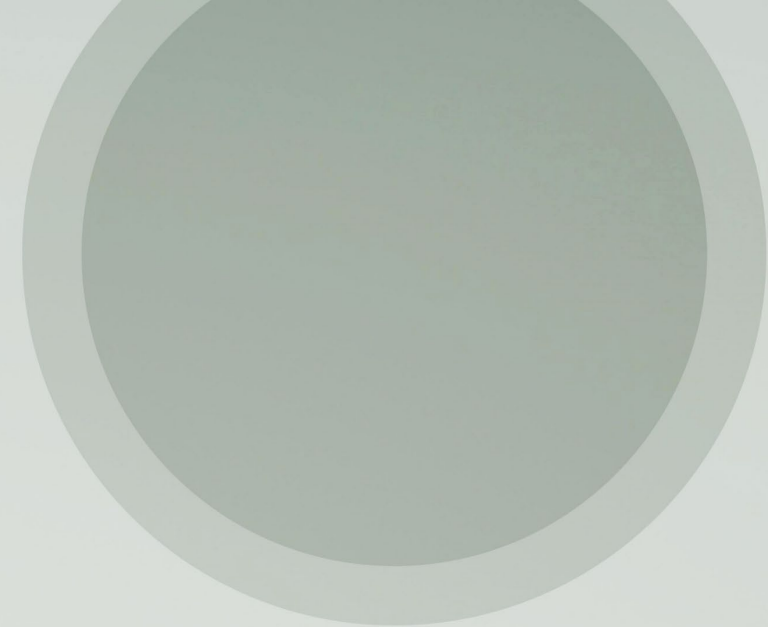
- (1) the date, time, and manner of the communication;
- (2) the name of all individuals that participated in the communication; and
- (3) the new date by which the operator will provide the location information as required by [IC 8-1-26-18](#).

What is PSD Looking for

170 IAC 5-5-2.1 Notice of inability to provide locate information



Documentation provided for every reschedule on every damage case



QUESTIONS





THANK YOU



INDIANA UTILITY REGULATORY COMMISSION

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