



Pipeline and Hazardous
Materials Safety Administration

Office of Training
and Qualifications

California

Office of the State Fire Marshall Pipeline Safety Workshop

49 CFR 195

Regulations , Retroactive and Non- Retroactive Parts



AGENDA

- INTRODUCTION
 - RETROACTIVE SUBPARTS
 - **applying to past:** relating or applying to things that have happened in the past as well as the present retroactive pay increases
 - NON-RETROACTIVE SUBPARTS
 - ADVISORY BULLETINS
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RETROACTIVE SUBPARTS

- Subpart A – **General**
 - §195.0 Scope.
 - §195.1 Which pipelines are covered by this part?
 - §195.2 Definitions.
 - §195.3 Incorporation by reference
 - §195.4 Compatibility necessary for transportation of hazardous liquids or carbon dioxide.
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RETROACTIVE SUBPARTS

- §195.5 Conversion to service subject to this part.
 - §195.6 Unusually Sensitive Areas (USAs)
 - §195.8 Transportation of hazardous liquid or carbon dioxide in pipelines constructed with other than steel pipe.
 - §195.9 Outer continental shelf pipelines
 - §195.10 Responsibility of operator for compliance with this part.
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RETROACTIVE SUBPARTS

- §195.11 What is a regulated rural gathering line and what requirements apply?
 - §195.12 What requirements apply to low-stress pipelines in rural areas?
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RETROACTIVE SUBPARTS

- **Subpart B – Reporting and SRC's**
 - 195.48 Scope
 - 195.49 Annual report
 - 195.50 Reporting accidents.
 - 195.52 Telephonic notice of certain accidents.
 - 195.54 Accident reports.
 - 195.55 Reporting safety-related conditions.
 - 195.56 Filing safety-related condition reports.
 - 195.57 Filing offshore pipeline condition reports.
 - 195.58 Addressee for written reports.
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RETROACTIVE SUBPARTS

- 195.59 Abandonment or deactivation of facilities.
 - 195.60 Operator assistance in investigation.
 - 195.62 Supplies of accident report DOT Form 7000-1.
 - 195.63 OMB control number assigned to information collection.
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RETROACTIVE SUBPARTS

- Subpart F – **Operations and Maintenance**
 - 195.400 Scope.
 - 195.401 General requirements.
 - 195.402 Procedural manual for operations, maintenance, and emergencies.
 - 195.403 Training.
 - 195.404 Maps and Records.
 - 195.405 Protection against ignitions and safe access/egress involving floating roofs
 - 195.406 Maximum operating pressure.
 - 195.408 Communications.
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RETROACTIVE SUBPARTS

- 195.410 Line markers.
 - 195.412 Inspection of rights-of-way and crossings under navigable waters.
 - 195.413 Underwater inspection and reburial of pipelines in the Gulf of Mexico and its inlets.
 - 195.414 Removed
 - 195.420 Valve maintenance.
 - 195.422 Pipeline repairs.
 - 195.424 Pipe movement.
 - 195.426 Scraper and sphere facilities.
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RETROACTIVE SUBPARTS

- 195.428 Overpressure safety devices and overflow protection systems
 - 195.430 Firefighting equipment.
 - 195.432 Breakout tanks.
 - 195.434 Signs.
 - 195.436 Security of facilities.
 - 195.438 Smoking or open flames.
 - 195.440 Public awareness
 - 195.442 Damage Prevention Program
 - 195.444 CPM leak detection.
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RETROACTIVE SUBPARTS

- 195.446 Control room management.
- 195.450 High Consequence Areas - Definitions
- 195.452 Pipeline integrity management in high consequence areas





RETROACTIVE SUBPARTS

- Subpart H – **Corrosion Control**
 - 195.551 What do the regulations in this subpart cover?
 - 195.553 What special definitions apply to this subpart?
 - 195.555 What are the qualifications for supervisors?
 - 195.557 Which pipelines must have coating for external corrosion control?
 - 195.559 What coating material may I use for external corrosion control?
 - 195.561 When must I inspect pipe coating used for external corrosion control?
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RETROACTIVE SUBPARTS

- 195.563 Which pipelines must have cathodic protection?
 - 195.565 How do I install cathodic protection on breakout tanks?
 - 195.567 Which pipelines must have test leads and how do I install and maintain the leads?
 - 195.569 Do I have to examine exposed portions of buried pipelines?
 - 195.571 What criteria must I use to determine the adequacy of cathodic protection?
 - 195.573 What must I do to monitor external corrosion control?
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RETROACTIVE SUBPARTS

- 195.573 What must I do to monitor external corrosion control?
 - 195.575 Which facilities must I electrically isolate and what inspections, tests, and safeguards are required?
 - 195.577 What must I do to alleviate interference currents?
 - 195.579 What must I do to mitigate internal corrosion?
 - 195.581 Which pipelines must I protect against atmospheric corrosion and what coating material may I use?
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RETROACTIVE SUBPARTS

- 195.583 What must I do to monitor atmospheric corrosion control?
 - 195.585 What must I do to correct corroded pipe?
 - 195.587 What methods are available to determine the strength of corroded pipe?
 - 195.588 What standards apply to direct assessment?
 - 195.589 What corrosion control information do I have to maintain?
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Non-Retroactive Subparts

- Subpart C – **Design Requirements**
 - 195.100 Scope.
 - 195.101 Qualifying metallic components other than pipe.
 - 195.102 Design temperature.
 - 195.104 Variations in pressure.
 - 195.106 Internal design pressure.
 - 195.108 External pressure.
 - 195.110 External loads.
 - 195.111 Fracture propagation.
 - 195.112 New pipe.
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Non-Retroactive Subparts

- 195.114 Used pipe.
 - 195.116 Valves.
 - 195.118 Fittings.
 - 195.120 Passage of internal inspection devices.
 - 195.122 Fabricated branch connections.
 - 195.124 Closures.
 - 195.126 Flange connection.
 - 195.128 Station piping.
 - 195.130 Fabricated assemblies.
 - 195.132 Aboveground breakout tanks.
 - 195.134 CPM leak detection
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Non-Retroactive Subparts

- Subpart D – **Construction**
 - 195.200 Scope.
 - 195.202 Compliance with specifications or standards.
 - 195.204 Inspection - General.
 - 195.205 Repair, alteration and reconstruction of aboveground breakout tanks that have been in service
 - 195.206 Material inspection.
 - 195.208 Welding of supports and braces.
 - 195.210 Pipeline location.
 - 195.212 Bending of pipe.
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Non-Retroactive Subparts

- 195.212 Bending of pipe.
 - 195.214 Welding procedures
 - 195.216 Welding: Miter joints.
 - 195.222 Welders: Qualification of welders.
 - 195.224 Welding: Weather.
 - 195.226 Welding: Arc burns.
 - 195.228 Welds and welding inspection: Standards of acceptability.
 - 195.230 Welds: Repair or removal of defects.
 - 195.234 Welds: Nondestructive testing.
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Non-Retroactive Subparts

- 195.246 Installation of pipe in a ditch.
 - 195.248 Cover over buried pipeline.
 - 195.250 Clearance between pipe and underground structures.
 - 195.252 Backfilling.
 - 195.254 Above ground components.
 - 195.256 Crossing of railroads and highways.
 - 195.258 Valves: General.
 - 195.260 Valves: Location.
 - 195.262 Pumping equipment.
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Non-Retroactive Subparts

- 195.264 Above ground breakout tanks.
- 195.266 Construction records.





Non-Retroactive Subparts

- Subpart E – **Pressure Testing**
 - 195.300 Scope.
 - 195.302 General requirements.
 - 195.303 Risk-based alternative to pressure testing older hazardous liquid and carbon dioxide pipelines.
 - 195.304 Test pressure.
 - 195.305 Testing of components.
 - 195.306 Test medium.
 - 195.307 Pressure testing aboveground breakout tanks
 - 195.308 Testing of tie-ins.
 - 195.310 Records.
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Non-Retroactive Subparts

- **Subpart G – Operator Qualification**
 - 195.501 Scope.
 - 195.503 Definitions
 - 195.505 Qualification Program
 - 195.507 Recordkeeping
 - 195.509 General
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