

The background of the slide features a wooden table with architectural blueprints spread across it. A pair of wooden compasses is positioned on the left side of the table, drawing a circle on the paper. The blueprints show various room layouts and technical drawings. The text is overlaid on this scene.

2013 Colorado Air Quality Control Commission Regulation Changes

**Colorado Air Quality Regional Collaboration
Meeting #6**

January 2, 2013

**Lisa Clarke, Colorado Air Pollution Control
Division**

5/30/2013

Outline

- **Regulations to be Revised**
- **Conceptual Summaries**
- **Rule Descriptions**
- **Statutory Authority**
- **Who is Affected**
- **Goals**
- **Fiscal Impact**
- **Schedule**

Regulations to be Revised

- **AQCC Regulation Number 3**
 - **Stationary Source Permitting and Air Pollutant Emission Notice Requirements**
- **AQCC Regulation Number 6**
 - **Standards of Performance for New Stationary Sources**
- **AQCC Regulation Number 7**
 - **Control of Ozone via Ozone Precursors (Emissions of Volatile Organic Compounds and Nitrogen Oxides)**
- **AQCC Common Provisions**

Conceptual Summary

- **Group of related revisions**
- **All revisions connected to controls for oil and gas operations and equipments**
- **Additional revisions:**
 - **Regulation 3: Air Pollutant Emission Notices (APENs) and permitting – WILL APPLY TO ALL STATIONARY SOURCES**
- **Rulemaking will have formal stakeholder process**
- **All interested parties invited to participate**

Regulation 3 Potential Revision Description

- **Increase Air Pollutant Emission Notice Reporting (APEN) Threshold**
 - **Part A, II.B.3.**
- **Increase Permitting Thresholds**
 - **Part B, II.D.2. and II.D.3. and II.D.4.**
- **Change catchall provisions – remove requirement for sources subject to either a New Source Performance Standard (NSPS) or National Emission Standards for Hazardous Air Pollutant (NESHAP) to file an APEN and/or obtain a permit regardless of emissions**
 - **Part B, II.A. and II.D.**
- **Would change which sources are required to file an APEN and/or obtain a construction permit**
- **Would not exempt a source from applicable NSPS or NESHAP requirements**

Regulation 3 Revisions

- **Simplify method for determining emission reporting levels for non-criteria reportable pollutants (combination of federal and state hazardous air pollutants)**
 - **Part A, Appendix A**
- **Will make procedure for determining non-criteria reportable pollutant de minimus levels easier in determining whether an individual emission point is required to file an APEN**
- **Remove crude oil storage tank exemptions**
 - **Part B.II.D.1.n. and Part C, II.E.3.ddd.**
- **Will change which tanks are required to submit an APEN and/or obtain a permit**
- **Emissions from crude oil storage tanks can be significant and have an impact on air quality that is not negligible**

Regulation 6 Revisions

- **Incorporate specific federal NSPS for natural gas wells (“NSPS 0000”)**
- **Will streamline compliance process for affected sources**
- **Will include adoption of well completion requirements in NSPS 0000**
- **August 16, 2012 – EPA published “0000”**
- **Rule establishes standards for oil and gas operations not covered by existing state standards**
- **Includes VOC emissions from gas wells, centrifugal compressors, reciprocating compressors, pneumatic controllers, and storage vessels**

Regulation 7 Revisions

- **Regulation 7 includes requirements for sources that emit VOCs and NOx both statewide and in any ozone nonattainment area**
- **NSPS 0000 has set requirements that in some cases are more extensive and in others less extensive than existing standards in Reg. 7**

Regulation 7 Revisions

- **Considering enhancing condensate tank control requirements**
- **Considering addressing differences and overlaps with NSPS 0000 as incorporated into Regulation 6 (Part A)**
- **Also considering establishing controls and requirements for oil and natural gas wells (and potentially other equipment) that exceed individual requirements in NSPS 0000 or Regulation 7 currently**

Common Provisions

- **Revising or removal of definitions, including (but not limited to) “condensate” and “crude” that may conflict with definitions found in NSPS 0000 and Regulation 7.**

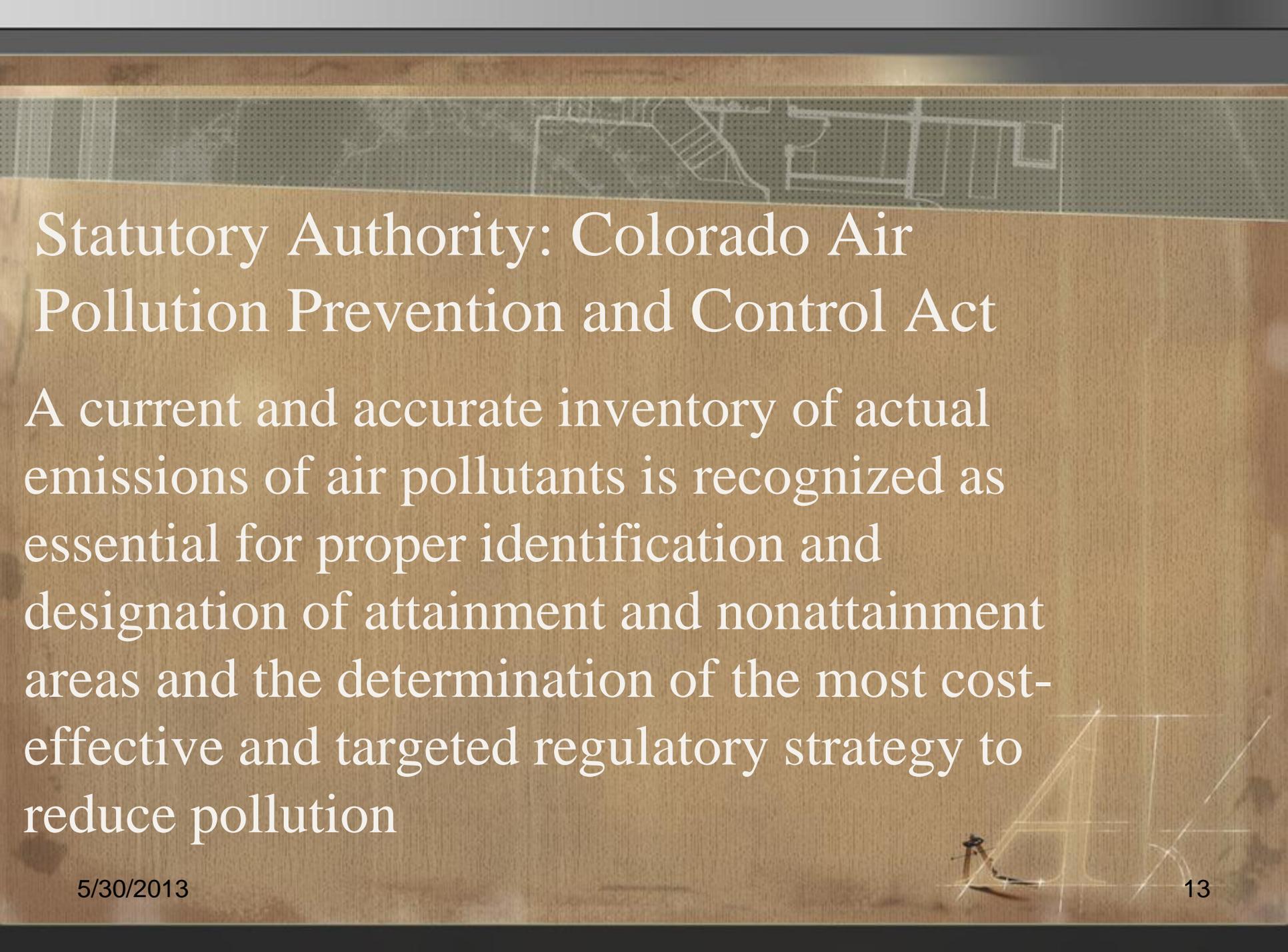
Statutory Authority: Colorado Air Pollution Prevention and Control Act

It is Colorado's policy to achieve maximum practical degree of air purity in every portion of the state, to attain and maintain the National Ambient Air Quality Standards (NAAQS) and to prevent significant deterioration of air quality in areas where the air quality is better than the NAAQS.



Statutory Authority: Colorado Air Pollution Prevention and Control Act

Require the use of all available practical methods which technologically feasible and economically reasonable so as to reduce, prevent, and control air pollution



Statutory Authority: Colorado Air Pollution Prevention and Control Act

A current and accurate inventory of actual emissions of air pollutants is recognized as essential for proper identification and designation of attainment and nonattainment areas and the determination of the most cost-effective and targeted regulatory strategy to reduce pollution

Who is Affected?

- All 273 oil and gas exploration, production, transmission, and distribution owners and operators in Colorado may be subject to these provisions
- Other stationary sources, potentially including local government agencies, required to submit an APEN and/or obtain a permit may also be affected

Goals

- **Pursue adopting remainder of EPA's rules (NSPS 0000)**
- **Part of larger package to reduce potential state administrative burdens**
- **Additional enhancements to state's existing oil and gas rules**
- **Focus APEN and/or permitting resources on sources with greatest potential air quality impacts in Colorado**
- **Clarify and streamline methodology for determining de minimus reporting**
- **Crude oil storage tank exemption revisions to identify and learn more about a potentially significant source of emissions**
- **Regulatory certainty for air pollution sources subject to federal rules by adding clarity**

Fiscal Impact

- Revisions to APEN and construction permitting thresholds and catchall provisions anticipated to **decrease fiscal impact** on air pollution sources
- Revisions to non-criteria reporting method may **decrease fiscal impact** on air pollution sources
- Revisions to crude oil storage tank exemptions will **increase fiscal impact**
- **No additional fiscal impact** of adoption of NSPS 0000 into Regulation 6 (Part A)
- Fiscal impact of revision to condensate tank control requirements as well as revisions addressing differences and overlaps between Regulation 7 and NSPS 0000 **have yet to be determined**

Schedule

- **2013 Rulemaking Stakeholder Meetings**
- **Dates and Times:**
 - **Monday, January 28, 2013** **8:30 am – 11:30 am**
 - **Thursday, February 28, 2013** **8:30 am – 11:30 am**
 - **Thursday, March 28, 2013** **8:30 am – 11:30 am**
 - **Thursday, April 25, 2013** **8:30 am – 11:30 am**
 - **Wednesday, May 22, 2013** **1:30 pm – 4:30 pm**
- **Location: CDPHE Campus, Building A, Sabin-Cleere Rooms**
- **First come first served basis**
- **PLEASE REGISTER AT:**

**[https://docs.google.com/spreadsheet/viewform?fromEmail=true
&formkey=dHhzcXVyNGFHM2VWQXFhX0VfZGhMcHc6MQ](https://docs.google.com/spreadsheet/viewform?fromEmail=true&formkey=dHhzcXVyNGFHM2VWQXFhX0VfZGhMcHc6MQ)**

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Contact Lisa with any additional questions at this time

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