



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Air Quality



Discussion of new and regulatory standards for oil and gas exploration and development

North Carolina Oil and Gas Commission

Tuesday November 9, 2021

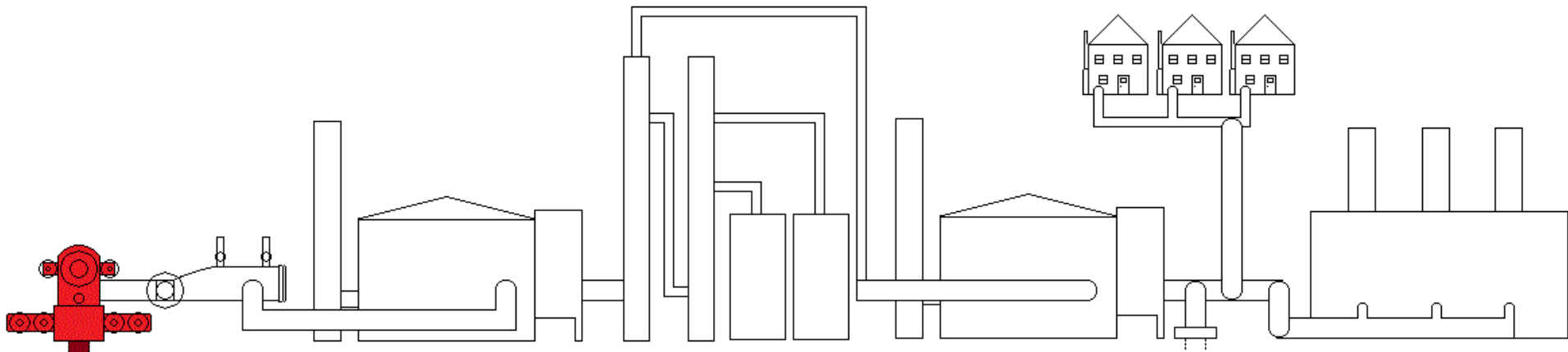
Tom Wolf, Governor

Patrick McDonnell, Secretary

Gas Systems

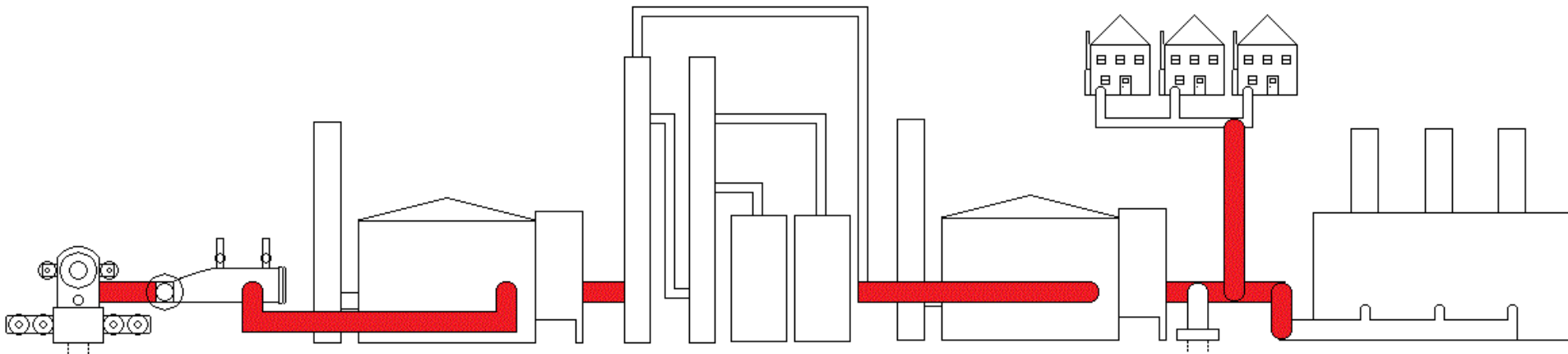
- Production:

- 40 CFR Parts 89, 1039, and 1048
- 40 CFR Part 60 Subparts K, Ka, Kb, IIII, JJJJ, OOOO, and OOOOa
- 40 CFR Part 63 Subparts HH and ZZZZ
- 40 CFR Part 98 Subpart W



Gas Systems

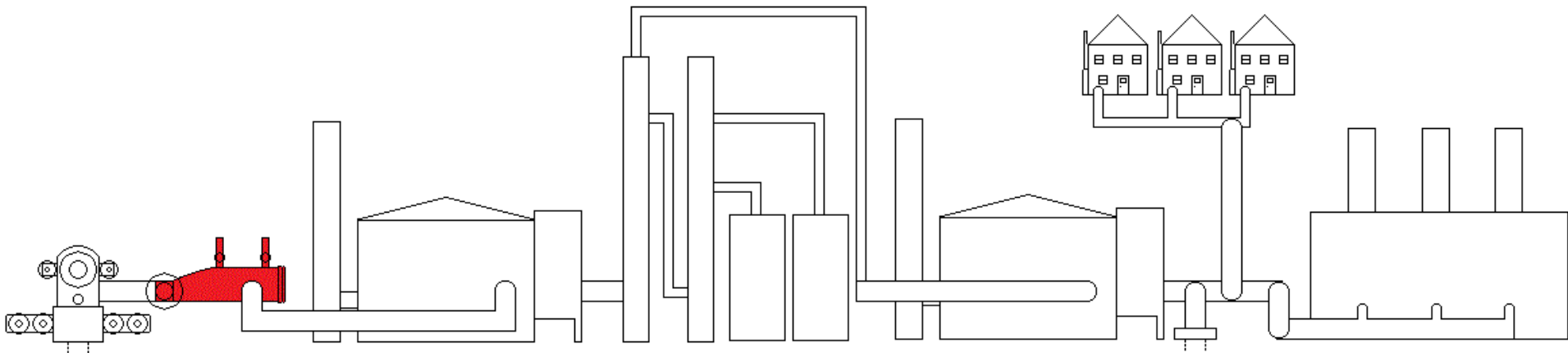
- Pipelines:
 - Regulated by DoT's PHMSA acting through the OPS
 - Agreements between States and OPS about pipeline management
 - 49 CFR Subchapter D Parts 186-199
 - 40 CFR Part 98 Subpart W



Gas Systems

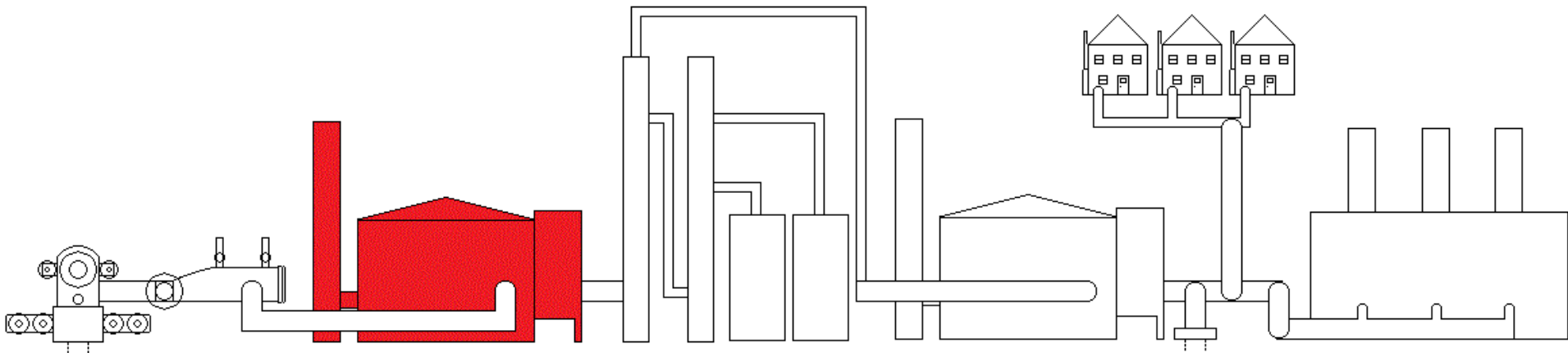
- **Pigging:**

- 40 CFR Part 60 Subparts K, Ka, Kb, OOOO, and OOOOa
- 40 CFR Part 98 Subpart W



Gas Systems

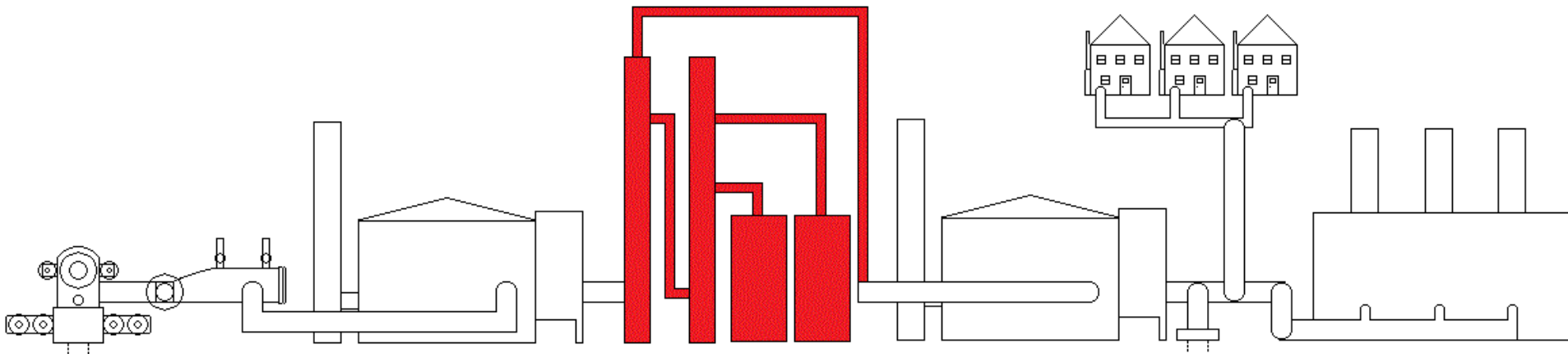
- Midstream Compression:
 - 40 CFR Part 60 Subparts K, Ka, Kb, OOOO, and OOOOa
 - 40 CFR Part 60 Subpart GG, IIII, JJJJ, and KKKK
 - 40 CFR Part 63 Subparts HH, YYYY, and ZZZZ
 - 40 CFR Part 98 Subpart W



Gas Systems

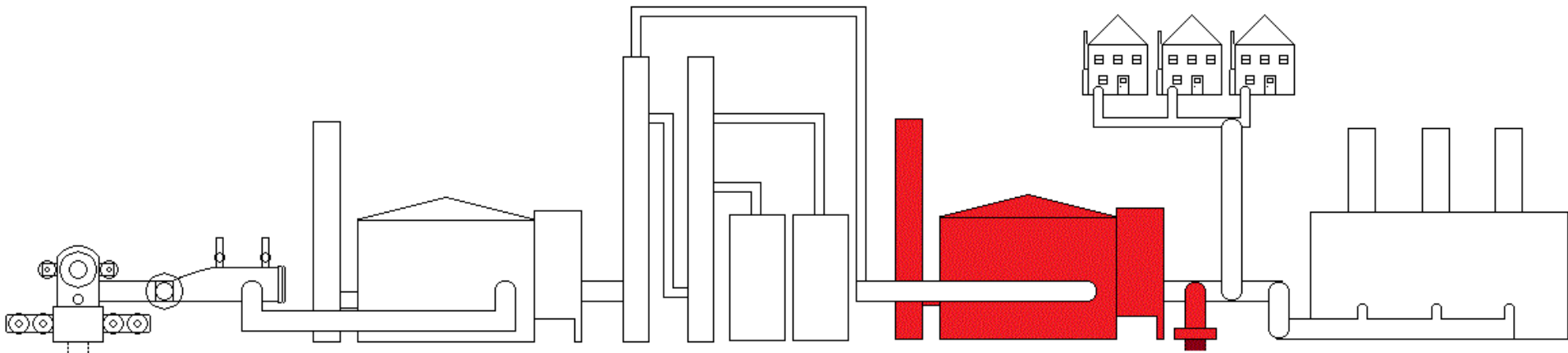
- Processing:

- 40 CFR Part 60 Subparts K, Ka, Kb, KKK, LLL, OOOO, and OOOOa
- 40 CFR Part 60 Subparts D, Db, Dc, GG, IIII, JJJJ, and KKKK
- 40 CFR Part 63 Subparts HH, YYYY, ZZZZ, DDDDD, and JJJJJJ.
- 40 CFR Part 98 Subparts C and W



Gas Systems

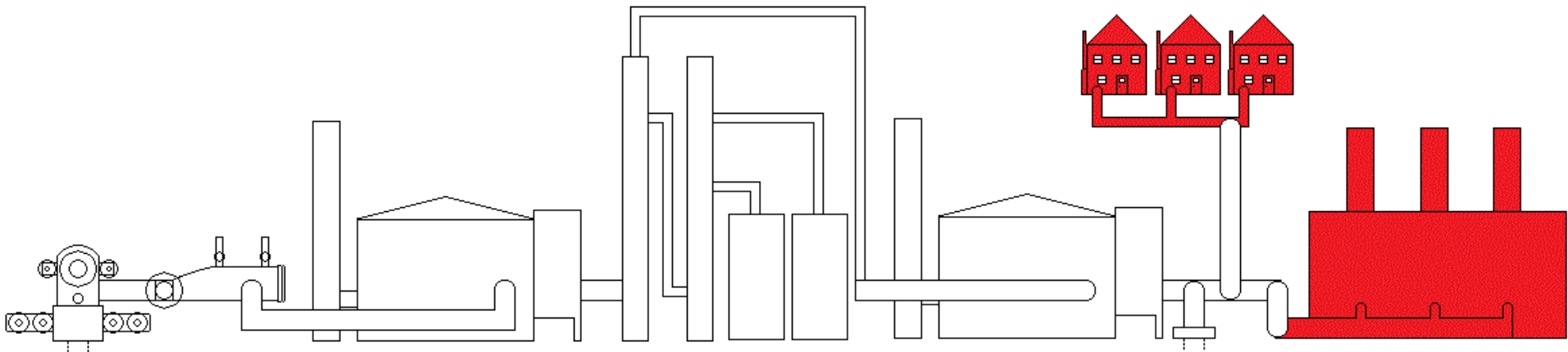
- Transmission and Storage:
 - 40 CFR Part 60 Subparts K, Ka, Kb, OOOO, and OOOOa
 - 40 CFR Part 60 Subparts GG, IIII, JJJJ, and KKKK
 - 40 CFR Part 63 Subparts HHHH, YYYY, and ZZZZ
 - 40 CFR Part 98 Subpart W



Gas Systems

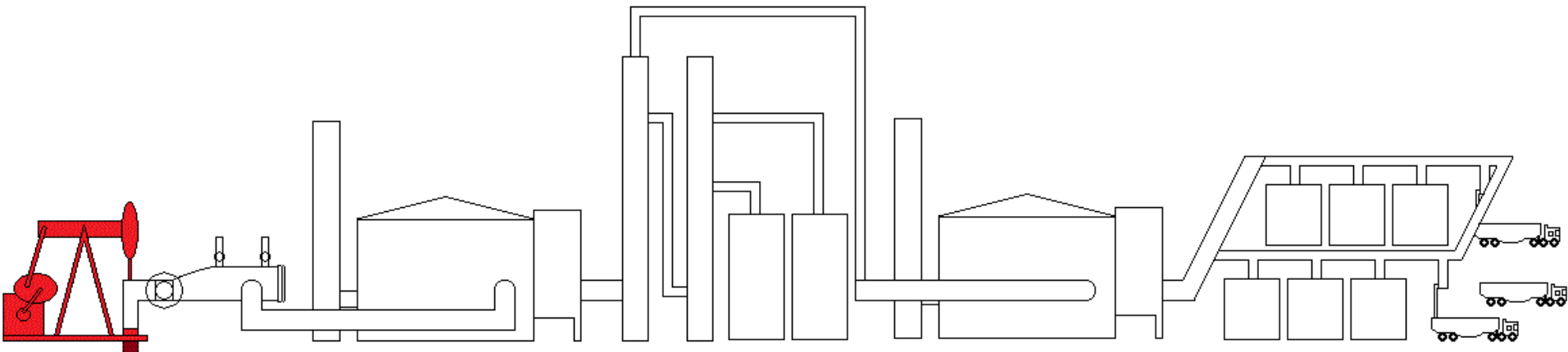
- **Distribution:**

- Regulated by DoT's PHMSA acting through the OPS
- Agreements between States and OPS about pipeline management
- 49 CFR Subchapter D Parts 186-199
- 40 CFR Part 98 Subpart W



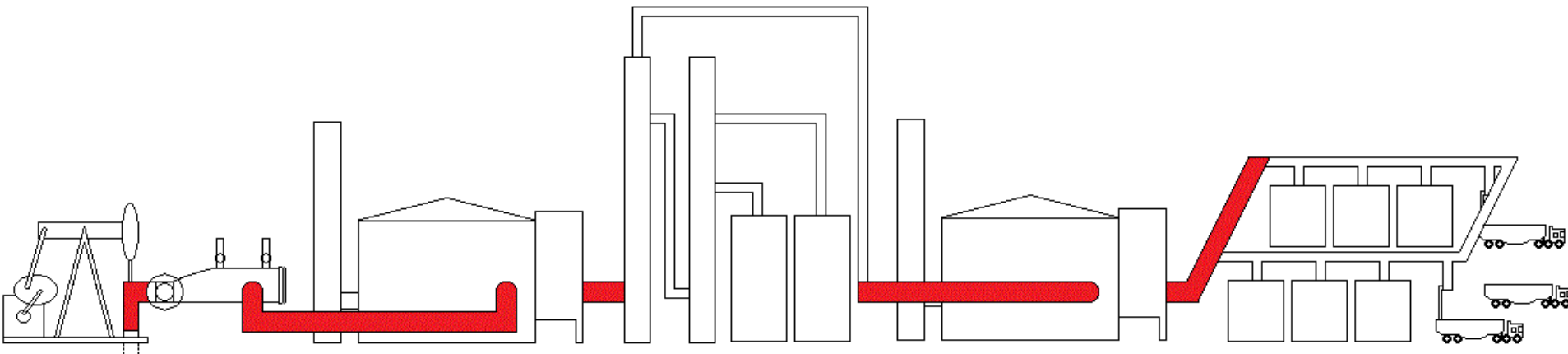
Oil Systems

- Production:
 - 40 CFR Parts 89, 1039, and 1048
 - 40 CFR Part 60 Subparts K, Ka, Kb, IIII, JJJJ, and OOOOa
 - 40 CFR Part 63 Subparts HH and ZZZZ
 - 40 CFR Part 98 Subpart W



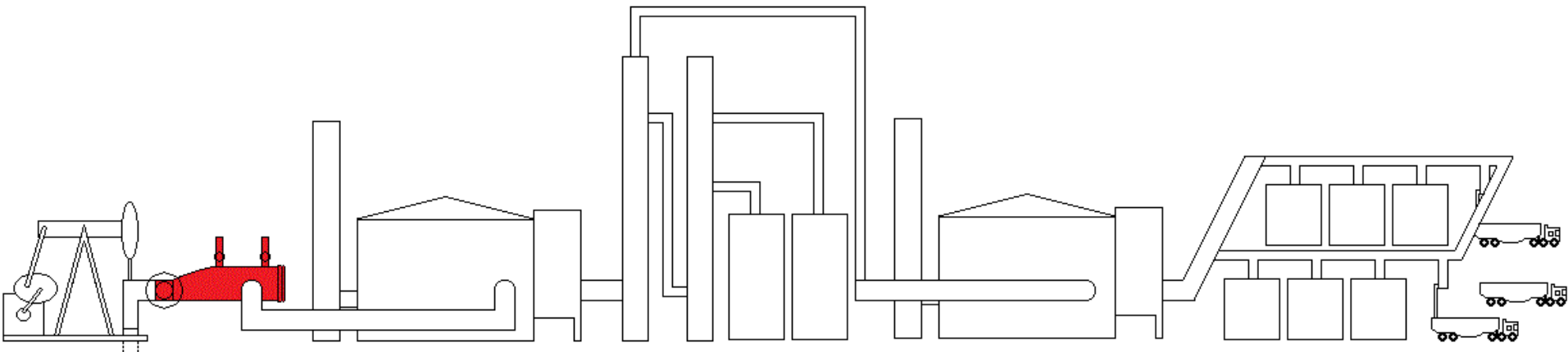
Oil Systems

- Pipelines:
 - Regulated by DoT's PHMSA acting through the OPS
 - Agreements between States and OPS about pipeline management
 - 49 CFR Subchapter D Parts 186-199
 - 40 CFR Part 98 Subpart W



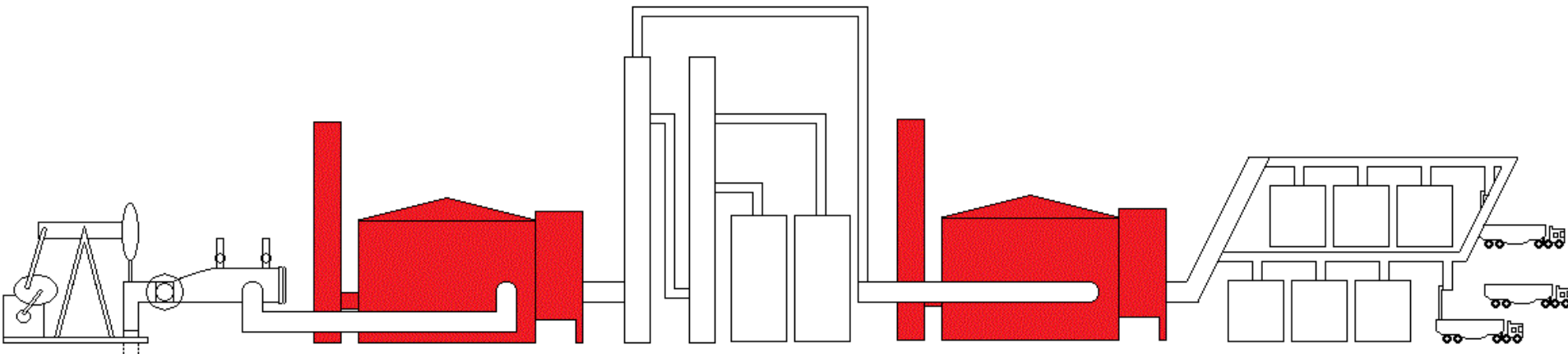
Oil Systems

- Pigging:
 - 40 CFR Part 60 Subpart OOOOa
 - 40 CFR Part 98 Subpart W



Oil Systems

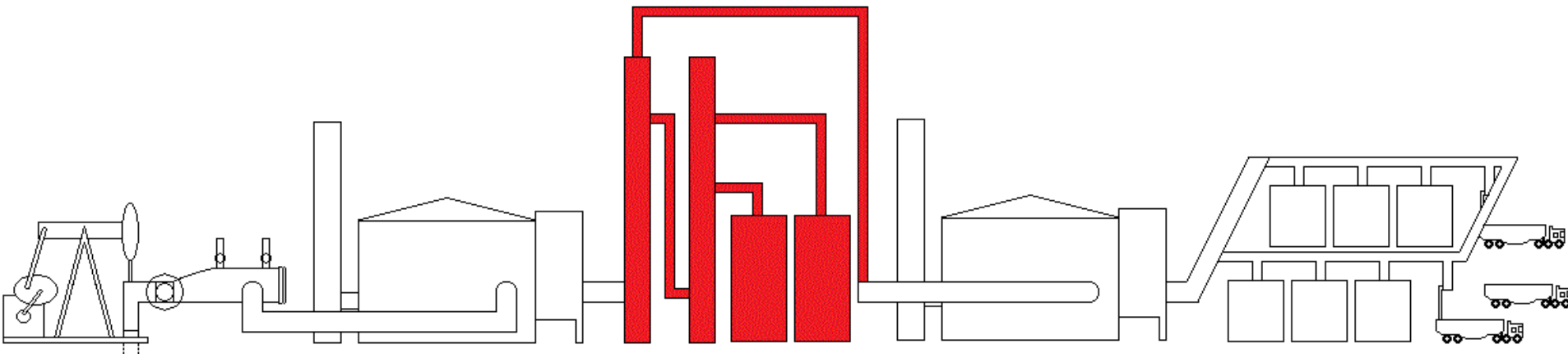
- Pipeline Pumping and Breakout Stations:
 - 40 CFR Part 60 Subparts K, Ka, Kb, IIII, JJJJ, and OOOOa
 - 40 CFR Part 63 Subparts R, HH, and ZZZZ
 - 40 CFR Part 98 Subpart W



Oil Systems

- Refining:

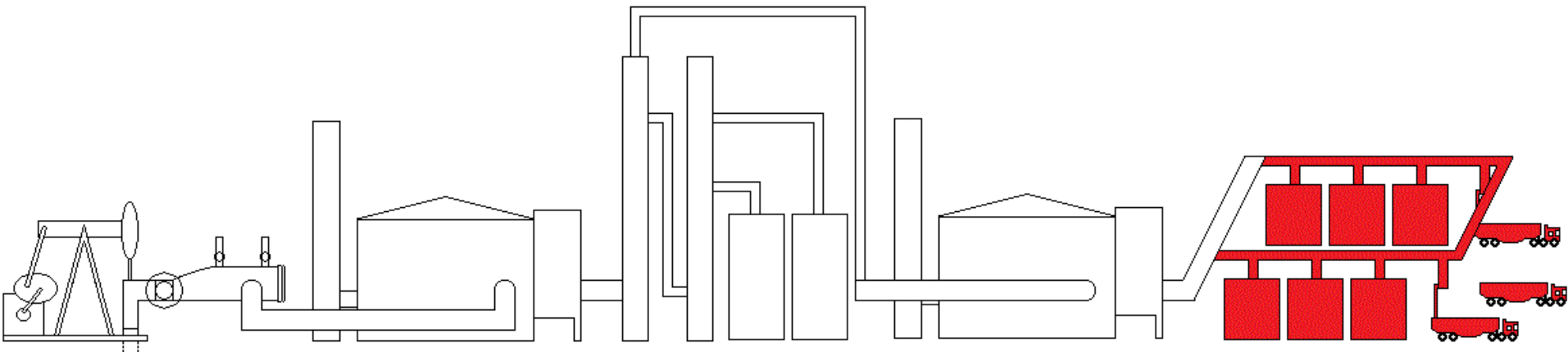
- 40 CFR Part 60 Subparts J, Ja, K, Ka, Kb, GGG, GGGa, and QQQ
- 40 CFR Part 60 Subparts D, Db, Dc, IIII, and JJJ
- 40 CFR Part 63 Subparts CC, HH, UUU, ZZZZ, DDDDD, and JJJJJ
- 40 CFR Part 98 Subpart Y and MM



Oil Systems

- **Distribution:**

- 40 CFR Part 60 Subparts K, Ka, Kb, XX, IIII, and JJJJ
- 40 CFR Part 63 Subparts R, HH, ZZZZ, BBBB, and CCCCC





Bureau of Air Quality

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