



Air Requirements	
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1.0 Overview

This Air Requirements Registry details the legal and other requirements (i.e., permits and plans) that the City and County of Denver (CCD) is subject to on the federal, state, and local level. It is intended to outline these requirements from their source (i.e., United States Code) to specific documents and actions that must take place in order to meet the requirements (i.e., permits and compliance reporting).

There are many aspects, including routine activities or items, within City and County of Denver properties that have the potential to impact air quality. These aspects are identified in the most recent version of the Environmental Aspects and Impacts Assessment.

To address the legal and other requirements created by these aspects, the City and County of Denver manages the following programs:

1. Facility Compliance Program (addresses compliance at CCD facilities);
2. Complaints Program (addresses environmental complaints brought by the public);
3. Environmental Stewardship Program (addresses proactive means of reducing environmental impacts).
4. Open-burning Program (addresses permitting for approved open burning and complaints brought by the Public)

Additionally, the City and County of Denver will create and publish Environmental Guidelines (EGs) to assist in controlling the aspects referenced above to minimize impacts to air quality. These can be found in Environmental Guideline Process and Catalog.



2.0 Applicable Regulations & Other Requirements

NAME	REGULATOR	CITATION	APPLICABLE PROGRAM	DEQ RESPONSIBLE PERSON
Clean Air Act	U.S. EPA	42 USC 7401 <i>et seq.</i>	All Programs	Lasswell/Bedard
Federal Boiler Rule	U.S. EPA	40 CFR Part 60, Subpart D	Facility Compliance Program	Lasswell/Bedard
Federal Ozone Depleting Compounds (ODCs) Rule	U.S. EPA	40 CFR Part 82, Subparts B & F	Facility Compliance Program	Lasswell/Bedard
Colorado Air Pollution Prevention and Control Act	CDPHE	25 CRS 7	All Programs	Lasswell/Bedard
Colorado Air Quality Control Commission (CAQCC) Regulation No. 1: Control of Opacity, Smoke and Particulates	CDPHE	5 CCR 1001-3	Facility Compliance Program	Lasswell/Bedard
CAQCC Regulation No. 3: Stationary Source Permitting	CDPHE	5 CCR 1001-5	Facility Compliance Program	Lasswell/Bedard
CAQCC Regulation No. 6: New Source Performance Standards	CDPHE	5 CCR 1001-8	Facility Compliance Program	Lasswell/Bedard
CAQCC Regulation No. 7: Control of Volatile Organic Compounds	CDPHE	5 CCR 1001-9	Facility Compliance Program	Lasswell/Bedard
CAQCC Regulation No. 15: Control of Emissions of ODCs	CDPHE	5 CCR 1001-19	Facility Compliance Program	Lasswell/Bedard
CAQCC Common Provisions Regulation	CDPHE	5 CCR 1001-2	Facility Compliance Program	Lasswell/Bedard
Local Air Quality Ordinances	Denver Department of Environmental Health	DRMC Title II, Chapter 4 (Air Pollution Control), Article III	Facility Compliance Program	Lasswell/Bedard
Local Air Quality Ordinances	Denver Department of Environmental Health	DRMC Title II, Chapter 4 (Air Pollution Control), Article V	Facility Compliance Program	Lasswell/Bedard



3.0 Applicable Permits, Plans and Procedures

NAME	REGULATORY DRIVER	PHYSICAL LOCATION	EFFECTIVE DATE	RENEWAL DATE	RESPONSIBLE PERSON
Construction Permit No. 90DE394S; Emissions permits for stationary sources of air pollution-1 UST	CAQCC Regulation Nos. 1, 3, 6 & 7	1390 Decatur St	1/6/2002	1/6/2007	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit Nos. 94DE065; Emissions permits for stationary sources of air pollution-Firing range exhaust vents	CAQCC Regulation Nos. 1, 3, 6 & 7	1390 Decatur St	3/6/2003	2/1/2007	Division Chief Tracie Keesee, DPD; P. Bedard, DEH
Construction Permit No. 90DE395S; Emissions permit for stationary sources of air pollution-2 USTs	CAQCC Regulation Nos. 1, 3, 6 & 7	7301 E Jewell Ave.	1/6/2002	1/6/2007	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit Nos. 91DE742 and 90DE1083.XP; Emissions permit for stationary sources of air pollution-paint booths	CAQCC Regulation Nos. 1, 3, 6 & 7	5440 Roslyn St	Permit Exempt		Jim Holbrook, DPD-Fleet Maintenance; P. Bedard, DEH
Construction Permit No. 90DE373S; Emissions permit for stationary sources of air pollution-5 USTs	CAQCC Regulation Nos. 1, 3, 6 & 7	5440 Roslyn St	1/6/2005	1/6/2010	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit No. 90DE0927; Emissions permit for stationary sources of air pollution-Asphalt Plant	CAQCC Regulation Nos. 1, 3, 6 & 7	5440 Roslyn St	1/29/2008	1/29/2013	Kelly Duffy, PW-Street Maintenance; P. Bedard, DEH
Construction Permit No. 98DE0077S; Emissions permit for stationary sources of air pollution-USTs	CAQCC Regulation Nos. 1, 3, 6 & 7	4800 Himalaya St	1/6/2003	1/6/2008	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit No. 98DE0076S; Emissions permit for stationary sources of air pollution-2 USTs	CAQCC Regulation Nos. 1, 3, 6 & 7	2000 W 3 rd Ave	1/6/2002	1/6/2007	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit No. 98DE0079S.XP; Emissions permit for stationary sources of air pollution-2 USTs	CAQCC Regulation Nos. 1, 3, 6 & 7	1625 S University Blvd	6/30/2008	6/1/20013	Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH
Construction Permit No. 98DE0079S.XP; Emissions permit for stationary sources of air pollution-UST	CAQCC Regulation Nos. 1, 3, 6 & 7	2355 Colorado Blvd	Permit Exempt		Ernie Ivy, PW-Fleet Maintenance; P. Bedard, DEH



NAME	REGULATORY DRIVER	PHYSICAL LOCATION	EFFECTIVE DATE	RENEWAL DATE	RESPONSIBLE PERSON
Construction Permit Nos. 01DE0112.GF, 01DE113.GF, and 01DE0114.GF; Emissions permits for stationary sources of air pollution-boilers	CAQCC Regulation Nos. 1, 3, 6 & 7	10500 Smith Rd	Permit Exempt		Elias Diggins, Sherriff's Office; P. Bedard, DEH
Construction Permit No. 03DE0814; Emissions permit for stationary sources of air pollution-boiler	CAQCC Regulation Nos. 1, 3, 6 & 7	4600 Humboldt St	4/26/2004	4/26/2009	Mark Najarian, General Services-Theatres & Arenas; P. Bedard, DEH
Construction Permit No. 94DE066.XP; Emissions permit for stationary sources of air pollution-air stripper	CAQCC Regulation Nos. 1, 3, 6 & 7	4303 Wolff St	Permit Exempt		Ali Sogue, DEH
CFC MVAC and Stationary Service Technician Facility Notification	CAQCC Regulation No. 15	100 W 14 th Ave Denver Art Museum	2007	2008	Kelly Cook, Art Museum; P. Bedard, DEH
CFC MVAC and Stationary Service Technician Facility Notification	CAQCC Regulation No. 15	4600 Humboldt St Denver Coliseum	2007	2008	Mark Najarian, General Services-Theatres & Arenas; P. Bedard, DEH
CFC MVAC and Stationary Service Technician Facility Notification	CAQCC Regulation No. 15	10500 Smith Rd Denver County Jail	2007	2008	Elias Diggins, Sherriff's Office; P. Bedard, DEH
CFC MVAC and Stationary Service Technician Facility Notification	CAQCC Regulation No. 15	2900 E 23 rd Ave Denver Zoological Gardens	2007	2008	Carol Flohr, Zoo; P. Bedard, DEH

4.0 Reporting Requirements

NAME	DRIVER/GUIDANCE	FREQUENCY	RECIPIENTS (& ADDRESSES)	REQUIRED SIGNATURE	PHYSICAL LOCATION	RESPONSIBLE PARTY	INSTRUCTIONS
Street Sanding Report	Air Quality Care Commission REGULATION NO. 16 STREET SANDING EMISSIONS 5 CCR 1001-18	Annual	Colorado Department of Health Air Pollution Control Division Regional Air Quality Control Commission	Not Specified	1390 Decatur St	Kelly Duffy, PW-Street Maintenance	Due by June 30 th . Include: 1) miles driven; 2) amount of material used; 3) full deployment no./dates 4) lane miles treated; 5) type of equipment.



5.0 Sampling, Inspection, Monitoring and Record Keeping Requirements

NAME	DRIVER/ GUIDANCE	REQUIRED FORM OR CHECKLIST	FREQUENCY	RESPONSIBLE PARTY	RECORDS RETENTION INSTRUCTIONS
Fuel consumption records;	Construction Permit No. 90DE394S	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Operation logs;	Construction Permit Nos. 94DE065	Operation hours log	Monthly	Division Chief Tracie Keesee, DPD	Records retained by DPD
Fuel consumption records;	Construction Permit No. 90DE395S	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Paint and paint material consumption records	Construction Permit Nos. 91DE742	Paint and paint material product usage log	Annual, Rolling 12-month	Jim Holbrook, DPD-Fleet Maintenance	Records retained by DPD Fleet
Fuel consumption records;	Construction Permit No. 90DE373S	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Asphalt Plant operating records	Permit No. 90DE0927; Guidance – Plant manufacturer supplied documentation	Plant manufacturer's basic pre-start checklist, start-up/shut down procedures, dust suppression activities and opacity monitoring, manufacturer's maintenance schedules, Throughput and operation hours records log	Start-up - Daily; Operational hours logging - Daily; Operational equipment checks - Weekly and Monthly Material throughput log - Annual, rolling 12-month; Burner calibration - Annual	Dean Rzeszut, Plant Manager	Records retained by Plant Manager
Fuel consumption records;	Construction Permit No. 98DE0077S	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Fuel consumption records;	Construction Permit No. 98DE0076S	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Fuel consumption records;	Construction Permit No. 98DE0079S.XP	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet



NAME	DRIVER/ GUIDANCE	REQUIRED FORM OR CHECKLIST	FREQUENCY	RESPONSIBLE PARTY	RECORDS RETENTION INSTRUCTIONS
Fuel consumption records;	Construction Permit No. 98DE0079S.XP	Fuel system consumption report	Annual	Ernie Ivy, PW-Fleet Maintenance	Records retained by PW Fleet
Natural gas and diesel fuel consumption records	Construction Permit Nos. 01DE0112, 01DE112, 01DE0114	Fuel consumption logs	Annual	Elias Diggins, Sherrif's Office	Records retained by County Jail boiler operations
Boiler preventive maintenance monitoring	Internal practice	No required form	Boiler strip-down/repair – Annual Visual inspections – per event	Mark Najarian, General Services-Theatres & Arenas	No formal record keeping performed

6.0 Training Requirements

NAME OF TRAINING	DRIVER/ GUIDANCE	FREQUENCY	RESPONSIBLE PARTY	RECORDS RETENTION REQUIREMENTS
MVAC CFC Technician Certification	40 CFR 82.40	One-time	Each CFC technician	Certifications maintained by certified staff and facility's designated training records administrator
Stationary Unit CFC Technician Certification	40 CFR 82.161	One-time	Each CFC technician	Certifications maintained by certified staff and facility's designated training records administrator
Visible Emission Evaluation (VEE) Certification	40 CFR 60 Appendix A, Method 9 - Visible Determination of the Opacity of Emissions from Stationary Sources	Annual	Dean Rzeszut, Plant Manager	Certifications maintained by certified staff and facility's designated training records administrator