



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQ-007-15

MEMORANDUM

TO: Air Quality Board

THROUGH: Bryce C. Bird, Executive Secretary

FROM: Steven C. Packham, Toxicologist

DATE: February 18, 2015

SUBJECT: PROPOSE FOR PUBLIC COMMENT: Amend R307-214. National Emission Standards for Hazardous Air Pollutants.

The Utah Air Quality Rule R307-214, National Emission Standards for Hazardous Air Pollutants (NESHAPs), must be updated periodically to reflect changes to the NESHAPs as published in Title 40 of the Code of Federal Regulations (40 CFR) Parts 61 and 63.

All published changes to 40 CFR Parts 61 and 63 from July 1, 2013, (the last update of R307-214) to June 30, 2014, are listed in the attached document. To reflect these changes R307-214 needs to be amended to incorporate by reference the July 1, 2014, version of 40 CFR Parts 61 and 63.

Staff Recommendation: Staff recommends the Board propose the amended R307-214 for public comment.

Changes to 40 CFR Parts 61 and 63 – July 1, 2014 to June 30, 2014

Part 61 Rules and Regulations Changes July 1, 2013 to June 30, 2014

Revisions to Test Methods and Testing Regulations

Pages 11227 - 11294 [FR DOC # 2014-02704]

Part 63 Rules and Regulations Changes July 1, 2013 to June 30, 2014

National Emissions Standards for Hazardous Air Pollutants from Secondary Lead Smelting

Pages 367 - 372 [FR DOC # 2013-31267]

Revisions to Test Methods and Testing Regulations

Pages 11227 - 11294 [FR DOC # 2014-02704]

National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins; Pesticide Active Ingredient Production; and Polyether Polyols Production

Pages 17339 - 17382 [FR DOC # 2014-04305]

1 **R307. Environmental Quality, Air Quality.**

2 **R307-214. National Emission Standards for Hazardous Air Pollutants.**

3 **R307-214-1. Pollutants Subject to Part 61.**

4 The provisions of Title 40 of the Code of Federal Regulations
5 (40 CFR) Part 61, National Emission Standards for Hazardous Air
6 Pollutants, effective as of July 1, [~~2013~~]2014, are incorporated into
7 these rules by reference. For pollutant emission standards delegated
8 to the State, references in 40 CFR Part 61 to "the Administrator"
9 shall refer to the director.

10
11 **R307-214-2. Sources Subject to Part 63.**

12 The provisions listed below of 40 CFR Part 63, National Emission
13 Standards for Hazardous Air Pollutants for Source Categories,
14 effective as of July 1, [~~2013~~]2014, are incorporated into these rules
15 by reference. References in 40 CFR Part 63 to "the Administrator"
16 shall refer to the director, unless by federal law the authority is
17 specific to the Administrator and cannot be delegated.

18 (1) 40 CFR Part 63, Subpart A, General Provisions.

19 (2) 40 CFR Part 63, Subpart B, Requirements for Control
20 Technology Determinations for Major Sources in Accordance with 42
21 U.S.C. 7412(g) and (j).

22 (3) 40 CFR Part 63, Subpart F, National Emission Standards for
23 Organic Hazardous Air Pollutants from the Synthetic Organic Chemical
24 Manufacturing Industry.

25 (4) 40 CFR Part 63, Subpart G, National Emission Standards for
26 Organic Hazardous Air Pollutants from the Synthetic Organic Chemical
27 Manufacturing Industry for Process Vents, Storage Vessels, Transfer
28 Operations, and Wastewater.

29 (5) 40 CFR Part 63, Subpart H, National Emission Standards for
30 Organic Hazardous Air Pollutants for Equipment Leaks.

31 (6) 40 CFR Part 63, Subpart I, National Emission Standards for
32 Organic Hazardous Air Pollutants for Certain Processes Subject to
33 the Negotiated Regulation for Equipment Leaks.

34 (7) 40 CFR Part 63, Subpart J, National Emission Standards for
35 Polyvinyl Chloride and Copolymers Production.

36 (8) 40 CFR Part 63, Subpart L, National Emission Standards for
37 Coke Oven Batteries.

38 (9) 40 CFR Part 63, Subpart M, National Perchloroethylene Air
39 Emission Standards for Dry Cleaning Facilities.

40 (10) 40 CFR Part 63, Subpart N, National Emission Standards
41 for Chromium Emissions From Hard and Decorative Chromium
42 Electroplating and Chromium Anodizing Tanks.

43 (11) 40 CFR Part 63, Subpart O, National Emission Standards
44 for Hazardous Air Pollutants for Ethylene Oxide Commercial
45 Sterilization and Fumigation Operations.

46 (12) 40 CFR Part 63, Subpart Q, National Emission Standards
47 for Hazardous Air Pollutants for Industrial Process Cooling Towers.

48 (13) 40 CFR Part 63, Subpart R, National Emission Standards
49 for Gasoline Distribution Facilities (Bulk Gasoline Terminals and
50 Pipeline Breakout Stations).

51 (14) 40 CFR Part 63, Subpart T, National Emission Standards

1 for Halogenated Solvent Cleaning.
2 (15) 40 CFR Part 63, Subpart U, National Emission Standards
3 for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.
4 (16) 40 CFR Part 63, Subpart AA, National Emission Standards
5 for Hazardous Air Pollutants for Phosphoric Acid Manufacturing.
6 (17) 40 CFR Part 63, Subpart BB, National Emission Standards
7 for Hazardous Air Pollutants for Phosphate Fertilizer Production.
8 (18) 40 CFR Part 63, Subpart CC, National Emission Standards
9 for Hazardous Air Pollutants from Petroleum Refineries.
10 (19) 40 CFR Part 63, Subpart DD, National Emission Standards
11 for Hazardous Air Pollutants from Off-Site Waste and Recovery
12 Operations.
13 (20) 40 CFR Part 63, Subpart EE, National Emission Standards
14 for Magnetic Tape Manufacturing Operations.
15 (21) 40 CFR Part 63, Subpart GG, National Emission Standards
16 for Aerospace Manufacturing and Rework Facilities.
17 (22) 40 CFR Part 63, Subpart HH, National Emission Standards
18 for Hazardous Air Pollutants for Oil and Natural Gas Production.
19 (23) 40 CFR Part 63, Subpart JJ, National Emission Standards
20 for Wood Furniture Manufacturing Operations.
21 (24) 40 CFR Part 63, Subpart KK, National Emission Standards
22 for the Printing and Publishing Industry.
23 (25) 40 CFR Part 63, Subpart MM, National Emission Standards
24 for Hazardous Air Pollutants for Chemical Recovery Combustion Sources
25 at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills.
26 (26) 40 CFR Part 63, Subpart OO, National Emission Standards
27 for Tanks - Level 1.
28 (27) 40 CFR Part 63, Subpart PP, National Emission Standards
29 for Containers.
30 (28) 40 CFR Part 63, Subpart QQ, National Emission Standards
31 for Surface Impoundments.
32 (29) 40 CFR Part 63, Subpart RR, National Emission Standards
33 for Individual Drain Systems.
34 (30) 40 CFR Part 63, Subpart SS, National Emission Standards
35 for Closed Vent Systems, Control Devices, Recovery Devices and Routing
36 to a Fuel Gas System or a Process (Generic MACT).
37 (31) 40 CFR Part 63, Subpart TT, National Emission Standards
38 for Equipment Leaks- Control Level 1 (Generic MACT).
39 (32) 40 CFR Part 63, Subpart UU, National Emission Standards
40 for Equipment Leaks-Control Level 2 Standards (Generic MACT).
41 (33) 40 CFR Part 63, Subpart VV, National Emission Standards
42 for Oil-Water Separators and Organic-Water Separators.
43 (34) 40 CFR Part 63, Subpart WW, National Emission Standards
44 for Storage Vessels (Tanks)-Control Level 2 (Generic MACT).
45 (35) 40 CFR Part 63, Subpart XX, National Emission Standards
46 for Ethylene Manufacturing Process Units: Heat Exchange Systems and
47 Waste Operations.
48 (36) 40 CFR Part 63, Subpart YY, National Emission Standards
49 for Hazardous Air Pollutants for Source Categories: Generic MACT.
50 (37) 40 CFR Part 63, Subpart CCC, National Emission Standards
51 for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities

1 and Hydrochloric Acid Regeneration Plants.
2 (38) 40 CFR Part 63, Subpart DDD, National Emission Standards
3 for Hazardous Air Pollutants for Mineral Wool Production.
4 (39) 40 CFR Part 63, Subpart EEE, National Emission Standards
5 for Hazardous Air Pollutants from Hazardous Waste Combustors.
6 (40) 40 CFR Part 63, Subpart GGG, National Emission Standards
7 for Hazardous Air Pollutants for Pharmaceuticals Production.
8 (41) 40 CFR Part 63, Subpart HHH, National Emission Standards
9 for Hazardous Air Pollutants for Natural Gas Transmission and Storage.
10 (42) 40 CFR Part 63, Subpart III, National Emission Standards
11 for Hazardous Air Pollutants for Flexible Polyurethane Foam
12 Production.
13 (43) 40 CFR Part 63, Subpart JJJ, National Emission Standards
14 for Hazardous Air Pollutants for Group IV Polymers and Resins.
15 (44) 40 CFR Part 63, Subpart LLL, National Emission Standards
16 for Hazardous Air Pollutants for Portland Cement Manufacturing
17 Industry.
18 (45) 40 CFR Part 63, Subpart MMM, National Emission Standards
19 for Hazardous Air Pollutants for Pesticide Active Ingredient
20 Production.
21 (46) 40 CFR Part 63, Subpart NNN, National Emission Standards
22 for Hazardous Air Pollutants for Wool Fiberglass Manufacturing.
23 (47) 40 CFR Part 63, Subpart OOO, National Emission Standards
24 for Hazardous Air Pollutants for Amino/Phenolic Resins Production
25 (Resin III).
26 (48) 40 CFR Part 63, Subpart PPP, National Emission Standards
27 for Hazardous Air Pollutants for Polyether Polyols Production.
28 (49) 40 CFR Part 63, Subpart QQQ, National Emission Standards
29 for Hazardous Air Pollutants for Primary Copper Smelters.
30 (50) 40 CFR Part 63, Subpart RRR, National Emission Standards
31 for Hazardous Air Pollutants for Secondary Aluminum Production.
32 (51) 40 CFR Part 63, Subpart TTT, National Emission Standards
33 for Hazardous Air Pollutants for Primary Lead Smelting.
34 (52) 40 CFR Part 63, Subpart UUU, National Emission Standards
35 for Hazardous Air Pollutants for Petroleum Refineries: Catalytic
36 Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.
37 (53) 40 CFR Part 63, Subpart VVV, National Emission Standards
38 for Hazardous Air Pollutants: Publicly Owned Treatment Works.
39 (54) 40 CFR Part 63, Subpart AAAA, National Emission Standards
40 for Hazardous Air Pollutants for Municipal Solid Waste Landfills.
41 (55) 40 CFR Part 63, Subpart CCCC, National Emission Standards
42 for Manufacturing of Nutritional Yeast.
43 (56) 40 CFR Part 63, Subpart DDDD, National Emission Standards
44 for Hazardous Air Pollutants for Plywood and Composite Wood Products.
45 (57) 40 CFR Part 63, Subpart EEEE, National Emission Standards
46 for Hazardous Air Pollutants for Organic Liquids Distribution
47 (non-gasoline).
48 (58) 40 CFR Part 63, Subpart FFFF, National Emission Standards
49 for Hazardous Air Pollutants for Miscellaneous Organic Chemical
50 Manufacturing.
51 (59) 40 CFR Part 63, Subpart GGGG, National Emission Standards

1 for Vegetable Oil Production; Solvent Extraction.

2 (60) 40 CFR Part 63, Subpart HHHH, National Emission Standards
3 for Wet-Formed Fiberglass Mat Production.

4 (61) 40 CFR Part 63, Subpart IIII, National Emission Standards
5 for Hazardous Air Pollutants for Surface Coating of Automobiles and
6 Light-Duty Trucks.

7 (62) 40 CFR Part 63, Subpart JJJJ, National Emission Standards
8 for Hazardous Air Pollutants for Paper and Other Web Surface Coating
9 Operations.

10 (63) 40 CFR Part 63, Subpart KKKK, National Emission Standards
11 for Hazardous Air Pollutants for Surface Coating of Metal Cans.

12 (64) 40 CFR Part 63, Subpart MMMM, National Emission Standards
13 for Hazardous Air Pollutants for Surface Coating of Miscellaneous
14 Metal Parts and Products.

15 (65) 40 CFR Part 63, Subpart NNNN, National Emission Standards
16 for Large Appliances Surface Coating Operations.

17 (66) 40 CFR Part 63, Subpart OOOO, National Emission Standards
18 for Hazardous Air Pollutants for Fabric Printing, Coating and Dyeing
19 Surface Coating Operations.

20 (67) 40 CFR Part 63, Subpart PPPP, National Emissions Standards
21 for Hazardous Air Pollutants for Surface Coating of Plastic Parts
22 and Products.

23 (68) 40 CFR Part 63, Subpart QQQQ, National Emission Standards
24 for Hazardous Air Pollutants for Surface Coating of Wood Building
25 Products.

26 (69) 40 CFR Part 63, Subpart RRRR, National Emission Standards
27 for Hazardous Air Pollutants for Metal Furniture Surface Coating
28 Operations.

29 (70) 40 CFR Part 63, Subpart SSSS, National Emission Standards
30 for Metal Coil Surface Coating Operations.

31 (71) 40 CFR Part 63, Subpart TTTT, National Emission Standards
32 for Leather Tanning and Finishing Operations.

33 (72) 40 CFR Part 63, Subpart UUUU, National Emission Standards
34 for Cellulose Product Manufacturing.

35 (73) 40 CFR Part 63, Subpart VVVV, National Emission Standards
36 for Boat Manufacturing.

37 (74) 40 CFR Part 63, Subpart WWWW, National Emissions Standards
38 for Hazardous Air Pollutants for Reinforced Plastic Composites
39 Production.

40 (75) 40 CFR Part 63, Subpart XXXX, National Emission Standards
41 for Tire Manufacturing.

42 (76) 40 CFR Part 63, Subpart YYYY, National Emission Standards
43 for Hazardous Air Pollutants for Stationary Combustion Turbines.

44 (77) 40 CFR Part 63, Subpart ZZZZ, National Emission Standards
45 for Hazardous Air Pollutants for Stationary Reciprocating Internal
46 Combustion Engines.

47 (78) 40 CFR Part 63, Subpart AAAAA, National Emission Standards
48 for Hazardous Air Pollutants for Lime Manufacturing Plants.

49 (79) 40 CFR Part 63, Subpart BBBB, National Emission Standards
50 for Hazardous Air Pollutants for Semiconductor Manufacturing.

51 (80) 40 CFR Part 63, Subpart CCCCC, National Emission Standards

1 for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and
2 Battery Stacks.

3 (81) 40 CFR Part 63, Subpart DDDDD, National Emission Standards
4 for Hazardous Air Pollutants for Industrial, Commercial, and
5 Institutional Boilers and Process Heaters.

6 (82) 40 CFR Part 63, Subpart EEEEE, National Emission Standards
7 for Hazardous Air Pollutants for Iron and Steel Foundries.

8 (83) 40 CFR Part 63, Subpart FFFFF, National Emission Standards
9 for Hazardous Air Pollutants for Integrated Iron and Steel
10 Manufacturing.

11 (84) 40 CFR Part 63, Subpart GGGGG, National Emission Standards
12 for Hazardous Air Pollutants for Site Remediation.

13 (85) 40 CFR Part 63, Subpart HHHHH, National Emission Standards
14 for Hazardous Air Pollutants for Miscellaneous Coating Manufacturing.

15 (86) 40 CFR Part 63, Subpart IIIII, National Emission Standards
16 for Hazardous Air Pollutants for Mercury Emissions from Mercury Cell
17 Chlor-Alkali Plants.

18 (87) 40 CFR Part 63, Subpart JJJJJ, National Emission Standards
19 for Hazardous Air Pollutants for Brick and Structural Clay Products
20 Manufacturing.

21 (88) 40 CFR Part 63, Subpart KKKKK, National Emission Standards
22 for Hazardous Air Pollutants for Clay Ceramics Manufacturing.

23 (89) 40 CFR Part 63, Subpart LLLLL, National Emission Standards
24 for Hazardous Air Pollutants for Asphalt Processing and Asphalt
25 Roofing Manufacturing.

26 (90) 40 CFR Part 63, Subpart MMMMM, National Emission Standards
27 for Hazardous Air Pollutants for Flexible Polyurethane Foam
28 Fabrication Operations.

29 (91) 40 CFR Part 63, Subpart NNNNN, National Emission Standards
30 for Hazardous Air Pollutants for Hydrochloric Acid Production.

31 (92) 40 CFR Part 63, Subpart PPPPP, National Emission Standards
32 for Hazardous Air Pollutants for Engine Test Cells/Stands.

33 (93) 40 CFR Part 63, Subpart QQQQQ, National Emission Standards
34 for Hazardous Air Pollutants for Friction Materials Manufacturing
35 Facilities.

36 (94) 40 CFR Part 63, Subpart RRRRR, National Emission Standards
37 for Hazardous Air Pollutants for Taconite Iron Ore Processing.

38 (95) 40 CFR Part 63, Subpart SSSSS, National Emission Standards
39 for Hazardous Air Pollutants for Refractory Products Manufacturing.

40 (96) 40 CFR Part 63, Subpart TTTTT, National Emission Standards
41 for Hazardous Air Pollutants for Primary Magnesium Refining.

42 (97) 40 CFR Part 63, Subpart UUUUU, National Emission Standards
43 for Hazardous Air Pollutants for Coal- and Oil-Fired Electric Utility
44 Steam Generating Units.

45 (98) 40 CFR Part 63, Subpart WWWW, National Emission Standards
46 for Hospital Ethylene Oxide Sterilizers.

47 (99) 40 CFR Part 63, Subpart YYYYY, National Emission Standards
48 for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace
49 Steelmaking Facilities.

50 (100) 40 CFR Part 63, Subpart ZZZZZ, National Emission Standards
51 for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources.

1 (101) 40 CFR Part 63 Subpart BBBBBB National Emission Standards
2 for Hazardous Air Pollutants for Source Category: Gasoline
3 Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
4 (102) 40 CFR Part 63 Subpart CCCCCC National Emission Standards
5 for Hazardous Air Pollutants for Source Category: Gasoline Dispensing
6 Facilities.
7 (103) 40 CFR Part 63, Subpart DDDDDD, National Emission
8 Standards for Hazardous Air Pollutants for Polyvinyl Chloride and
9 Copolymers Production Area Sources.
10 (104) 40 CFR Part 63, Subpart EEEEEEE, National Emission
11 Standards for Hazardous Air Pollutants for Primary Copper Smelting
12 Area Sources.
13 (105) 40 CFR Part 63, Subpart FFFFFFF, National Emission
14 Standards for Hazardous Air Pollutants for Secondary Copper Smelting
15 Area Sources.
16 (106) 40 CFR Part 63, Subpart GGGGGG, National Emission
17 Standards for Hazardous Air Pollutants for Primary Nonferrous Metals
18 Area Sources--Zinc, Cadmium, and Beryllium.
19 (107) 40 CFR Part 63, Subpart JJJJJJ, National Emission
20 Standards for Hazardous Air Pollutants for Industrial, Commercial,
21 and Institutional Boilers Area Sources.
22 (108) 40 CFR Part 63, Subpart LLLLLL, National Emission
23 Standards for Hazardous Air Pollutants for Acrylic and Modacrylic
24 Fibers Production Area Sources.
25 (109) 40 CFR Part 63, Subpart MMMMMM, National Emission
26 Standards for Hazardous Air Pollutants for Carbon Black Production
27 Area Sources.
28 (110) 40 CFR Part 63, Subpart NNNNNN, National Emission
29 Standards for Hazardous Air Pollutants for Chemical Manufacturing
30 Area Sources: Chromium Compounds.
31 (111) 40 CFR Part 63, Subpart OOOOOO, National Emission
32 Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam
33 Production and Fabrication Area Sources.
34 (112) 40 CFR Part 63, Subpart PPPPPP, National Emission
35 Standards for Hazardous Air Pollutants for Lead Acid Battery
36 Manufacturing Area Sources.
37 (113) 40 CFR Part 63, Subpart QQQQQQ, National Emission
38 Standards for Hazardous Air Pollutants for Wood Preserving Area
39 Sources.
40 (114) 40 CFR Part 63, Subpart RRRRRR, National Emission
41 Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing
42 Area Sources.
43 (115) 40 CFR Part 63, Subpart SSSSSS, National Emission
44 Standards for Hazardous Air Pollutants for Glass Manufacturing Area
45 Sources.
46 (116) 40 CFR Part 63, Subpart VVVVVV, National Emission
47 Standards for Hazardous Air Pollutants for Chemical Manufacturing
48 Area Sources.
49 (117) 40 CFR Part 63, Subpart TTTTTT, National Emission
50 Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals
51 Processing Area Sources.

1 (118) 40 CFR Part 63, Subpart WWWWWW, National Emission
2 Standards for Hazardous Air Pollutants: Area Source Standards for
3 Plating and Polishing Operations.

4 (119) 40 CFR Part 63, Subpart XXXXXX, National Emission
5 Standards for Hazardous Air Pollutants Area Source Standards for Nine
6 Metal Fabrication and Finishing Source Categories.

7 (120) 40 CFR Part 63, Subpart YYYYYY, National Emission
8 Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys
9 Production Facilities.

10 (121) 40 CFR Part 63, Subpart ZZZZZZ, National Emission
11 Standards for Hazardous Air Pollutants: Area Source Standards for
12 Aluminum, Copper, and Other Nonferrous Foundries.

13 (122) 40 CFR Part 63, Subpart AAAAAAA, National Emission
14 Standards for Hazardous Air Pollutants for Area Sources: Asphalt
15 Processing and Asphalt Roofing Manufacturing.

16 (123) 40 CFR Part 63, Subpart BBBBBBB, National Emission
17 Standards for Hazardous Air Pollutants for Area Sources: Chemical
18 Preparations Industry.

19 (124) 40 CFR Part 63, Subpart CCCCCC, National Emission
20 Standards for Hazardous Air Pollutants for Area Sources: Paints and
21 Allied Products Manufacturing.

22 (125) 40 CFR Part 63, Subpart DDDDDDD, National Emission
23 Standards for Hazardous Air Pollutants for Area Sources: Prepared
24 Feeds Manufacturing.

25 (126) 40 CFR Part 63, Subpart EEEEEEE, National Emission
26 Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and
27 Production Area Source Category.

28
29 **KEY: air pollution, hazardous air pollutant, MACT, NESHAP**

30 **Date of Enactment or Last Substantive Amendment: [~~August 7, 2014~~]2015**

31 **Notice of Continuation: November 8, 2012**

32 **Authorizing, and Implemented or Interpreted Law: 19-2-104(1)(a)**