

3745-27-99 Requirements for professional engineer certification of plans, specifications, and information.

(A) Applicability.

This rule applies to plans, specifications, or information submitted to Ohio EPA for review, consideration, or decision as part of an application for permit to install, license, or registration; any other request for authorization submitted under Chapter 3734. of the Revised Code or Chapter 3745-27, 3745-29, or 3745-30 of the Administrative Code; or any other submittal intended to demonstrate compliance with any statute, rule, or authorization.

(B) Certification requirements:

(1) The following plan drawings shall be prepared and sealed by a licensed professional engineer:

- (a) Plan drawings prepared and submitted as part of a permit to install application pursuant to one or a combination of the following:
 - (i) Paragraphs (B)(3)(b), (B)(3)(c), (B)(3)(e) to (B)(3)(h), (B)(4), (B)(5)(b) to (B)(5)(d), (B)(6), and (B)(7) of rule 3745-27-06 of the Administrative Code, for a sanitary landfill facility.
 - (ii) Paragraph (B)(3) of rule 3745-27-21 of the Administrative Code, for a solid waste transfer facility.
 - (iii) Paragraphs (B)(3) to (B)(5) of rule 3745-27-37 of the Administrative Code, for an infectious waste treatment facility.
 - (iv) Paragraphs (B)(3) to (B)(5) of rule 3745-27-50 of the Administrative Code, for a solid waste incinerator facility.
 - (v) Paragraphs (C)(4) to (C)(7) of rule 3745-27-63 of the Administrative Code, for a class I scrap tire storage facility or class I scrap tire recovery facility.
 - (vi) Paragraphs (B)(3)(b), (B)(3)(e) to (B)(3)(h), (B)(4), (B)(5)(b), (B)(6), and (B)(7) of rule 3745-27-70 of the Administrative Code, for a scrap tire monofill facility.
 - (vii) Paragraphs (B)(3)(b), (B)(3)(c), (B)(3)(e) to (B)(3)(h), (B)(4), (B)(5)(b) to (B)(5)(d), (B)(6), and (B)(7) of rule 3745-29-06 of the Administrative Code, for an industrial solid waste landfill facility.
 - (viii) Paragraphs (B)(3)(b), (B)(3)(c), (B)(3)(e) to (B)(3)(h), (B)(4), (B)(5)(b) to (B)(5)(d), (B)(6), and (B)(7) of rule 3745-30-05 of the Administrative Code, for a residual waste landfill facility.
- (b) Plan drawings prepared and submitted as part of a plan or report pursuant to one or a combination of the following:
 - (i) Paragraphs (E)(9), (G), and (H) of rule 3745-27-08 of the Administrative Code, for a sanitary landfill facility test pad certification report, pre-construction interface testing report, and construction certification report.
 - (ii) Paragraphs (B)(5)(a) to (B)(5)(e) of rule 3745-27-11 of the Administrative Code, for a sanitary landfill facility closure/post-closure plan.
 - (iii) Paragraph (D)(1) of rule 3745-27-23 of the Administrative Code, for a solid waste transfer

facility construction certification report.

- (iv) Paragraph (H) of rule 3745-27-72 of the Administrative Code, for a scrap tire monofill facility construction certification report.
- (v) Paragraphs (B)(4) and (J) of rule 3745-27-73 of the Administrative Code, for a scrap tire monofill facility closure certification.
- (vi) Paragraphs (E)(9), (G), and (H) of rule 3745-29-08 of the Administrative Code, for an industrial solid waste landfill facility test pad certification report, pre-construction interface testing report, and construction certification report.
- (vii) Paragraphs (B)(4)(a) to (B)(4)(e) of rule 3745-29-11 of the Administrative Code, for an industrial solid waste landfill facility closure/post-closure plan.
- (viii) Paragraph (B) of rule 3745-30-07 of the Administrative Code, for a residual waste landfill facility construction certification report.
- (ix) Paragraphs (A)(4)(a) to (A)(4)(e), (A)(5), and (A)(6) of rule 3745-30-09 of the Administrative Code, a for residual waste landfill facility closure/post-closure plan.
- (x) Paragraph (H) of rule 3745-30-09 of the Administrative Code, for a residual waste landfill facility closure certification report.

(2) The following narrative plans, specifications, and information shall be prepared and sealed by a licensed professional engineer:

- (a) Narrative information prepared and submitted as part of a permit to install application pursuant to one or a combination of the following:
 - (i) Paragraphs (C)(4) to (C)(7), (C)(9)(c), and (C)(9)(d) of rule 3745-27-06 of the Administrative Code, for a sanitary landfill facility.
 - (ii) Paragraph (C)(2) of rule 3745-27-37 of the Administrative Code, for an infectious waste treatment facility.
 - (iii) Paragraphs (C)(3)(b) and (C)(3)(d) of rule 3745-27-50 of the Administrative Code, for a solid waste incinerator facility.
 - (iv) Paragraphs (C)(4) to (C)(6) and (C)(8) of rule 3745-27-70 of the Administrative Code, for a scrap tire monofill facility.
 - (v) Paragraphs (C)(4) to (C)(7), (C)(8)(c), and (C)(8)(d) of rule 3745-29-06 of the Administrative Code, for an industrial solid waste landfill facility.
 - (vi) Paragraphs (C)(5) to (C)(8), (C)(9)(c), and (C)(9)(d) of rule 3745-30-05 of the Administrative Code, for a residual waste landfill facility.
- (b) Narrative information prepared and submitted as part of a plan or report pursuant to one or a combination of the following:
 - (i) Paragraphs (E)(9), (G), and (H) of rule 3745-27-08 of the Administrative Code, for a sanitary landfill facility test pad certification report, pre-construction interface testing report, and

construction certification report.

- (ii) Paragraphs (B)(5)(e), (B)(6), (B)(7), (B)(9), and (B)(10) of rule 3745-27-11 of the Administrative Code, for a sanitary landfill facility closure/post-closure plan.
 - (iii) Paragraph (B) of rule 3745-27-14 of the Administrative Code, for a sanitary landfill post-closure certification.
 - (iv) Paragraph (D)(1) of rule 3745-27-23 of the Administrative Code, for a solid waste transfer facility construction certification report.
 - (v) Paragraph (H) of rule 3745-27-72 of the Administrative code, for a scrap tire monofill facility construction certification report.
 - (vi) Paragraphs (B)(5) to (B)(8), and (J) of rule 3745-27-73 of the Administrative Code, for a scrap tire monofill facility closure plan and closure certification.
 - (vii) Paragraph (B) of rule 3745-27-74 of the Administrative Code, for a scrap tire monofill post-closure certification.
 - (viii) Paragraphs (E)(9), (G), and (H) of rule 3745-29-08 of the Administrative Code, for an industrial solid waste landfill facility test pad certification report, pre-construction interface testing report, and construction certification report.
 - (ix) Paragraphs (B)(4)(e) and (B)(5) to (B)(10) of rule 3745-29-11 of the Administrative Code, for an industrial solid waste landfill facility closure/post-closure plan.
 - (x) Paragraph (B) of rule 3745-29-14 of the Administrative Code, for an industrial solid waste landfill facility post-closure certification.
 - (xi) Paragraph (B) of rule 3745-30-07 of the Administrative Code, for a residual waste landfill facility construction certification report.
 - (xii) Paragraphs (A)(4)(e) and (A)(5) to (A)(9) of rule 3745-30-09 of the Administrative Code, for a residual waste landfill facility closure/post-closure plan.
 - (xiii) Paragraph (H) of rule 3745-30-09 of the Administrative Code, for a residual waste landfill facility closure certification report.
 - (xiv) Paragraph (D) of rule 3745-30-10 of the Administrative Code, for a residual waste landfill facility post-closure certification.
- (3) The following plans, specifications, and information may be required to be prepared and sealed by a licensed professional engineer. Such requirement is dependent upon the scope of the activities proposed in the plans, specifications, and information and whether such activities constitute the practice of engineering pursuant to Chapter 4733. of the Revised Code.
- [Comment: Those portions of the following authorization requests which constitute the practice of engineering are required to have affixed a professional engineer seal. Those portions which do not constitute the practice of engineering, such as general discussion, hydrogeologic analyses, and operational information do not require affixation of a professional engineer seal.]
- (a) Request for authorization to engage in filling, grading, excavating, building, drilling, or mining on a closed solid waste facility pursuant to rule 3745-27-13 of the Administrative Code.

- (b) Request for authorization to beneficially use scrap tires pursuant to rule 3745-27-78 of the Administrative Code.
- (c) Request for authorization of corrective measures plan.
- (d) Request for variance pursuant to division (A) section 3734.02 of the Revised Code, rule 3745-27-03 of the Administrative Code, or rule 3745-30-15 of the Administrative Code.
- (e) Request for exemption pursuant to division (G) section 3734.02 of the Revised Code, or rule 3745-27-03 of the Administrative Code.
- (f) Request for other method of disposal pursuant to paragraph (A)(4) of rule 3745-27-05 of the Administrative Code.
- (g) Any other request for authorization, as required by the director of environmental protection.

Effective: 05/25/2015

Five Year Review (FYR) Dates: 03/09/2015 and 05/25/2020

CERTIFIED ELECTRONICALLY

Certification

05/15/2015

Date

Promulgated Under: 119.03
Statutory Authority: 3734.02, 3734.12
Rule Amplifies: 3734.02, 3734.12
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