

RULE 1100 IMPLEMENTATION SCHEDULE FOR NO_x FACILITIES

(a) Purpose

The purpose of this rule is to establish the implementation schedule for Regulation XX NO_x RECLAIM facilities that are transitioning to a command-and-control regulatory structure.

(b) Applicability

This rule applies to NO_x RECLAIM facilities that are transitioning to the following command-and-control rules:

- (1) Rule 1146 – Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
- (2) Rule 1146.1 – Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters

(c) Definitions

- (1) BTU means British thermal unit or units.
- (2) HEAT INPUT means the chemical heat released due to fuel combustion in a unit, using the higher heating value of the fuel. This does not include the sensible heat of incoming combustion air.
- (3) INDUSTRY-SPECIFIC CATEGORY means a RECLAIM facility that would be subject to an industry-wide rule and consists of refineries and electricity generating facilities.
- (4) NO_x EMISSIONS means the sum of nitrogen oxide and nitrogen dioxide in the flue gas, collectively expressed as nitrogen dioxide.
- (5) RATED HEAT INPUT CAPACITY means the heat input capacity specified on the nameplate of the combustion unit. If the combustion unit has been altered or modified such that its maximum heat input is different than the heat input capacity specified on the nameplate, the new maximum heat input shall be considered as the rated heat input capacity.
- (6) RECLAIM FACILITY means a facility that is currently or was in the Regional Clean Air Incentives Market as established in Regulation XX.
- (7) RULE 1146 UNIT means any boiler, steam generator, water heater or process heater as defined in Rule 1146 paragraph (b)(5) or (b)(17) that is equal to or

greater than 5 million Btu per hour rated heat input capacity with the exception of:

- (A) boilers used by electric utilities to generate electricity; and
 - (B) boilers and process heaters with a rated heat input capacity greater than 40 million Btu per hour that are used in petroleum refineries; and
 - (C) sulfur plant reaction boilers.
- (8) RULE 1146.1 UNIT means any boiler, steam generator, or process heater as defined in Rule 1146.1 paragraph (b)(4) or (b)(12) that is greater than 2 million Btu per hour and less than 5 million Btu per hour rated heat input capacity.

(d) Implementation Schedule

(1)	Rule 1146 and Rule 1146.1 An owner or operator of a RECLAIM facility with any Rule 1146 Units or any Rule 1146.1 Units shall:	
	(A)	On or before August 1, 2018, submit complete permit applications for any Rule 1146 and Rule 1146.1 Units that currently do not meet the applicable NOx concentration limit specified in paragraph (d)(2);
	(B)	On or before January 1, 2021 meet the applicable NOx concentration limit for a minimum of 75% of the total heat input for all Rule 1146 and Rule 1146.1 Units; and
	(C)	On or before January 1, 2022 meet the applicable NOx concentration limit of 100% of Rule 1146 and Rule 1146.1 Units (by heat input).
(2)	The applicable NOx concentration limit specified in subparagraphs (d)(1)(A) and (d)(1)(B) are as follows:	
	(A)	Rule 1146 Units shall meet the NOx concentration limit for the category of equipment specified in Rule 1146, Table 1146-1 – Standard Compliance Limits and Schedule;
	(B)	Rule 1146.1 Units shall meet the NOx concentration limit for the category of equipment specified in Rule 1146.1, Table 1146.1-1; and
	(C)	Rule 1146.1 Units that meet the applicability provisions specified in Rule 1146.1 paragraph (c)(8) shall meet the NOx concentration limit specified in Rule 1146.1 paragraph (c)(8).

- (3) All Title V facilities subject to this rule shall comply with the as amended monitoring, reporting, and recordkeeping requirements specified in Rule 2012.
- (4) Any RECLAIM facility that is subject to an industry-specific rule is not subject to the requirements contained in this subdivision.