

From: US EPA/OAR/OAQPS

Date: January 5, 2021

Subject: Current Timeline for Activities Needed for Continued Development of EPA Air Pollution Control Cost Manual, 7th Edition

Background: This is an updated version of the timeline developed as of August 2018 for completion of the 7th edition of the EPA Air Pollution Control Cost Manual (henceforth the “Control Cost Manual”). The timeline covers a timespan from the present until December 31, 2024, a change from the previous completion date of September 30, 2022. It includes all milestones (e.g., completed chapters) until the projected end date of the full Control Cost Manual update. The priority of activity reflects input from our stakeholders. This timeline includes preparation of several chapters that are new to the Control Cost Manual – two on combustion controls for NO_x reductions, one for dry sorbent injection (DSI), and one for activated carbon injection (ACI). These new chapters reflect input from EPA staff and management and requests from stakeholders to inform the eventual contents of this updated version of the Control Cost Manual. The timeline also reflects some delays from the original timeline given the need for additional input and review for recent Control Cost Manual chapters. We note that the VOC chapters are now complete, and there are no current plans to update those chapters.

This timeline reflects recent experience concerning the amount of time needed for the components of the effort for each chapter. Finalization of the wet and dry scrubbers chapter will occur in FY 2021. Preparation and completion of the DSI and low NO_x burners chapters will begin in FY 2021 and end in FY2022. Preparation and completion of the fabric filter (FF) and electrostatic precipitator (ESP) chapters will begin in FY2022 and end in FY2023, as well as preparation and completion of the second NO_x combustion chapter. Preparation and completion of the Generic Equipment chapters (hoods, ductwork; permanent total enclosures; and monitors) and the ACI chapter are now in FY2023 and FY2024, respectively. The listing of milestones generally reflects the projected order of completion for each task.

This path of completion will help allow the NO_x combustion control chapters to be available for States to use in State Implementation Plan (SIP) development for compliance with the 2015 ozone National Ambient Air Quality Standard (NAAQS). As has been the case, draft chapters will be made available for public comment through a Notice of Data Availability (NODA) in the Federal Register. Each final chapter will also be accompanied by a response to comments (RTC) document and a spreadsheet that allows users to apply the cost equations and data from each chapter. All draft and final products will be posted on an EPA web site housing the Control Cost Manual (<https://www.epa.gov/economic-and-cost-analysis-air-pollution-regulations/cost-reports-and-guidance-air-pollution#cost%20manual>). The acronym FY in the timeline below stands for Fiscal Year, which for the Federal government is from October 1 to September 30. New chapters are identified in red below on page 2.

7th Edition Development from December 2020 Until End Date (December 31, 2024– end of 1st quarter FY25)

Remaining Milestones for 7th Edition of Control Cost Manual
FY 2021
Completion of final Wet and Dry Scrubbers chapter
Completion of draft Low NOx Burners chapter
Begin work on draft DSI chapter
Begin work on draft NOx combustion controls chapter
FY2022
Completion of final Low NOx Burners chapter
Completion of draft NOx combustion controls chapter
Completion of draft DSI chapter
Completion of final DSI chapter
Begin work on FF chapter
Begin work on ESP chapter
FY2023
Completion of draft and final FF chapter
Completion of draft ESP chapter
Completion of final NOx combustion controls chapter
Begin work on ACI chapter
FY2024
Begin work on Generic Equipment chapters
Completion of final ESP chapter
Completion of work on draft ACI chapter
Completion of work on draft Generic Equipment chapters
FY2025
Completion of work on final Generic Equipment chapters
Completion of work on final ACI chapter