

From: US EPA/OAR/OAQPS

Date: August 4, 2016

Subject: Timeline for Activities Needed for Development of EPA Air Pollution Control Cost Manual, 7th Edition – Revised to Include Completing 3 New Control Cost Manual chapters

Background: This is an updated version of the timeline for completion of the 7th edition of the Control Cost Manual. The timeline covers a timespan from the present until April 30, 2021, begins with the start of outreach efforts to stakeholders in 2014, and includes all milestones (e.g., completed chapters) until the end date. The priority of activity includes input from our stakeholders. This timeline now includes preparation of chapters that are new to the Control Cost Manual – combustion controls for NO_x, dry sorbent injection (DSI), and activated carbon injection (ACI). These new chapters reflect recent input from EPA and stakeholders on the contents of the Control Cost Manual. In this timeline, preparation of the NO_x combustion control chapter begins in FY2017 and ends in FY2018. Preparation and completion of the DSI and ACI chapters will occur in FY2019 and FY2020, respectively. Preparation and completion of the Generic Equipment chapters (hoods, ductwork; permanent total enclosures; and monitors) have been moved from FY2017-18 to FY2021. This path of completion will help allow the NO_x combustion control chapter to be available for States to use in SIP development for compliance with the 2015 ozone National Ambient Air Quality Standard (NAAQS).

Chapters will be made available for public comment through a Notice of Data Availability (NODA) in the Federal Register. Each chapter published in a NODA will also include a response to comments (RTC) document and a spreadsheet that allow users to apply the cost equations and data from each chapter. 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.

7th Edition Development Plan Timeline*

Task for New Control Cost Manual Version	Completed?
Outreach to state, local, & tribal agencies (These groups are specifically mentioned in the 2014 Consolidated Appropriations Act). Outreach to environmental groups and industry and other groups such as Multi-Jurisdictional Organizations (MJOs).	Yes
	FY 2015
Revisions to SNCR Chapter	Yes
Revisions to SCR Chapter	Yes
Review by EPA and Public of SNCR Chapter	Yes
Review by EPA and Public of SCR Chapter	Yes
Revisions to Background and Cost Estimation Chapters	Yes
	FY 2016
Review by EPA and Public of Background and Cost Estimation Chapters	No

Beginning work on revising the following VOC control measure chapters: Incinerators, Carbon absorbers, Refrigerated condensers, Flares	Yes
Completion of work on SNCR and SCR chapters	Yes
Completion of work on Background and Cost Estimation Chapters	No
Completion of work to revise VOC control measure chapters (Incinerators, Carbon absorbers, Refrigerated condensers, Flares), including review of the chapters within EPA	No
Beginning work on revising the chapter on wet scrubbers for acid gas (SO2 control)	No
	FY 2017
Beginning work on PM control measure chapters (baghouses/fabric filters, wet scrubbers for particulate matter, electrostatic precipitators)	No
Review by Public of VOC control measure chapters, and Completion of work on those chapters	No
Completion of work to revise SO2 control measure chapter (wet scrubbers for acid gas), including review of the chapter within EPA and outside the Agency	No
Beginning work on preparing draft NOx combustion control chapter	No
	FY 2018
Review by EPA and Public of PM control measure chapters, and Completion of work on these chapters	No
Completion of work to prepare draft NOx combustion control chapter	
Review by Public of draft NOx combustion control chapter, and Completion of work on final chapter	No
	FY 2019
Beginning work on preparing draft dry sorbent injection (DSI) chapter	
Completion of work to prepare draft DSI chapter	
Review by Public of draft DSI chapter, and Completion of work on final chapter	
	FY 2020
Beginning work on preparing activated carbon injection (ACI) chapter	
Completion of work to prepare draft ACI chapter	
Review by Public of draft ACI chapter, and Completion of work on final chapter	
	FY 2021
Beginning work on Generic Equipment chapters (hoods, ductwork; permanent total enclosures; monitors)	
Completion of work to prepare draft Generic Equipment chapters	
Review by Public of draft Generic Equipment chapters, and Completion of work on final chapters	April 2021

*FY 2016, the current Fiscal Year, runs from October 1, 2015 to September 30, 2016.