

MACT CC-Cooling Tower Sample Rule Template

Client Confirmation	
Database Name	
Regulation	MACT CC
Rule Description	40 CFR 63.354
Rule Name	MACT_CC-Cooling_Tower
Developed by	Z CHEN
Modified by	
Approved by	
Date Approved	
Effective Date	
Replacing Existing Rules	

Rule Meetings		
Date	Attendees	ID #
		1

Notes & Comments
https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-CC/section-63.654#p-63.6
https://www.tceq.texas.gov/downloads/compliance/investigations/assistance/samplingagppp.pdf
Section 6.1.5 calls for average readings for determining air strippable concentration

M21 Exemptions		
	Value	Comment
< 300 hrs		
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum		

AVO Exemptions		
	Value	Comment
< 300 hrs		
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum		

OGI Exemptions		
	Value	Comment
< 300 hrs		
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum		

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Cooling Tower Exemptions		
	Value	Comment
< 300 hrs		
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum		
Cooling Water >35 kPa	Y	40 CFR 63.654(b)(1)
<5% HAP	Y	40 CFR 63.654(b)(2)

M21 Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments

AVO Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments

OGI Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments

Cooling Tower Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments
							Monthly	40 CFR 63.654(c)(4)(i)
							Quarterly	40 CFR 63.654(c)(4)(ii)

If using 3.1 PPM Leak Action Level

M21 Initial Monitoring	Should Exempt components be scheduled for initial monitoring? (Y/N)							
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Days to Respond	Comments

AVO Initial Monitoring	Should Exempt components be scheduled for initial monitoring? (Y/N)							
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Days to Respond	Comments

OGI Initial Monitoring	Should Exempt components be scheduled for initial monitoring? (Y/N)							
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Days to Respond	Comments

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Cooling Tower Initial Monitoring								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Days to Respond	Comments

M21 Delay Monitoring					
Type	SubType	SubSubType	Physical State	Days	Comments

M21 Leak Rates								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	Comments

Cooling Tower Leak Rates								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	Comments
							6.2	40 CFR 63.654(c)(4)(i)
							3.1	40 CFR 63.654(c)(4)(ii) If only monitoring Quarterly

M21 PPM Response											
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	1 st Att	1 st ReTest	Final Resolution	Comments

OGI Response										
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	1 st Att	1 st ReTest	Final Resolution	Comments

Cooling Tower PPM Response											
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	1 st Att	1 st ReTest	Final Resolution	Comments
							6.2	45	45	45	40 CFR 63.654(d)
							3.1	45	45	45	40 CFR 63.654(d) If only monitoring Quarterly

Rule Assignment

Property	Value