

UU Sample Rule Template

Client Confirmation	
Database Name	
Regulation	UU
Rule Description	40 CFR 63 Subpart UU
Rule Name	UU
Developed by	Z. CHEN
Modified by	
Approved by	
Date Approved	
Effective Date	
Replacing Existing Rules	NO

M21 Exemptions		
	Value	Comment
< 300 hrs	Y	40 CFR 63.1019(d)
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum	Y	40 CFR 63.1019(c)

AVO Exemptions		
	Value	Comment
< 300 hrs	Y	40 CFR 63.1019(d)
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum	Y	40 CFR 63.1019(c)

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

Rule Meetings		
Date	Attendees	ID #
		1

Notes & Comments	

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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		

M21 Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments
Valve			GV				Quarterly	40 CFR 63.1025(b)(3)
Valve			LL				Quarterly	40 CFR 63.1025(b)(3)
Valve			GV	Y			Exempt	40 CFR 63.1025(e)
Valve			LL	Y			Exempt	40 CFR 63.1025(e)
Valve			HL				Exempt	No frequency mentioned
Pump			LL				Monthly	40 CFR 63.1026(b)(1)
Pump			LL	Y			Exempt	40 CFR 63.1026(e)(6)
Pump	No External Shaft		LL				Exempt	40 CFR 63.1026(e)(2)
Pump			HL				Exempt	No frequency mentioned
Connector			GV				Annual	40 CFR 63.1027(b)(3)
Connector			LL				Annual	40 CFR 63.1027(b)(3)
Connector			GV	Y			Exempt	40 CFR 63.1027(e)(1)
Connector			LL	Y			Exempt	40 CFR 63.1027(e)(1)
Connector			HL				Exempt	No frequency mentioned
Agitator			GV				Monthly	40 CFR 63.1028(c)(1)
Agitator			LL				Monthly	40 CFR 63.1028(c)(1)
Agitator			GV	Y			Exempt	40 CFR 63.1028(e)(7)
Agitator			LL	Y			Exempt	40 CFR 63.1028(e)(7)
Agitator			HL				Exempt	No frequency mentioned
PRV							Exempt	No frequency mentioned
Compressor							Annual	40 CFR 63.1031(f)(1)

AVO Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments
Pump			LL				Weekly	40 CFR 63.1026(e)(1)(v)
Agitator			GV				Weekly	40 CFR 63.1028(c)(3)(i)
Agitator			HL				Weekly	40 CFR 63.1028(c)(3)(i)

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

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Cooling Tower Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments

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
Connector			GV				365	40 CFR 63.1027(a)
Connector			LL				365	40 CFR 63.1027(a)
Compressor							365	40 CFR 63.1031(f)(1)

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

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
Valve			GV	90	40 CFR 63.1025(d)(2)
Valve			LL	90	40 CFR 63.1025(d)(2)
Connector			GV	90	40 CFR 63.1027(b)(3)
Connector			LL	90	40 CFR 63.1027(b)(3)

M21 Leak Rates								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	Comments
Valve							500	40 CFR 63.1025(b)(2)
Pump			LL				1,000	40 CFR 63.1026(b)(2)(iii)
Pump			HL				2,000	40 CFR 63.1029(b)(2)
Connector							500	40 CFR 63.1027(b)(2)
Agitator							10,000	40 CFR 63.1028(c)(2)
Instrument System							500	40 CFR 63.1029(b)(2)
PRV							500	40 CFR 63.1029(b)(2)
Compressor							500	40 CFR 63.1031(f)(1)

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

M21 PPM Response											
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	PPM	1 st Att	1 st ReTest	Final Resolution	Comments
Valve							500	5	5	15	40 CFR 63.1024(a)
Pump			LL				2,000	5	5	15	40 CFR 63.1026(b)(3)
Pump			HL				2,000	5	5	15	40 CFR 63.1024(a)
Connector							500	5	5	15	40 CFR 63.1024(a)
Agitator							10,000	5	5	15	40 CFR 63.1024(a)
Instrument System							500	5	5	15	40 CFR 63.1024(a)
PRV							500	5	5	15	40 CFR 63.1024(a)
PRV			GV				500	5	5	5	40 CFR 63.1030(c)(1)
Compressor							500	5	5	15	40 CFR 63.1031(f)(1)

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

Rule Assignment

Property	Value