VV Sample Rule Template

Client Confirmation	
Database Name	
Regulation	VV
Rule Description	40 CFR 60 Subpart VV
Rule Name	VV
Developed by	Z. CHEN
Modified by	
Approved by	
Date Approved	
Effective Date	
Replacing Existing Rules	

Rule Meetings		
Date	Attendees	ID #
		1

Notes & Comments

M21 Exemptions		
	Value	Comment
< 300 hrs	Y	40 CFR 60.482 1(e)
Inaccessible-ElevatedConnector		
Inaccessible-Buried		
Inaccessible-General		
Inaccessible-Obstructed		
Insulation		
Non-VOC		
Unmanned Site		
UTM		
Vacuum	Y	40 CFR 60.482 1(d)

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		

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
Pump			LL				Monthly	40 CFR 60.482 2(a)(1)
Pump	DMS		LL				Exempt	40 CFR 60.482 2(d)
Pump			LL		Y		Annual	40 CFR 60.482 2(e)
Pump			LL			Y	Exempt	40 CFR 60.482 2(f)
Pump			LL	Y			Exempt	40 CFR 60.482 2(g)
Valve			GV				MMQ	40 CFR 60.482 7(a)(1)
Valve			LL				MMQ	40 CFR 60.482 7(a)(1)
Valve			GV		Y		Annual	40 CFR 60.482 7(f)
Valve			LL		Y		Annual	40 CFR 60.482 7(f)
Valve			GV	Y			Exempt	40 CFR 60.482 7(g)
Valve			LL	Y			Exempt	40 CFR 60.482 7(g)
CVS	Duct Work						Annual	40 CFR 60.482 10(f)(2)(ii)
CVS				Y			Exempt	40 CFR 60.482 10(j)
Compressor					Y		Annual	40 CFR 60.482 3(i)(2)

AVO Frequency								
Type	SubType	SubSubType	Physical State	UTM	NDE	CVS	Frequency	Comments
Pump			LL				Weekly	40 CFR 60.482 2(a)(2)
Pump	Unmanned Site		LL				Monthly	40 CFR 60.482 2(h)
CVS	Hard Piping						Annual	40 CFR 60.482 10(f)(1)(ii)

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

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**
Pump			LL				30	40 CFR 60.482 2(a)(1)
Valve			LL				30	40 CFR 60.482 7(a)(2)(i)
Valve			GV				30	40 CFR 60.482 7(a)(2)(i)
Valve			LL		Y		30	40 CFR 60.482 7(f)(3)
Valve			GV		Y		30	40 CFR 60.482 7(f)(3)
CVS	Hard Piping						30	40 CFR 60.482 10(f)(1)(i)
CVS	Duct Work						30	40 CFR 60.482 10(f)(2)(i)
Compressor					Y		30	40 CFR 60.482 3(i)(2)

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**

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**

M21 PPM Response											
Type	**SubType**	**SubSubType**	**Physical State**	**UTM**	**NDE**	**CVS**	**PPM**	**1st Att**	**1st ReTest**	**Final Resolution**	**Comments**
Pump			LL				10,000	5	5	15	40 CFR 60.482 2(b)(1)
Pump			LL		Y		500	5	5	15	40 CFR 60.482 2(e)(2)
Pump			HL				10,000	5	5	15	40 CFR 60.482 8(b)
Valve			LL				10,000	5	5	15	40 CFR 60.482 7(b)
Valve			GV				10,000	5	5	15	40 CFR 60.482 7(b)
Valve			LL		Y		500	5	5	15	40 CFR 60.482 7(f)(3)
Valve			GV		Y		500	5	5	15	40 CFR 60.482 7(f)(3)
Valve			HL				10,000	5	5	15	40 CFR 60.482 8(b)
PRV			LL				10,000	5	5	15	40 CFR 60.482 8(b)
PRV			HL				10,000	5	5	15	40 CFR 60.482 8(b)
Connector							10,000	5	5	15	40 CFR 60.482 8(b)
CVS							500	5	5	15	40 CFR 60.482 10(g)
Compressor					Y		500	5	5	15	40 CFR 60.482 3(i)(1)

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

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

Rule Assignment

Property	Value