



ALTERNATE MEANS OF CONTROL - VALVE

SECTION A - IDENTIFY VALVE FOR WHICH AMC NEEDED

ZONE VALVE – B-38

LAN ID:

Redacted

DATE:

9/11/13

1. VALVE DESIGNATION:

2. PLAT 7B06

3. BLOCK 23

4. ADDRESS – Redacted

OAKLAND

5. OPERATING MAP/DIAG (TRANSMISSION ONLY)

LINE#

MILEPOINT:

7. COMMENTS (LONG TEXT):

PROCEDURE TO ISOLATE ZONE THAT VALVE B-38 COVERS IN CASE OF AN EMERGENCY. ALL ALTERNATE VALVES LISTED BELOW ARE IN OAKLAND.

8. OPERATING MODES:

- NORMAL, WIDE OPEN
- NORMAL, FULLY CLOSED
- STATION ISOLATION
- ZONE SHUTDOWN
- THROTTLING
- TAP VALVE, BRANCH ISOLATION
- FIRE VALVE
- OTHER ___

Instructions for filling out form

1. Section A – Fully identify the valve that is found to be inoperable. Check all the operating modes that the inoperable valve is used.
2. Section B – Identify all the valves to be used as alternate means of control.
3. Section C – Write a sequence of operations for each mode of operation. Normal states are for reference only. “Tagged”, “Completed by” and “Time/Date” columns should be left blank until the sequence is executed.
4. Completed form shall be filed with the current valve maintenance card.
5. Fire Valves: In most cases the valve maintenance card for fire valves will be kept with the reg station maintenance folder. Where it isn’t a copy of this form is to be kept with the reg station maintenance folder as well as where the valve maintenance card is kept.

SECTION B – IDENTIFY ALTERNATE VALVES (DISTRIBUTION)

DESIGNATION

PLAT

BLOCK

ADDRESS

REFER TO SECTION C FOR COMPLETE LIST

IDENTIFY ALTERNATE VALVES (TRANSMISSION)

DESIGNATION

OPERATING MAP/DIAG

LINE#

MILEPOINT:

1. -

-

-

-

2. -

-

-

-

SECTION C – ALTERNATE SEQUENCE OF OPERATIONS

OPERATING MODE #1 (FROM STEP 8)

<u>OERN NO.</u>	<u>LOCATION</u>	<u>OPERATION</u>	<u>valve no</u>	<u>TAGGED</u>	<u>REMARKS</u>	<u>COMPLETED BY</u>	<u>TIME/DATE</u>
	Redacted	CLOSE	T-81		NORMALLY OPEN	-	-
		CLOSE	T-82		NORMALLY OPEN	-	-
		CLOSE	T-83		NORMALLY OPEN	-	-
		CLOSE	T-86		NORMALLY OPEN	-	-
		CLOSE	T-87		NORMALLY OPEN	-	-
		CLOSE	T-88		NORMALLY OPEN	-	-
		CLOSE	W-73		NORMALLY OPEN	-	-
		CLOSE	A-08		NORMALLY OPEN	-	-
		CLOSE	B-41		NORMALLY OPEN	-	-
		CLOSE	B-39		NORMALLY OPEN	-	-
		CLOSE	B-40		NORMALLY OPEN	-	-

	Redacted						
		CLOSE	H-86		NORMALLY OPEN	-	-
		CLOSE	A-66		NORMALLY OPEN	-	-
		CLOSE	B-62		NORMALLY OPEN	-	-
		CLOSE	F-62		NORMALLY OPEN	-	-
		CLOSE	A-65		NORMALLY OPEN	-	-

	<u>OERN No.</u>	<u>LOCATION</u>	<u>OPERATION</u>	<u>VALVE No.</u>	<u>TAGGED</u>	<u>REMARKS</u>	<u>COMPLETED BY</u>	<u>TIME/ DATE</u>
	-	Redacted	CLOSE	N-50		NORMALLY OPEN		
	-		CLOSE	ZV-2		NORMALLY OPEN		
			CLOSE	ZV-1		NORMALLY OPEN		
			CLOSE	M-64		NORMALLY OPEN		
			CLOSE	A-39		NORMALLY OPEN		
			CLOSE	A-40		NORMALLY OPEN		
			CLOSE	A-43		NORMALLY OPEN		
			CLOSE	B-28		NORMALLY OPEN		
			CLOSE	B-29		NORMALLY OPEN		
			CLOSE	B-30		NORMALLY OPEN		
			CLOSE	B-33		NORMALLY OPEN		
			CLOSE	B-34		NORMALLY OPEN		
			CLOSE	H-43		NORMALLY OPEN		

		Redacted						
			CLOSE	H-44			NORMALLY OPEN	
			CLOSE	K-84			NORMALLY OPEN	
			CLOSE	F-36			NORMALLY OPEN	
			CLOSE	FV-99			NORMALLY OPEN	
			CLOSE	A-08			NORMALLY OPEN	
			CLOSE	A-09			NORMALLY OPEN	
			CLOSE	A-22			NORMALLY OPEN	
			CLOSE	A-39			NORMALLY OPEN	
			CLOSE	A-40			NORMALLY OPEN	
			CLOSE	A-43			NORMALLY OPEN	
			CLOSE	A-66			NORMALLY OPEN	
			CLOSE	A-95			NORMALLY OPEN	
			CLOSE	B-28			NORMALLY OPEN	
			CLOSE	B-29			NORMALLY OPEN	
			CLOSE	B-30			NORMALLY OPEN	
			CLOSE	B-33			NORMALLY OPEN	
		CLOSE	B-34			NORMALLY OPEN		

		Redacted	CLOSE	B-39		NORMALLY OPEN		
			CLOSE	B-40		NORMALLY OPEN		
			CLOSE	B-41		NORMALLY OPEN		
			CLOSE	B-44		NORMALLY OPEN		
			CLOSE	B-46		NORMALLY OPEN		
			CLOSE	B-48		NORMALLY OPEN		
			CLOSE	B-56		NORMALLY OPEN		
			CLOSE	B-62		NORMALLY OPEN		
			CLOSE	B-66		NORMALLY OPEN		
			CLOSE	C-19		NORMALLY OPEN		
			CLOSE	C-67		NORMALLY OPEN		
			CLOSE	F-36		NORMALLY OPEN		
			CLOSE	F-62		NORMALLY OPEN		
			CLOSE	F-72		NORMALLY OPEN		
			CLOSE	FV-09		NORMALLY OPEN		
			CLOSE	H-26		NORMALLY OPEN		
			CLOSE	H-27		NORMALLY OPEN		
		CLOSE	H-28		NORMALLY OPEN			
		CLOSE	H-32		NORMALLY OPEN			

		Redacted		H-33				
			CLOSE			NORMALLY OPEN		
				H-34				
			CLOSE			NORMALLY OPEN		
				H-35				
			CLOSE			NORMALLY OPEN		
				H-36				
			CLOSE			NORMALLY OPEN		
				H-37				
			CLOSE			NORMALLY OPEN		
				H-38				
			CLOSE			NORMALLY OPEN		
				H-39				
			CLOSE			NORMALLY OPEN		
				H-40				
			CLOSE			NORMALLY OPEN		
				H-41				
		CLOSE			NORMALLY OPEN			
			H-42					
		CLOSE			NORMALLY OPEN			
			H-58					
		CLOSE			NORMALLY OPEN			
			H-59					
		CLOSE			NORMALLY OPEN			
			H-63					
		CLOSE			NORMALLY OPEN			
			H-86					
		CLOSE			NORMALLY OPEN			
			J-10					
		CLOSE			NORMALLY OPEN			
			J-31					
		CLOSE			NORMALLY OPEN			
			J-32					
		CLOSE			NORMALLY OPEN			
			J-62					
		CLOSE			NORMALLY OPEN			
			K-53					
		CLOSE			NORMALLY OPEN			

		Redacted				
			CLOSE	k-74		NORMALLY OPEN
			CLOSE	k-75		NORMALLY OPEN
			CLOSE	k-76		NORMALLY OPEN
			CLOSE	k-84		NORMALLY OPEN
			CLOSE	M-37		NORMALLY OPEN
			CLOSE	M-43		NORMALLY OPEN
			CLOSE	M-44		NORMALLY OPEN
			CLOSE	M-46		NORMALLY OPEN
			CLOSE	M-50		NORMALLY OPEN
			CLOSE	M-51		NORMALLY OPEN
			CLOSE	M-64		NORMALLY OPEN
			CLOSE	N-24		NORMALLY OPEN
			CLOSE	N-25		NORMALLY OPEN
			CLOSE	N-26		NORMALLY OPEN
			CLOSE	N-28		NORMALLY OPEN
			CLOSE	N-29		NORMALLY OPEN
			CLOSE	N-31		NORMALLY OPEN
			CLOSE	N-50		NORMALLY OPEN

		Redacted		N-54				
			CLOSE			NORMALLY OPEN		
				R-47				
			CLOSE			NORMALLY OPEN		
				T-37				
			CLOSE			NORMALLY OPEN		
				T-87				
			CLOSE			NORMALLY OPEN		
				W-49				
			CLOSE			NORMALLY OPEN		
				W-73				
			CLOSE			NORMALLY OPEN		
				W-74				
			CLOSE			NORMALLY OPEN		
				W-77				
			CLOSE			NORMALLY OPEN		
				W-78				
		CLOSE			NORMALLY OPEN			
			W-79					
		CLOSE			NORMALLY OPEN			
			W-90					
		CLOSE			NORMALLY OPEN			
			W-95					
		CLOSE			NORMALLY OPEN			
			Y-29					
		CLOSE			NORMALLY OPEN			
			Y-40					
		CLOSE			NORMALLY OPEN			
			Y-41					
		CLOSE			NORMALLY OPEN			
			Y-55					
		CLOSE			NORMALLY OPEN			
			Y-83					
		CLOSE			NORMALLY OPEN			

		Redacted		Y-87					
			CLOSE				NORMALLY OPEN		
				Y-88					
			CLOSE				NORMALLY OPEN		
				Y-89					
				zv1					
			CLOSE				NORMALLY OPEN		
				zv2					
			CLOSE				NORMALLY OPEN		

SECTION C CONT – ALTERNATE SEQUENCE OF OPERATIONS								
OPERATING MODE #3 (FROM STEP 8)								
	<u>OERN No.</u>	<u>LOCATION</u>	OPERATION	VALVE No.	TAGGED	REMARKS	COMPLETED BY	TIME/ DATE
	-	-	-	-				
	-	-	-	-				
OPERATING MODE #4 (FROM STEP 8)								
	<u>OERN No.</u>	<u>LOCATION</u>	OPERATION	VALVE No.	TAGGED	REMARKS	COMPLETED BY	TIME/ DATE
	-	-	-	-				
	-	-	-	-				

SECTION D – SKETCH & COMMENTS (OPTIONAL FOR CLARITY)								
Redacted								