



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 1- 2.5 MMBTU/hr Ajax Model SA-60 Boiler equipped with Alzeta Low-NOx Burner (Building 20)			B. Pollutant: NOx
C. Measured Emission Rate: 20.87 ppm	D. Limited Emission Rate: 30 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020

A. Emission Unit Description: 1- 2.5 MMBTU/hr Ajax Model SA-60 Boiler equipped with Alzeta Low-NOx Burner (Building 20)			B. Pollutant: CO
C. Measured Emission Rate: 326.40 ppm	D. Limited Emission Rate: 400 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020

A. Emission Unit Description: 1- 3.0 MMBTU/hr Hurst Model S45-C-75-30W Boiler equipped with a combustion specialties Noxmiser 80-N3/P4 Low-NOx Burner and an external flue gas recirculation system (Building 351)			B. Pollutant: NOx
C. Measured Emission Rate: 19.84 ppm	D. Limited Emission Rate: 30 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020

A. Emission Unit Description: 1- 3.0 MMBTU/hr Hurst Model S45-C-75-30W Boiler equipped with a combustion specialties Noxmiser 80-N3/P4 Low-NOx Burner and an external flue gas recirculation system (Building 351)			B. Pollutant: CO
C. Measured Emission Rate: 193.70 ppm	D. Limited Emission Rate: 400 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 1- 3.0 MMBTU/hr Hurst Model S45-C-75-30W Boiler equipped with a combustion specialties Noxmiser 80-N3/P4 Low-NOx Burner and an external flue gas recirculation system (Building 355)			B. Pollutant: NOx
C. Measured Emission Rate: 23.40 ppm	D. Limited Emission Rate: 30 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020

A. Emission Unit Description: 1- 3.0 MMBTU/hr Hurst Model S45-C-75-30W Boiler equipped with a combustion specialties Noxmiser 80-N3/P4 Low-NOx Burner and an external flue gas recirculation system (Building 355)			B. Pollutant: CO
C. Measured Emission Rate: 86.43 ppm	D. Limited Emission Rate: 400 ppm	E. Specific Source Test or Monitoring Record Citation: Source Test Report, Multi-Media Environmental Compliance Group Contract No. N6247316D2405 Submitted February 7, 2020	F. Test Date: January 14, 2020

Appendix C

**NBVC Point Mugu
Formal Surveys
&
Engines Hours of Operations**

**NBVC Point Mugu
Stationary Standby Engines
Emergency and Maintenance 12-Month
Rolling Sum Hours of Operation**

**NBVC Point Mugu Stationary Standby Engines
2020 Emergency Hours of Operation 12-Month Rolling Sum Report**

Permit Description	Model #	Serial #	BLDG	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
170 BHP Cummins	6BTA5.9-G4	46476248	1	0.0	0.0	0.0	0.0	0.0	0.0	12.7	25.5	36.5	36.5	36.5	66.4
300 BHP Caterpillar	3306BDI	64Z08034	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 BHP Hino	4.0 Liter	2003740	14	26.3	26.3	26.3	0.0	0.0	0.0	14.4	27.6	39.5	39.5	39.5	70.6
1,588 BHP Caterpillar	3512	24Z03302	3015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324 BHP Cummins	QSB7-G5-NR3	73668636	303	49.9	82.3	82.3	82.3	82.3	82.3	96.0	59.7	71.1	71.1	71.1	97.2
99 BHP Cummins	4BT3.9-G4	40403413	322	478.8	478.8	478.8	478.8	510.8	510.8	520.5	483.9	492.7	492.7	492.7	518.9
217 BHP CAT	C-6.6	E6M02040	323	0.0	0.0	0.0	0.0	0.0	0.0	12.8	26.0	37.5	37.5	37.5	67.7
237 BHP John Deere	6068HF285K	PE6068L285898	324	0.0	0.0	0.0	0.0	0.0	0.0	13.1	26.3	37.8	37.8	37.8	67.0
315 BHP John Deere	6068HF485T	PE6068L194673	355	488.3	488.3	488.3	488.3	521.4	521.4	536.0	498.9	511.3	511.3	511.3	538.3
288 BHP Cummins	6CTAA8.3-G3	46379697	359	76.1	76.1	76.1	76.1	106.6	106.6	122.7	86.8	102.1	102.1	102.1	128.5
355 BHP Cummins	NT-855-G2	11386660	369	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
422 BHP John Deere, EG-1	6090HF484	RG6090L138145	369	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	28.2	28.2	28.2	29.1
422 BHP John Deere, EG-2	6090HF484	RG6090L138146	369	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.1	16.1	16.1	16.1	42.1
398 BHP Caterpillar	C-9	C9E01847	50	0.0	0.0	0.0	0.0	0.0	0.0	15.7	31.0	44.8	44.8	44.8	70.7
1210 BHP Caterpillar	3412	BLG00244	50	0.0	0.0	0.0	0.0	0.0	0.0	16.0	32.0	46.0	46.0	46.0	72.0
364 BHP Cummins	QSL9-32	46572998	531	0.0	0.0	0.0	0.0	0.0	0.0	15.6	30.1	43.2	43.2	43.2	67.2
2,168 BHP Caterpillar	3516	25Z02032	53-2	0.0	0.0	0.0	0.0	0.0	0.0	14.4	28.4	40.5	40.5	40.5	40.5
90 BHP Cummins	4BT3.9-G4	46401266	58	0.0	0.0	0.0	0.0	0.0	0.0	15.6	30.4	44.4	44.4	44.4	69.6
145 BHP Cummins	QSB5-G3-NR3	73147572	63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
399 BHP Cummins	QSL9-G3-NR3	46983124	64	0.0	0.0	0.0	0.0	0.0	0.0	14.8	30.2	43.9	43.9	43.9	65.9
103 BHP Caterpillar	3054	4ZK00846	67	0.0	0.0	0.0	0.0	0.0	0.0	14.8	30.1	43.9	43.9	43.9	66.0
145 BHP Cummins	QSB5-G3-NR3	73147613	674	0.0	0.0	0.0	0.0	0.0	0.0	1.4	17.0	32.1	32.1	32.1	32.1
188 BHP Cummins	6CT8.3-G2	46246632	812	0.6	0.6	0.6	0.6	0.0	0.0	16.4	31.8	45.8	45.8	45.8	98.7
156.8 BHP CAT	C4.4	E5A02174	850	42.2	33.6	39.1	39.3	39.9	39.9	39.9	42.5	42.7	22.5	22.5	9.8
166 BHP John Deere - Out of Service	6059TF001	T6059F414930	905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99 BHP John Deere	JU4H-JFADJ2(4045HF)	PE4045L281986	916	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290 BHP John Deere	6076AF00	RG6076A153044	93	146.8	142.5	142.5	142.5	142.5	142.5	156.4	170.1	181.9	181.9	181.9	65.9
343 BHP Caterpillar	3406D1	2WB01836	99	65.1	60.6	63.6	63.6	63.6	63.6	77.9	92.0	104.7	104.7	104.7	44.1
158 BHP John Deere	4045H	PE4045L204764	3024B	0.0	0.0	0.0	0.0	0.0	0.0	13.1	26.2	37.6	37.6	46.5	103.6

**NBVC Point Mugu Stationary Standby Engines
2020 Maintenance Hours of Operation 12-Month Rolling Sum Report**

Permit Description	Model #	Serial #	BLDG	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
170 BHP Cummins	6BTA5.9-G4	46476248	1	1.4	1.4	1.2	1.0	1.0	1.2	1.0	1.0	0.8	0.8	0.6	0.4
300 BHP Caterpillar	3306BDI	64Z08034	13	1.2	1.2	1.0	1.0	0.8	0.9	1.4	1.9	1.7	2.2	2.1	2.1
112 BHP Hino	4.0 Liter	2003740	14	8.3	8.2	9.2	9.8	9.8	11.1	10.9	11.0	11.1	11.1	11.8	11.1
1,588 BHP Caterpillar	3512	24Z03302	3015	1.6	1.4	1.6	1.4	1.4	1.2	1.4	1.2	1.0	0.8	0.8	0.6
324 BHP Cummins	QSB7-G5-NR3	73668636	303	1.8	1.8	1.6	1.6	1.4	1.4	1.2	1.0	0.8	12.0	11.8	11.8
99 BHP Cummins	4BT3.9-G4	40403413	322	1.5	1.7	1.5	1.5	1.7	2.1	1.9	1.9	1.7	13.4	13.2	13.2
217 BHP CAT	C-6.6	E6M02040	323	1.6	1.8	1.8	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.4	1.2
237 BHP John Deere	6068HF285K	PE6068L285898	324	1.4	1.2	1.2	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.6	0.6
315 BHP John Deere	6068HF485T	PE6068L194673	355	2.0	2.0	1.8	2.3	2.1	3.3	3.1	3.1	3.4	15.7	15.5	15.5
288 BHP Cummins	6CTA8.3-G3	46379697	359	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.1	2.0	1.8	1.8
355 BHP Cummins	NT-855-G2	11386660	369	1.6	1.6	1.6	1.5	1.5	1.3	1.1	0.9	0.7	0.7	0.5	0.3
422 BHP John Deere, EG-1	6090HF484	RG6090L138145	369	0.0	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
422 BHP John Deere, EG-2	6090HF484	RG6090L138146	369	0.0	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
398 BHP Caterpillar	C-9	C9E01847	50	2.2	2.2	2.2	2.2	2.0	4.0	3.8	3.8	3.6	3.4	3.4	3.2
1210 BHP Caterpillar	3412	BLG00244	50	8.0	8.0	9.0	8.0	9.0	8.0	8.0	7.0	6.0	6.0	7.0	7.0
364 BHP Cummins	QSL9-32	46572998	531	1.2	1.2	1.0	1.0	0.8	0.6	0.6	0.4	0.4	0.4	0.4	0.4
2,168 BHP Caterpillar	3516	25Z02032	53-2	3.7	4.6	4.1	3.4	4.4	4.1	3.9	3.5	3.2	14.2	13.7	15.8
90 BHP Cummins	4BT3.9-G4	46401266	58	3.3	3.3	3.5	3.5	2.7	3.2	3.0	2.3	2.6	2.4	2.4	2.2
145 BHP Cummins	QSB5-G3-NR3	73147572	63	12.7	12.7	10.6	12.4	10.5	8.5	6.5	5.1	5.0	5.0	5.1	5.1
399 BHP Cummins	QSL9-G3-NR3	46983124	64	2.0	2.0	1.8	5.4	5.7	5.7	5.5	5.4	5.3	5.3	5.3	5.1
103 BHP Caterpillar	3054	4ZK00846	67	1.6	1.6	1.4	1.4	1.2	5.2	5.0	5.0	4.8	4.8	4.6	4.6
145 BHP Cummins	QSB5-G3-NR3	73147613	674	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.3	5.3
188 BHP Cummins	6CT8.3-G2	46246632	812	2.7	2.7	2.6	2.6	2.6	2.8	2.6	2.6	2.4	12.6	13.0	12.8
156.8 BHP CAT	C4.4	E5A02174	850	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166 BHP John Deere - Out of Service	6059TF001	T6059F414930	905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99 BHP John Deere	JU4H-JFADJ2(4045HF)	PE4045L281986	916	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290 BHP John Deere	6076AF00	RG6076A153044	93	1.7	1.7	1.7	1.5	1.5	1.6	1.4	1.4	1.2	1.5	1.3	1.3
343 BHP Caterpillar	3406D1	2WB01836	99	1.3	1.3	1.5	1.5	1.5	1.4	1.2	1.0	0.8	0.7	0.6	0.6
158 BHP John Deere	4045H	PE4045L204764	3024B	5.1	5.1	2.7	2.9	2.9	3.5	3.2	3.2	3.6	3.4	3.4	3.2

**NBVC Point Mugu
Stationary Standby Engines
Annual Report Form**

EMERGENCY DIESEL ENGINE ANNUAL REPORT FORM
REPORTING PERIOD: JANUARY 1 TO DECEMBER 31, 2020
PERMIT NO: 00997 - NAVAL BASE VENTURA COUNTY

Engine BHP/Make	Engine Model Number	Engine Serial Number	Location	Hour Meter Reading on 1/1/2020	Hour Meter Reading on 1/4/2021	Total M&T Hours in 2020	Total Emergency Hours in 2020	Total Hours in 2020
170 BHP Cummins	6BTA5.9-G4	46476248	1	133.1	199.9	0.4	66.4	66.8
300 BHP Caterpillar	3306BDI	64Z08034	13	618.2	620.3	2.1	0.0	2.1
112 BHP Hino	4.0 Liter	2003740	14	690.5	772.2	11.1	70.6	81.7
1,588 BHP Caterpillar	3512	24Z03302	3015	755.6	756.2	0.6	0.0	0.6
324 BHP Cummins	QSB7-G5-NR3	73668636	303	174.4	283.4	11.8	97.2	109.0
99 BHP Cummins	4BT3.9-G4	40403413	322	338.5	870.6	13.2	518.9	532.1
217 BHP CAT	C-6.6	E6M02040	323	159.1	228.0	1.2	67.7	68.9
237 BHP John Deere	6068HF285K	PE6068L285898	324	12.2	79.8	0.6	67.0	67.6
315 BHP John Deere	6068HF485T	PE6068L194673	355	220.0	773.8	15.5	538.3	553.8
288 BHP Cummins	6CTAA8.3-G3	46379697	359	321.2	451.5	1.8	128.5	130.3
355 BHP Cummins	NT-855-G2	11386660	369	1139.9	1140.2	0.3	0.0	0.3
422 BHP John Deere, EG-1	6090HF484	RG6090L138145	369	0.0	36.21	7.1	29.1	36.2
422 BHP John Deere, EG-2	6090HF484	RG6090L138146	369	0.0	48.57	6.5	42.1	48.6
398 BHP Caterpillare	C-9	C9E01847	50	496.3	570.2	3.2	70.7	73.9
1210 BHP Caterpillar	3412	BLG00244	50	531.0	610.0	7.0	72.0	79.0
364 BHP Cummins	QSL9-32	46572998	531	312.8	380.4	0.4	67.2	67.6
2,168 BHP Caterpillar	3516	25Z02032	53-2	514.7	571.0	15.8	40.5	56.3
90 BHP Cummins	4BT3.9-G4	46401266	58	437.2	509.0	2.2	69.6	71.8
145 BHP Cummins	QSB5-G3-NR3	73147572	63	341.5	347.0	5.1	0.4	5.5
399 BHP Cummins	QSL9-G3-NR3	46983124	64	168.5	239.5	5.1	65.9	71.0
103 BHP Caterpillar	3054	4ZK00846	67	260.7	331.3	4.6	66.0	70.6
145 BHP Cummins	QSB5-G3-NR3	73147613	674	362.0	399.4	5.3	32.1	37.4
188 BHP Cummins	6CT8.3-G2	46246632	812	429.1	540.6	12.8	98.7	111.5
156.8 BHP CAT	C4.4	E5A02174	850	188.1	197.9	0.0	9.8	9.8
166 BHP John Deere - Out of Service	6059TF001	T6059F414930	905	13.4	13.4	0.0	0.0	0.0
99 BHP John Deere	JU4H-UFADJ2(4045HF)	PE4045L281986	916	1.4	1.4	0.0	0.0	0.0
290 BHP John Deere	6076AF00	RG6076A153044	93	1877.0	1944.2	1.3	65.9	67.2
343 BHP Caterpillar	3406D1	2WB01836	99	548.2	592.9	0.6	44.1	44.7
158 BHP John Deere	4045H	PE4045L204764	3024B	670.8	777.6	3.2	103.6	106.8

**NBVC Point Mugu
Portable Engines Operation**

Permitted Portable Engines Emergency and Non Emergency/Maintenance Hours of Operation Record
Permit No: 00997 - Naval Base Ventura County, Point Mugu 2020

	51-26066		51-26067		51-26068		51-26069		51-28008	
	Emergency	Maintenance/ Non Emergency	Emergency	Maintenance/ Non Emergency	Emergency	Maintenance/ Non Emergency	Emergency	Maintenance/ Non Emergency	Emergency	Maintenance/ Non Emergency
January	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
February	0.0	0.0	372.4	0.0	391.3	0.2	142.9	0.0	362.0	0.2
March	0.0	0.0	0.0	0.0	79.0	0.0	0.0	0.0	501.6	0.0
April	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	629.5	0.0
May	0.0	0.2	623.6	0.0	219.1	0.0	683.1	0.0	538.4	0.0
June	0.0	0.2	0.0	0.0	172.4	0.0	0.0	0.2	0.0	0.3
July	0.0	0.0	0.0	0.0	18.3	0.0	0.0	0.0	0	8.2
August	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	8.5
September	0.0	0.0	0.0	7.0	0.0	7.0	0.0	6.3	0.0	0.0
October	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
November	0.0	0.0	0.0	22.8	0.0	0.0	0.0	0.0	0.0	0.0
December	0.0	0.0	0	0.0	0	14.4	0.0	0.0	0.0	0.0

**NBVC Point Mugu
Airfield Runway Arresting Gear Engines
Twelve-Month Rolling Sum Hours of Operation**

**NBVC Point Mugu Airfield Runway Arresting Gear Engines
2020 Annual Hours of Operation 12-Month Rolling Sum Report**

Permit Description	Model #	Identification #	Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
65.9 BHP Wisconsin	V-465-D1	Unit-2-RAG1	Airfield Runway	27.0	22.3	14.5	10.6	8.9	7.4	1.2	1.0	1.0	0.0	0.0	0.0
65.9 BHP Wisconsin	V-465-D1	Unit-2-RAG2	Airfield Runway	38.6	36.5	29.6	26.2	24.3	21.0	15.2	8.4	3.6	0.0	0.0	0.0
65.9 BHP Wisconsin	V-465-D1	Unit-3-RAG3	Airfield Runway	32.7	34.0	27.1	25.6	25.1	26.4	24.2	21.9	23.1	24.2	28.2	27.6
65.9 BHP Wisconsin	V-465-D1	Unit-3-RAG4	Airfield Runway	28.5	27.9	21.3	22.1	24.2	23.8	23.0	20.7	20.7	20.7	23.0	25.2
65.9 BHP Wisconsin	V-465-D1	Unit-4-RAG5	Airfield Runway	21.0	19.4	15.4	12.9	11.7	10.7	8.0	3.9	3.8	0.0	0.0	0.0
65.9 BHP Wisconsin	V-465-D1	Unit-4-RAG6	Airfield Runway	20.0	18.3	14.4	12.0	10.6	9.1	5.4	1.2	0.8	0.0	0.0	0.0
65.9 BHP Wisconsin	V-465-D1	Unit-5-RAG7	Airfield Runway	42.4	44.2	39.7	41.7	41.6	38.9	37.9	30.1	30.5	32.8	34.6	34.8
65.9 BHP Wisconsin	V-465-D1	Unit-5-RAG8	Airfield Runway	35.4	37.0	31.9	32.6	32.6	30.7	27.1	25.6	26.6	28.5	31.1	30.3

**NBVC Point Mugu
Opacity Survey**

2020 NBVC Point Mugu Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Boiler	2.5 MMBTU Ajax, Low Nox, Building 20	8/3/2020	N	Y	
Boiler	4.25 MMBTU Ajax, Low Nox, Building 36	N/A	N/A	N/A	Out of service during the compliance certification period
Boiler	7.3 MMBTU Hurst, Building 36	N/A	N/A	N/A	Out of service during the compliance certification period
Boiler	3.0 MMBTU Hurst, Building 351	N/A	N/A	N/A	Out of service during the compliance certification period
Boiler	3.0 MMBTU Hurst, Building 355	N/A	N/A	N/A	Out of service during the compliance certification period
Test Stand	Portable Test Stand, Building 689	8/3/2020	N	N	
Test Stand	Portable Test Stand, Building 689	8/3/2020	N	N	
Test Stand	Target Testing Op., Building 393	8/3/2020	N	N	
Crane	173 BHP Daimler/Chrysler AG Diesel Crane	8/3/2020	N	N	Located at PH
Sweeper	139.5 BHP John Deere Sweeper Aux	10/26/2020	N	N	Located at SNI
Sweeper	80 BHP Perkins Sweeper Aux	N/A	N/A	N/A	Out of service during the compliance certification period
Sweeper	69.7 BHP Yanmar Sweeper Aux	8/3/2020	N	N	Located at PH
Sweeper	115 BHP John Deere Sweeper Aux	8/3/2020	N	N	
Portable Engine	165 BHP John Deere Diesel Generator, 51-26066	7/12/2020	N	N	PM behind Building 60
Portable Engine	165 BHP John Deere Diesel Generator, 51-26067	7/12/2020	N	N	PM behind Building 60
Portable Engine	165 BHP John Deere Diesel Generator, 51-26068	7/12/2020	N	Y	In use at Building PM 354
Portable Engine	165 BHP John Deere Diesel Generator, 51-26069	7/12/2020	N	N	PM behind Building 60
Portable Engine	315 BHP John Deere Diesel Generator, 51-28008	7/12/2020	N	Y	In use at Building PM 21
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	

2020 NBVC Point Mugu Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Runway Arresting Gear Engine	65.9 BHP Wisconsin Gas runway arresting Gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Runway Arresting Gear Engine	65.9 BHP Wisconsin gas runway arresting gear	8/3/2020	N	N	
Emerg. Stationary Engine	156.8 BHP Caterpillar Generator, Building 850	7/12/2020	N	N	
Emerg. Stationary Engine	1210 BHP Caterpillar Diesel Generator, Building 50	7/12/2020	N	Y	
Emerg. Stationary Engine	158 BHP John Deere Generator, Radar System	7/12/2020	N	Y	
Emerg. Stationary Engine	300 BHP Caterpillar Diesel Generator, Building 13	7/12/2020	N	N	
Emerg. Stationary Engine	112 BHP Hino Diesel Generator, Building 14	7/12/2020	N	Y	
Emerg. Stationary Engine	145 BHP Cummins Diesel Generator, Building 63	7/12/2020	N	N	
Emerg. Stationary Engine	1588 BHP Caterpillar Diesel Generator, Building 3015	7/12/2020	N	N	
Emerg. Stationary Engine	324 BHP Cummins Diesel Generator, Building 303	7/12/2020	N	Y	
Emerg. Stationary Engine	217 BHP Caterpillar Diesel Generator, Building 323	7/12/2020	N	Y	
Emerg. Stationary Engine	99 BHP Cummins Diesel Generator, Building 322	7/12/2020	N	Y	
Emerg. Stationary Engine	315 BHP John Deere Diesel Generator, Building 355	7/12/2020	N	Y	
Emerg. Stationary Engine	288 BHP Cummins Diesel Generator, Building 359	7/12/2020	N	Y	
Emerg. Stationary Engine	145 BHP Cummins Diesel Generator, Building 674	7/12/2020	N	N	
Emerg. Stationary Engine	355 BHP Cummins Diesel Generator, Building 369	7/12/2020	N	N	Generator was removed
Emerg. Stationary Engine	422 BHP John Deere, EG-1, Diesel Generator, Building 369	7/12/2020	N	N	
Emerg. Stationary Engine	422 BHP John Deere, EG-2, Diesel Generator, Building 369	7/12/2020	N	Y	

2020 NBVC Point Mugu Opacity Survey Result

Equipment Category	Description of Equipment in Permit Table (abbreviated)	Date of Equipment Inspection	Opacity Noted (Y/N)	Operating During Inspection (Y/N)	Comments
Emerg. Stationary Engine	2168 BHP Caterpillar Diesel Generator, #1, Building 53-2	7/12/2020	N	Y	
Emerg. Stationary Engine	90 BHP Cummins Diesel Generator, Building 58	7/12/2020	N	Y	
Emerg. Stationary Engine	399 BHP Cummins Diesel Generator, Building 64	7/12/2020	N	Y	
Emerg. Stationary Engine	188 BHP Cummins Diesel Generator, Building 812	7/12/2020	N	N	
Emerg. Stationary Engine	166 BHP John Deere Diesel Generator, Building 905	N/A	N/A	N/A	Out of service during the compliance certification period
Emerg. Stationary Engine	99 BHP John Deere Diesel Fire Pump, Building 916	N/A	N	N	Out of service during the compliance certification period
Emerg. Stationary Engine	290 BHP John Deere Diesel Generator, Building 93	7/12/2020	N	Y	
Emerg. Stationary Engine	343 BHP Caterpillar Diesel Generator, Building 99	7/12/2020	N	Y	
Emerg. Stationary Engine	103 BHP Caterpillar Diesel Generator, Building 67	7/12/2020	N	Y	
Emerg. Stationary Engine	170 BHP Cummins Diesel Generator, Building 1	7/12/2020	N	Y	
Emerg. Stationary Engine	364 BHP Cummins Diesel Generator, Building 531	7/12/2020	N	Y	
Emerg. Stationary Engine	398 BHP Caterpillar Diesel Generator, Building 50	7/12/2020	N	Y	
Emerg. Stationary Engine	237 BHP John Deere Diesel Generator, Building 327	7/12/2020	N	Y	
Spray Booth	Dry filter, Building 512	8/3/2020	N	N	
Spray Booth	Dry filter, Building 319	8/3/2020	N	N	
Spray Booth	Dry filter, Building 363	8/3/2020	N	N	
Spray Booth	Dry filter, Building 154	8/3/2020	N/A	N/A	Out of service during the compliance certification period
Burn Off Oven	925,000 BTU primary oven, Building 3014	8/3/2020	N	N	
Burn Off Oven	925,000 BTU secondary oven, Building 3014	8/3/2020	N	N	
Abrasive Blasting	Abrasive Blast Room, 25x18x17, with Torit Cartridge Filters, Building 311	N/A	N/A	N/A	Out of service during the compliance certification period
Abrasive Blasting	Confined Abrasive Blast Room, Building 3014	N/A	N/A	N/A	Out of service during the compliance certification period

**NBVC Point Mugu
Rules 74.11 and 74.11.1 Small Boilers and
Water Heaters Survey**

2020 NBVC Point Mugu Rules 74.11 and 74.11.1 Survey Result

Location	Building Number	Heat Input (BTU/HR)	Make	Model	Serial Number	Year Installed	In Compliance with the Rule 74.11 and 74.11.1?
PM	36	990,000	RayPak	Hi-Delta H8-0992C	B-16-2816	2020	Yes

Appendix D

NBVC Point Mugu RICE NESHAP Maintenance Records

NAVFAC POINT MUGU RICE NESHAP MAINTENANCE RECORD

Bldg	Device	Engine Oil Analysis		Engine and Filter Oil Change		Air Cleaner Inspection		Hoses and Belts Inspection	
		Date of Engine Oil Sample Collection	Hour Meter Reading at Time of Engine Oil Sample Collection	Date of Engine Oil and Oil Filter Change	Hour Meter Reading at Time of Engine Oil and Oil Filter Change	Date of Inspection	Hour Meter Reading at Time of Inspection	Date of Inspection	Hour Meter Reading at Time of Inspection
1	170 BHP Cummins	N/A	N/A	11/2/2020	170	8/7/2020	146.2	8/7/2020	146.2
3	49 BHP Kubota		Post 2006 Construction, Maintenance not Required						
13	300 BHP Caterpillar	N/A	N/A	12/17/2020	620.5	10/28/2020	620.3	10/28/2020	620.3
14	112 BHP Hino	N/A	N/A	9/2/2020	727.2	11/10/2020	740.5	11/10/2020	740.5
50-1	398 BHP Caterpillar		Post 2006 Construction, Maintenance not Required						
50-2	*210 BHP Caterpillar	N/A	N/A	12/12/2020	596	12/12/2020	596	12/12/2020	596
53	2,168 BHP Caterpillar	N/A	N/A	5/6/2020	516	6/11/2020	516.7	6/11/2020	516.7
58	90 BHP Cummins	N/A	N/A	12/16/2020	509.5	10/21/2020	483.6	10/21/2020	483.6
63	145 BHP Cummins		Post 2006 Construction, Maintenance not Required						
64	399 BHP Cummins		Post 2006 Construction, Maintenance not Required						
67	103 BHP Caterpillar	N/A	N/A	10/22/2020	309.2	10/22/2020	309.2	10/22/2020	309.2
93	290 BHP John Deere	N/A	N/A	12/16/2020	1944.3	8/10/2020	1891.9	8/10/2020	1891.9
94	48 BHP John Deere		Post 2006 Construction, Maintenance not Required						
99	343 BHP Caterpillar	N/A	N/A	12/23/2020	593.1	6/18/2020	551.8	6/18/2020	551.8
303	324 BHP Cummins		Post 2006 Construction, Maintenance not Required						
322	99 BHP Cummins	N/A	N/A	12/23/2020	870.6	8/6/2020	810	8/6/2020	810
323	196 BHP General Motors (NG)	N/A	N/A	12/18/2020	424.9	8/6/2020	424.8	8/6/2020	424.8
324	217 BHP Caterpillar		Post 2006 Construction, Maintenance not Required						
324	237 BHP John Deere		Post 2006 Construction, Maintenance not Required						
326	49 BHP Kubota		Post 2006 Construction, Maintenance not Required						
355	315 BHP John Deere		Post 2006 Construction, Maintenance not Required						
359	288 BHP Cummins	N/A	N/A	9/3/2020	410.1	8/4/2020	394.9	8/4/2020	394.9
369-1	422 BHP John Deere		Post 2006 Construction, Maintenance not Required						
369-2	422 BHP John Deere		Post 2006 Construction, Maintenance not Required						
391	48 BHP Caterpillar		Post 2006 Construction, Maintenance not Required						
531	364 BHP Cummins		Post 2006 Construction, Maintenance not Required						
642	48 BHP Caterpillar		Post 2006 Construction, Maintenance not Required						
674	145 BHP Cummins		Post 2006 Construction, Maintenance not Required						
812	188 BHP Cummins	N/A	N/A	11/3/2020	487.4	8/3/2020	447.3	8/3/2020	447.3
850	156.8 BHP CAT		Post 2006 Construction, Maintenance not Required						
905	166 BHP John Deere		Post 2006 Construction, Maintenance not Required						
916	99 BHP John Deere		Post 2006 Construction, Maintenance not Required						
3015	1,588 BHP Caterpillar	N/A	N/A	12/18/2020	756.2	6/24/2020	756.2	6/24/2020	756.2
3024B	158 BHP John Deere		Post 2006 Construction, Maintenance not Required						

Appendix E

NBVC Point Mugu Gas Station Dispensing Facilities Verification Testing Results

**NBVC Point Mugu
Government Gasoline Dispensing Facility
Verification Testing Results**



2 Inch Pressure Decay TP201.3

Ref. No.: _____
 AQMD Id: 00997
 Site Name: NAS POINT MUGU
 Address: BLDG 631
POINT MUGU CA 93042
 Phone: (805) 645-1400
 Phase I System? Bulk plant
 Phase II System? Balance
 Total # of Nozzles 4
 Products per Nozzle 1


Testing Company
 Name: Western Pump, Inc.
 Address: 3235 F Street
San Diego CA 92102
 Phone: 619-239-9988
 Tanks Manifolder? N/A
 Vapor Pot Present? Yes
 Total # of Tanks _____

Tank Information	1	2	3	4	All
1. Product Grade	MOGAS				
2. Actual Tank Capacity, gallons					
3. Gasoline Volume, gallons					
4. Ullage, (V) gallons (line #2 minus line#3)					
Test Information	1	2	3	4	5
5. Start time	9:15				
6. Initial Test Pressure, inches H ₂ O	2.50				
7. Pressure after 1 minute, inches H ₂ O <u>4 min</u>	2.72				
8. Pressure after 2 minutes, inches H ₂ O <u>8 min</u>	2.77				
9. Pressure after 3 minutes, inches H ₂ O <u>12 min</u>	2.76				
10. Pressure after 4 minutes, inches H ₂ O <u>16 min</u>	2.75				
11. Pressure after 5 minutes, inches H ₂ O <u>20 min</u>	2.77				
12. Allowable Final Pressure	2.50				
13. Pass / Fail (Enter "GF" for Gross failure)	Pass				

2020-11-03
09:00
Digital
2020-08-13
N/A
2
0.00"WC
N/A
Vent riser

Requested Test Date.
 Requested Test Time.
 What type of pressure device used?
 Calibration date for pressure device (90 days).
 Enter initial tank ullage pressure (Vent if over 0.5 in. w.c., then start the 30 min no dispensing period)
 Enter flowmeter rate, F(Must be 1 to 5 CFM).
 Calculate ullage fill time, t₂.
 Calculate gross failure time (Twice t₂).
 Enter ending value of drift test (Must be 0.01 in. w.c. or less).
 Record Vapor Coupler Integrity Test Assembly pressure after 1 minute and location.
 Nitrogen introduction point. Phase I vapor coupler or Phase II vapor riser?

$$t_2 = \frac{V}{[1522]F}$$

Tester: Raul Gonzalez
 Signature: 

Tester Id: 175860
 Test Date: 2020-11-03

**NBVC Point Mugu
Navy Exchange Gasoline Dispensing Facility
Verification Testing Results**

SUMMARY OF SOURCE TEST DATA

SOURCE INFORMATION		FACILITY PARAMETERS		
GDF Name and Address Navy Exchange <hr/> Bldg 161 <hr/> Point Mugu Ca 93042 <hr/>	GDF Representative and Title GDF Phone No. <p style="text-align: center;">NA</p>	PHASE II SYSTEM TYPE (Check One)		
Permit Conditions	Source: GDF Vapor Recovery System GDF # _____ A/C # _____	Balance Hirt Red Jacket Hasstech Healy X Other	Manifolder? Yes	
Operating Parameters				
Number of Nozzels Served by Tank #1	8	Number of Nozzels Served by Tank #3	8	
Number of Nozzels Served by Tank #2	8	Number of Nozzels Served by Tank #4	8	
Applicable Regulations:		VN Recommended		
Source Test Results and Comments				
Tank #	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. Product Grade	87 T1	87 T2	87 T3	91
2. Actual Tank Capacity, gallons	12,000	12,000	12,000	12,000
3. Gasoline Volume	9,282	7122	6733	4462
4. Ullage, gallons (#2,#3)	2786	4946	5335	7606
5. Initial Pressure, inches H2O	2.00	NA	NA	NA
6. Pressure After 1 Minute, inches H2O	2.00			
7. Pressure After 2 Minute, inches H2O	2.00			
8. Pressure After 3 Minute, inches H2O	1.99			
9. Pressure After 4 Minute, inches H2O	1.98			
10. Final Pressure After 5 Minute, inches H2O	1.97			
11. Allowable Final Pressure	1.91			
Test Conducted by:	Test Company:	Date of Test:		
Pramdeep Chase	Petro Worx	8/12/2020		

VR-201-J and VR-202-J - Weekly, Quarterly, & Annual Inspection and Testing Checklist

TESTING COMPANY

Site Name: Navy Exchange
 Address: Bldg 161
Point Mugu Ca 93042
 Phone: NA

Name: Petro Worx
 Address: 28508 Alder Peak Ave
Santa Clarita, Ca
 Phone: (661) 513-8261

HEALY DISPENSER VAPOR PIPING VACUUM TEST							
	1/2	3/4	5/6	7/8	NA		
Healy VP1000 unit serial number	1100393	1202086	0902031	0814123			
Side "A" authorized only, lo vac on?	YES	YES	YES	YES			
Side "A" on, Side "B" auth, hi vac on?	YES	YES	YES	YES			
Side "B" authorized only, lo vac on?	YES	YES	YES	YES			
Side "B" on, Side "A" auth, hi vac on?	YES	YES	YES	YES			
Initial Test Vacuum, inches H ₂ O	80.00	80.00	80.00	80.00			
Vacuum after 1 minute, inches H ₂ O	80.00	80.00	80.00	76.00			
Allowable Final Vacuum (-4.00)	76.00	76.00	76.00	76.00			
Side "A" dispensing vacuum	76.00	76.00	76.00	76.00			
Side "B" dispensing vacuum	76.00	76.00	76.00	76.00			
Pass / Fail	PASS	PASS	PASS	PASS			

HEALY DISPENSER VAPOR PIPING PRESSURE TEST							
	1/2	3/4	5/6	7/8	NA		
Dispenser							
Initial Test Pressure, inches H ₂ O	80.00	80.00	80.00	80.00			
Pressure after 1 minute, inches H ₂ O	80.00	80.00	80.00	80.00			
Allowable Final Pressure	76.00	76.00	76.00	78.00			
Pass / Fail	PASS	PASS	PASS	PASS			

Manometer What type of pressure device used?

7/1/2020 Calibration date for pressure device (90 days).

Yes All ball valves locked in their "Normal operation" positions when testing complete.

Yes "Site Shutdown Test" passed? (Fueling disabled when power is removed from the Veeder-Root TLS).

Tester: Pramdeep Chase

Test Date: 8/12/2020

Signature: 

Site:Testing Company

Site Name: Navy Exchange
 Address: Bldg 161
Point Mugu Ca 93042
 Phone: NA

Name: Petro Worx
 Address: 28508 Alder Peak Ave
Santa Clarita, Ca
 Phone: (661) 513-8261

Allowable A/L: 0.95-1.15

Test Unit Serial Number: 0418269

CARB EO: VR-202

Test Unit Calibration Date: 4/16/2020

Meter Leak Tests: Pre-Test Leak Check (Pass/Fail):

Pass

Note: Bulb must not inflate in

(For TriTester only) Post-Test Leak Check (Pass/Fail):

Pass

less than 30 seconds.

Dispenser Number	Product Grade	Nozzle Model #	V/L	GPM	PASS /FAIL	Comments
1	87	900	1.03	8.43	Pass	
1	89	900	0.98	8.72	Pass	
1	91	900	1.01	8.72	Pass	
2	87	900	0.98	7.98	Pass	
2	89	900	0.99	8.33	Pass	
2	91	900	0.97	8.62	Pass	
3	87	900	0.97	8.24	Pass	
3	89	900	1.01	8.24	Pass	
3	91	900	1.00	8.43	Pass	
4	87	900	1.10	7.21	Pass	
4	89	900	1.12	7.14	Pass	
4	91	900	1.10	7.65	Pass	
5	87	900	1.10	6.82	Pass	
5	89	900	1.09	7.08	Pass	
5	91	900	1.07	7.28	Pass	
6	87	900	1.07	7.21	Pass	
6	89	900	1.07	7.28	Pass	
6	91	900	1.01	7.73	Pass	
7	87	900	1.08	8.52	Pass	8 Gallons Down Vapor Return
7	89	900	1.11	8.62	Pass	
7	91	900	1.03	8.24	Pass	
8	87	900	1.02	8.24	Pass	
8	89	900	1.06	8.43	Pass	
8	91	900	1.03	8.65	Pass	
NA						

Tester: Pramdeep Chase

Test Date: 8/12/2020

TESTING COMPANY:

Site Name: Navy Exchange
Address: Bldg 161
Point Mugu Ca 93042
Phone: NA

Name: Petro Worx
Address: 28508 Alder Peak Ave
Santa Clarita, Ca
Phone: (661) 513-8261

Figure 3

Data Form for Determination of Satic Pressure Performance
of the Healy Clean Air Seperator

Date and Time of Last Fuel Drop to GDF: 8-11-20 / 5:15 PM

Date of Last Calibration for Pressure Measurement Device: 7/1/2020

VACUUM TEST (Section 7.1 through 7.2.7)	
Vacuum at start of test, inches water column (7.2.3)	NA
Vacuum at one minute, inches water column	NA
Vacuum at two minutes, inches water column	NA
Vacuum at three minutes, inches water column	NA
Vacuum at four minutes, inches water column	NA
Final vacuum at five minutes, inches water column	NA
System was NOT under vacuum	
Allowable minimum vacuum, inches water column (from table1):	NA

POSTIVE PRESSURE TEST (Section 7.3 through 7.3.9)	
Pressure at start of test, inches water column (7.3.8)	2.00
Pressure at one minute, inches water column	2.00
Pressure at two minutes, inches water column	2.00
Pressure at three minutes, inches water column	2.00
Pressure at four minutes, inches water column	2.00
Final Pressure at five minutes, inches water column	2.00
Allowable final Pressure, inches water column (7.3.9):	1.77

Tester: Pramdeep Chase

Test Date: 8/12/2020

Site:

TESTING COMPANY:

Site Name: Navy Exchange
Address: Bldg 161
Point Mugu Ca 93042
Phone: NA

Name: Petro Worx
Address: 28508 Alder Peak Ave
Santa Clarita, Ca
Phone: (661) 513-8261

EXHIBIT 8
ITEMS TO CONSIDER IN CONDUCTING TP-201.3

The instructions below are required when conducting TP-201.3 for this system. The tester shall document that each step was followed as indicated below and shall include this page of the Exhibit with the submission of TP-201.3 test results. Note that districts may require use of an alternate form to meet these requirements, provided the alternate form includes the same minimum parameters.

- 1 Prior to conducting TP-201.3, all four ball valves on the Healy Clean Air Separator (CAS) shall be closed, as shown in Figure 1, to isolate it from the UST system to permit the pressurization of the UST system.
- 2 Conducting TP-201.3 with any dispenser piping test valve in the closed position is not permitted. Any dispenser with a dispenser piping test valve in the closed position while conducting TP-201.3 will bias the test towards compliance.
- 3 After conducting TP-201.3, the four ball valves on the Healy Clean Air Separator (CAS) shall be locked in their normal operating positions as shown in Figure 2B-5 of Exhibit 2.

Required Steps	Verification
1. All four CAS ball valves closed before conducting TP-201.3	Yes
2. All dispenser piping test valves open before conducting TP-201.3	Yes
3. All four CAS ball valves in normal operating positions after conducting TP-201.3	Yes

Tester: Pramdeep Chase

Test Date: 8/12/2020

Data Form for Vapor Pressure Sensor Ambient Reference Test

DATE OF TEST:

8/12/2020

SERVICE COMPANY NAME:	Perto Worx	SERVICE COMPANY'S TELEPHONE	661-513-8261
SERVICE TECHNICIAN:	n/a	VST or VEEDER-ROOT TECH CERTIFICATION #:	B38354
	Pramdeep Chase	ICC or District Training Certification (as applicable)	8882538-VT
STATION NAME:	Navy Exchange	DISTRICT PERMIT #:	NA
STATION ADDRESS:	Bldg 161	CITY, STATE, ZIP:	Point Mugu Ca 93042

PRESSURE SENSOR LOCATION:	<u>FP: 1/2</u>	PRESSURE SENSOR SERIAL NUMBER:	<u>11431</u>
----------------------------------	----------------	---------------------------------------	--------------

STEP 8.3	DIGITAL MANOMETER VALUE <u>1.96</u> inches WC
STEP 8.3	TLS 350 SENSOR VALUE <u>1.976</u> inches WC (OBTAIN VALUE USING TLS CONSOLE KEYPAD SEQUENCE SHOWN IN FIG. 8-4, Vapor Pressure)
STEP 8.4	TLS 350 Sensor Value within ± 0.2 inches WC of Digital Manometer Value? Yes <u>XX</u> No <u> </u> REQUIREMENTS OF EXHIBIT 2.
STEP 8.5	MODE KEY PRESSED TO EXIT PMC DIAGNOSITC MENU? <u>Yes</u>

Data Form for Vapor Pressure Sensor Ambient Reference Test

DATE OF TEST: 8/12/2020

SERVICE COMPANY NAME: Petro Worx		SERVICE COMPANY'S TELEPHONE: 661-513-8261	
SERVICE TECHNICIAN:	n/a	VST or VEEDER-ROOT TECH CERTIFICATION #: B38354	
	Pramdeep Chase	ICC or District Training Certification (as applicable) 8882538-VT	
STATION NAME: Navy Exchange		DISTRICT PERMIT #: NA	
STATION ADDRESS: Bldg 161		CITY, STATE, ZIP: Point Mugu Ca 93042	

STEP 9.1	Pressure Sensor Location:	FP: 1/2	PRESSURE SENSOR SERIAL NUMBER:	11431
----------	---------------------------	---------	--------------------------------	-------

STEP 9.2	REFERENCE PORT CAP REMOVED? <u>Yes</u>
	VALVE SET TO AMBIENT REFERENCE PORT (PER FIG. 8-3)? <u>Yes</u>
STEP 9.3	NON-CALIBRATED SENSOR VALUE <u>-0.028</u> INCHES OF WATER COLUMN (OBTAIN VALUE USING TLS CONSOLE KEYPAD SEQUENCE SHOWN IN FIG. 8-4. Vapor pressure)
STEP 9.4	PRESSURE BETWEEN +0.20 & -0.20 (Y/N)? <u>Yes</u> IF NO: THE PRESSURE SENSOR IS NOT IN COMPLIANCE WITH THE PRESSURE SENSOR REQUIREMENTS OF EXHIBIT 2.
STEP 9.5	REFERENCE PORT CAP REPLACED? <u>Yes</u>
	VALVE SET TO NORMAL VALVE POSITION (PER FIG 8-3)? <u>Yes</u>
STEP 6.	MODE KEY PRESSED TO EXIT CALIBRATE SMART SENSOR MENU? <u>Yes</u>

Veeder-Root In-Station Diagnostics (ISD)
 Vapor Flow Meter Operability Test Procedure

DATE OF TEST:	8/12/2020
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SERVICE COMPANY NAME:		Petro Worx		SERVICE COMPANY'S TELEPHONE:		(661) 513 - 8261	
SERVICE TECHNICIAN:	n/a		VEEDER-ROOT TECH CERTIFICATION #: (as applicable)		B38354		
	Pramdeep Chase		ICC or DISTRICT TRAINING CERTIFICATION: (as applicable)		8882538-VT		
STATION NAME:		Navy Exchange		DISTRICT PERMIT #:		NA	
STATION ADDRESS:				CITY, STATE, ZIP CODE:			
Bldg 161				Point Mugu Ca 93042			
STEP 2.	VAPOR FLOW METER SERIAL NUMBER		56092		56093		
	DISPENSER FUELING POINT NUMBERS		FP #	1	FP #	3	
STEP 3.	LOW GRADE FUEL HOSE V/L RESULT #1 (ONE FP ONLY)		1.03		0.97		
STEP 4.	ISD A/L VALUE #1 CORRESPONDING TO RESULT IN STEP 3		1.01		0.93		
STEP 5.	STEP 4. VALUE MINUS STEP 3. VALUE		DIFF.	-0.02	DIFF.	-0.04	
	PASS IF DIFFERENCE IS WITHIN +/- 0.15, LARGER DIFFERENCE, THEN CONTINUE TO STEP 6 (CIRCLE ONE)		PASS	CONTINUE TO STEP 6	PASS	CONTINUE TO STEP 6	
STEP 6.	LOW GRADE FUEL HOSE V/L RESULT #2		NA		NA		
	LOW GRADE FUEL HOSE V/L RESULT #3		NA		NA		
	AVERAGE OF 3 V/L RESULTS		AVG.	NA	AVG.	NA	
STEP 7.	ISD A/L VALUE #2		NA		NA		
	ISD A/L VALUE #3		NA		NA		
	AVERAGE OF 3 A/L VALUES		AVG.	NA	AVG.	NA	
STEP 8.	STEP 7. AVG MINUS STEP 6. AVG		DIFF.	NA	DIFF.	NA	
	PASS IF DIFFERENCE IS WITHIN +/- 0.15, IF LARGER DIFFERENCE, THEN CONTINUE TO STEP 9		NA	CONTINUE TO STEP 6	NA	CONTINUE TO STEP 6	
STEP 9	IF CONTINUE, REPEAT AT STEP 3. FOR 2ND FP USING 2ND FP COLUMN, ABOVE,						

STATION NAME: Navy Exchange		DISTRICT PERMIT #: NA			
STATION ADDRESS: Bldg 161		CITY: Point Mugu Ca		STATE, ZIP: 93042	
STEP 2.	VAPOR FLOW METER SERIAL NUMBER	23935		56089	
	DISPENSER FUELING POINT NUMBERS	FP #	5	FP #	7
STEP 3.	LOW GRADE FUEL HOSE V/L RESULT #1 (ONE FP ONLY)	1.10		1.08	
STEP 4.	ISD A/L VALUE #1 CORRESPONDING TO RESULT IN STEP 3	1.05		1.03	
STEP 5.	STEP 4. VALUE MINUS STEP 3. VALUE	DIFF.	-0.05	DIFF.	-0.05
	PASS IF DIFFERENCE IS WITHIN +/- 0.15, LARGER DIFFERENCE, THEN CONTINUE TO STEP 6 (CIRCLE ONE)	PASS	CONTINUE TO STEP 6	PASS	CONTINUE TO STEP 6
STEP 6.	LOW GRADE FUEL HOSE V/L RESULT #2	NA		NA	
	LOW GRADE FUEL HOSE V/L RESULT #3	NA		NA	
	AVERAGE OF 3 V/L RESULTS	AVG.	NA	AVG.	NA
STEP 7.	ISD A/L VALUE #2	NA		NA	
	ISD A/L VALUE #3	NA		NA	
	AVERAGE OF 3 A/L VALUES	AVG.	NA	AVG.	NA
STEP 8.	STEP 7. AVG MINUS STEP 6. AVG	DIFF.	NA	DIFF.	NA
	PASS IF DIFFERENCE IS WITHIN +/- 0.15, IF LARGER DIFFERENCE, THEN CONTINUE TO STEP 9	NA	CONTINUE TO STEP 6	NA	CONTINUE TO STEP 6
STEP 9	IF CONTINUE, REPEAT AT STEP 3. FOR 2ND FP USING 2ND FP COLUMN, ABOVE,				

Required Data When Conducting the
Liquid Condensate Trap Compliance Test Procedure

Liquid Condensate Trap Compliance Test Form

Testing Company

Site Name: Navy Exchange Auto Port
Address: Building 161
Point Mugu, CA 93042
Phone: NA
Date of Test: 8/12/2020

Name: Petro Worx
Address: 28508 Alder Peak
Canyon Country Ca 91387
Phone: (661) 513-8261

District Permit #: NA Certification #'s (as applicable)

ICC Cert. #: 8191293-VT

Healy Tech. Cert. #: 1002142709

Capacity of LCT in gallons: 9.9

Applicable Step Number	Requirement	Verification (please circle)	
		YES	NO
STEP 3.2	Gasoline below 90 percent capacity level of UST?	<u>YES</u>	<u>NO</u>
STEP 5.3	Was tag with LCT capacity present above Fuel Entry Point?	<u>YES</u>	<u>NO</u>
STEP 6.2	Did Liquid Sensor activate an Audible Alarm as well as Visual Alarm at control panel within five minutes after adding gasoline? (Attach alarm/sensor status	<u>YES</u>	<u>NO</u>
STEP 6.3	Did LCT evacuate and Sensor Alarms clear? (Attach alarm/sensor status printout to this Form.)	<u>YES</u>	<u>NO</u>

Tester: Pramdeep Chase

Test Date: 8/12/2020

ALARM HISTORY REPORT

PRESSURE LINE LEAK ALARM
REGULAR UNLEADED 2
SHUTDOWN ALARM
MAR 12, 2020 10:29 AM

***** SENSOR ALARM *****
LIQ VAPOR POT SUMP
PIPING SUMP
PUMP ALARM
MAR 12, 2020 10:29 AM

LIQ ALARM
MAR 9, 2020 11:29 AM

REFUEL DATA WARNING
MAR 5, 2020 1:42 AM

***** SENSOR ALARM *****
LIQ VAPOR POT SUMP
PIPING SUMP
PUMP ALARM
MAR 12, 2020 10:29 AM

***** END *****

2020 Twelve-Month Rolling Sum Throughput / Consumption Report NBVC Point Mugu Title V Permit 00997

NEX Gas Station Throughput	1,800,000 Gallons	1,371,230	1,363,560	1,402,804	1,359,111	1,327,343	1,289,844	1,259,620	1,235,467	1,207,400	1,184,329	1,148,887	1,108,104
Standby Engines													
Operated for maintenance purposes													
Building Number:													
1	50 Hours	1.4	1.4	1.2	1.0	1.0	1.2	1.0	1.0	0.8	0.8	0.6	0.4
13	20 Hours	1.2	1.2	1.0	1.0	0.8	0.9	1.4	1.9	1.7	2.2	2.1	2.1
14	20 Hours	8.3	8.2	9.2	9.8	9.8	11.1	10.9	11.0	11.1	11.1	11.8	11.1
3015	20 Hours	1.6	1.4	1.6	1.4	1.4	1.2	1.4	1.2	1.0	0.8	0.8	0.6
303	50 Hours	1.8	1.8	1.6	1.6	1.4	1.4	1.2	1.0	0.8	12.0	11.8	11.8
322	20 Hours	1.5	1.7	1.5	1.5	1.7	2.1	1.9	1.9	1.7	13.4	13.2	13.2
323	50 Hours	1.6	1.8	1.8	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.4	1.2
327	50 Hours	1.4	1.2	1.2	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.6	0.6
355	50 Hours	2.0	2.0	1.8	2.3	2.1	3.3	3.1	3.1	3.4	15.7	15.5	15.5
359	50 Hours	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.1	2.0	1.8	1.8
369	20 Hours	1.6	1.6	1.6	1.5	1.5	1.3	1.1	0.9	0.7	0.7	0.5	0.3
369	50 Hours	0.0	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
369	50 Hours	0.0	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
50	50 Hours	2.2	2.2	2.2	2.2	2.0	4.0	3.8	3.8	3.6	3.4	3.4	3.2
50	20 Hours	8.0	8.0	9.0	8.0	9.0	8.0	8.0	7.0	6.0	6.0	7.0	7.0
531	50 Hours	1.2	1.2	1.0	1.0	0.8	0.6	0.6	0.4	0.4	0.4	0.4	0.4
53-2	20 Hours	3.7	4.6	4.1	3.4	4.4	4.1	3.9	3.5	3.2	14.2	13.7	15.8
58	20 Hours	3.3	3.3	3.5	3.5	2.7	3.2	3.0	2.3	2.6	2.4	2.4	2.2
63	50 Hours	12.7	12.7	10.6	12.4	10.5	8.5	6.5	5.1	5.0	5.0	5.1	5.1
64	50 Hours	2.0	2.0	1.8	5.4	5.7	5.7	5.5	5.4	5.3	5.3	5.3	5.1
67	20 Hours	1.6	1.6	1.4	1.4	1.2	5.2	5.0	5.0	4.8	4.8	4.6	4.6
674	50 Hours	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.3	5.3
812	30 Hours	2.7	2.7	2.6	2.6	2.6	2.8	2.6	2.6	2.4	12.6	13.0	12.8
850	50 Hours	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905 - Out of Service	20 Hours	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916	50 Hours	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93	20 Hours	1.7	1.7	1.7	1.5	1.5	1.6	1.4	1.4	1.2	1.5	1.3	1.3

