LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
Fire Pump - Initial Test

Test Report Number
243136

TEST SITE INFORMATION

TEST SITE ADDRESS: (STREET)	(CITY)	(STATE)	(ZIP)	TEST SITE PHONE:
814 W 23RD ST, 1	LOS ANGELES	CA	90007	(213) 746-1385

OCCUPANCY TYPE:	NUMBER OF STORIES:	YEAR BUILT:	CONSTRUCTION TYPE:	SQUARE FOOTAGE:
R - 2	1	1965	Type III	50000

RESPONSIBLE PARTY

NAME: (LAST, FIRST, MI)	TITLE:	FIRM OR O.R.A.:
Parker, Tim	RESPONSIBLE PERSON	ALLENCO ENERGY, INC

MAIL ING ADDRESS: (STREET)	(CITY)	(STATE)	(ZIP)	PHONE:
2109 Gundry Ave.	Los Angeles	CA	90755-3517	(562) 989-6100

TEST INFORMATION

INITIAL TEST DATE:	TESTING AGENCY:	PHONE:
08/12/2016	Brennan Fire & Security, Inc.	(562) 320-7048

MAILING ADDRESS: (STREET)	(CITY)	(STATE)	(ZIP)
6217 Washington ave.	Whittier	CA	90601

TEST RESULTS

☒ **PASS** ☐ **FAIL**

All sections below shall be found in the following pages of this report.

SECTIONS:

I. BUILDING DESCRIPTION
II. SYSTEM DESCRIPTION
III. FINDINGS
IV. TESTING PROCEDURES/WORKSHEETS

I HEREBY CERTIFY THAT THE FIRE PROTECTION EQUIPMENT LISTED ABOVE HAS BEEN FULLY TESTED IN ACCORDANCE WITH THE CHIEF'S REGULATION NO. 4 OF THE LOS ANGELES FIRE CODE AND THAT THE RESULTS ARE ACCURATELY LISTED ABOVE AND THE EQUIPMENT IS FULLY OPERABLE **EXCEPT** AS NOTED.

TESTER'S NAME:	CERTIFICATE #:	EXPIRATION DATE:	SIGNATURE:
Brennan, Joseph	R4-263	7-31-2017	Joseph B

REPAIR AND RETEST: IF DEFECTS ARE FOUND IN EQUIPMENT TESTED, CORRECTION OF SUCH DEFECTS SHALL COMMENCE FORTHWITH AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT IN EVERY CASE WITHIN 30 DAYS OF INITIAL TEST. THE F-340RT SHALL BE USED TO DOCUMENT THE RETEST OF DEFECTS FOUND IN SCTION III. A COPY OF SECTION III OF THIS REPORT SHALL BE ATTACHED TO THE F-340RT PRIOR TO SUBMITTING TO THE FIRE DEPARTMENT.

REPORT SUBMITTAL INFORMATION:

ALL REPORTS ARE REQUIRED TO BE SUBMITTED TO THE LOS ANGELES CITY FIRE DEPARTMENT VIA THE COMPLIANCE ENGINE WITHIN 7 DAYS OF TEST COMPLETION.

ENTERED BY:	ENTERED DATE:	ENTERED TIME:
Brennan, Joseph	08/22/2016	4:12 PM

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
THIS PAGE BY ITSELF IS NOT A COMPLETE REPORT

Test Report Number
243136

INITIAL TEST DATE	TEST SITE ADDRESS (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

Section I - Building Description:

CHARACTERISTICS

PRIMARY OCCUPANCY TYPE H - 2

SECONDARY OCCUPANCY TYPE

TYPE OF BUSINESS CONDUCTED

- ☐ Apartment/Condo
- ☐ Bar/Restaurant
- ☐ Church
- ☐ College/University
- ☐ Day Care
- ☐ Detention Facility
- ☐ Group Home
- ☐ Hospital
- ☐ Hotel/Motel
- ☐ Medical Office/Clinic
- ☐ Museum
- ☐ Parking Structure
- ☐ Office Space
- ☐ Repair Garage
- ☐ Retail
- ☐ Skilled Nursing
- ☐ Telecommunications
- ☐ Theatre
- ☐ Warehouse
- ☒ Other: Oil Well

UNIQUE PROPERTY FEATURES:

FIRE CONTROL ROOM: ☐YES ☒NO

ELEVATOR INFORMATION: CARS BANKS

PASSENGER

FREIGHT

PARKING

NUMBER OF STAIRWAYS: 1

FIRE PUMP(S): ☒YES ☐NO

LOCATION: North Side of Yard

EMERGENCY GENERATOR(S): ☐YES ☐NO

LOCATION:

PARKING STRUCTURE:

☐ UNDERGROUND ☐ DETACHED ☐ ATTACHED

NUMBER OF LEVELS BELOW GROUND: 1

TYPES OF OCCUPANCIES BELOW GROUND:

H-2 Oil Wells

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
THIS PAGE BY ITSELF IS NOT A COMPLETE REPORT

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INITIAL TEST DATE:	TEST SITE ADDRESS (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

The **owner/owner(s) representative** shall ensure that the appropriate permits have been secured prior to any repairs being performed.
A copy of this section shall accompany the F-340RT in all cases.

Section III - Findings: ☐ **SYSTEM DEFECTS FOUND** ☒ **NO SYSTEM DEFECTS FOUND**

GRAY AREAS SHALL BE FILLED OUT BY CERTIFIED TESTER PERFORMING RETEST

DEFECT #	ITEM # (SECTION IV)	DESCRIPTION	LOCATION	RETEST ONLY

INITIAL TEST PERFORMED BY

TESTER'S NAME:	CERTIFICATE #:	EXPIRATION DATE:	SIGNATURE:
Brennan, Joseph	R4-263	7-31-2017	Joseph B

PHONE NUMBER OF TESTING AGENCY:	TESTING AGENCY:	STATE:	ZIP:
(562) 320-7048	Brennan Fire & Security, Inc.	CA	90601

RETEST PERFORMED BY

RETEST DATE:	RE-TESTER'S NAME:	CERTIFICATE #:	EXPIRATION DATE:	RE-TESTER'S SIGNATURE:	PHONE NUMBER:
/ /					

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
THIS PAGE BY ITSELF IS NOT A COMPLETE REPORT

Test Report Number
243136

INITIAL TEST DATE:	TEST SITE ADDRESS: (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

All testing procedures below were performed in accordance with the Los Angeles Fire Department Chief's Regulation No. 4 requirements, applicable sections of the N.F.P.A. Standards and other approved publications.

ITEM #	DESCRIPTION

SECTION II - SYSTEM DESCRIPTION: STATIONARY FIRE PUMP

Type of Fire Pump:

Centrifugal Inline Fire Pump

Pump ID Number:

1

Pump Manufacturer:

AC-Fire Pump

Model#:

7L83 1S80

Serial#:

14-059442-01-01/QKT619

Pump: Rated Capacity (GPM/Flow):

300

Rated Head (Pressure/PSI):

140

Rated RPM (Speed):

3550

Pump Configuration:

- ☒ Single
- ☐ Series
- ☐ Parallel

Vertical Zones:

- ☐ Low Zone
- ☐ Mid Zone
- ☐ High Zone
- ☒ No

Type of Driver:

- ☐ Diesel Engine
- ☒ Electric Motor
- ☐ Gasoline Engine

Driver Manufacturer:

WEG

Serial No.:

R060360P3E326JPV

Type of Controller:

TESTER'S NAME	CERTIFICATE #	EXPIRATION DATE:	PHONE NUMBER OF TESTING AGENCY:
Brennan, Joseph	R4-263	7-31-2017	(562) 320-7048

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
THIS PAGE BY ITSELF IS NOT A COMPLETE REPORT

Test Report Number
243136

INITIAL TEST DATE:	TEST SITE ADDRESS: (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

ITEM #	DESCRIPTION

☐ Diesel
☒ Electric

Fire Pump Room/Location

North Side of Yard

Test Header Location:

North Side of Yard Just in front of fire pump.

Number of Test Header Hose Valve Outlets:

1

Test Header Discharge Location:

☒ To Atmosphere
☐ To Water Tank

Water Supply:

☒ Public Main
☐ Water Tank Above Ground
☐ Water Tank Below Ground

Refill Valve(s):

☒ Automatic
☐ Manual

Pump Serves:

☐ Sprinkler System Only
☒ Combined Standpipe & Sprinkler
☐ Class III Combination

Maintenance/Jockey Pump

☒ Yes
☐ No

SECTION IV - TESTING PROCUEDURES: STATINOARY FIRE PUMP ASSEMBLY		PASS	FAIL	N/A
1.0 SCHEDULING/NOTIFICATION		**PASS**	**FAIL**	**N/A**
1.1	Fire Department dispatch, supervising station & building occupants notified prior to the start of the test. Yes			
2.0 INSPECTION		**PASS**	**FAIL**	**N/A**
2.1	Fire pump piping and valves are free of leaks and excessive corrosion.	☒	☐	☐
2.2	Fire pump controller and remote pump status panel (if applicable) indicates proper status.	☒	☐	☐
2.3	Fire pump water supply was available.	☒	☐	☐
2.4	Small drips of water was observed at the pump packing glands while pump is off.	☒	☐	☐
2.5	All gauges are not damaged and legible and in good working order.	☒	☐	☐

TESTER'S NAME	CERTIFICATE #	EXPIRATION DATE	PHONE NUMBER OF TESTING AGENCY
Brennan, Joseph	R4-263	7-31-2017	(562) 320-7048

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
THIS PAGE BY ITSELF IS NOT A COMPLETE REPORT

Test Report Number
243136

INITIAL TEST DATE:	TEST SITE ADDRESS: (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

ITEM #	DESCRIPTION			
2.6	Gauges are accurate within 3% of full scale as determined by a calibrated comparison gauge.	☒	☐	☐
2.7	Pump rated capacity (Flow), head (pressure), and RPM was obtained from pump name plate.	☒	☐	☐
2.8	Batteries are free of physical damage, leaks, loose connections, and corrosion.	☐	☐	☒
2.9	Battery water level & voltage readings checked.	☐	☐	☒
2.10	Diesel driver oil, water, and fluid levels checked.	☐	☐	☒
	3.0 OPERATIONAL TESTS	**PASS**	**FAIL**	**N/A**
3.1	Six manual starts were conducted by use of a switch, push button, or manual start handle.	☒	☐	☐
3.2	Six automatic starts were conducted by dropping the pressures at the most remote location and the pressure sensing line.	☒	☐	☐
3.3	Churn test was conducted (0%) with the fire pump discharge outlets closed (except for minimum flow pump cooling)	☒	☐	☐
3.4	Fire pump discharge was tested at 50% of its rated capacity and pressure.	☒	☐	☐
3.5	Fire pump discharge was tested at 100% of its rated capacity and pressure.	☒	☐	☐
3.6	Fire pump discharge was tested at 150% of its rated capacity and pressure.	☒	☐	☐
	Note: Where pump is unable to operate at 150% of its rated capacity due to lack of supply from the city main the maximum flow may be allowed with approval the LAFD.			
3.7	Pump operated at less than 150% but operated at the maximum capacity allowed by LAFD.	☐	☐	☒
3.8	At 150% of its rated capacity, the pump operated at 65% of its rated pressure/head.	☒	☐	☐
3.9	Pump is fed directly from a city main and the suction pressure did not fall below 20 psi at any point during flow testing.	☒	☐	☐
3.10	Pump is fed from a suction tank with its base at or above the same level as the pump and the suction pressure did not fall below -3 psi at any point during flow testing.	☐	☐	☒
3.11	Circulation relief valve operated properly.	☒	☐	☐
3.12	Pressure relief valve operated properly.	☐	☐	☒
3.13	Heat exchanger checked for proper operation.	☐	☐	☒
3.14	Pump was checked for unusual noises or vibrations.	☒	☐	☐
3.15	Packing box(s) bearings, and pump was checked for overheating.	☒	☐	☐
3.16	Diesel driven pump ran for a minimum of 30 minutes	☐	☐	☒
3.17	Electric motor driven pump ran for a minimum of 10 minutes.	☒	☐	☐
3.18	Pumps arranged to start in series started in intervals of 5 to 10 seconds.	☐	☐	☒
3.19	Water tank automatic refill valves were observed for proper operation.	☐	☐	☒
	Attach - Fire pump worksheet and pump curve sheet.			
3.20	LAFD fire pump worksheet and pump curve sheet is attached for the pump listed in Section II of this report. Yes			

TESTER'S NAME	CERTIFICATE #	EXPIRATION DATE	PHONE NUMBER OF TESTING AGENCY
Brennan, Joseph	R4-263	7-31-2017	(562) 320-7048

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT
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Test Report Number
243136

INITIAL TEST DATE:	TEST SITE ADDRESS: (STREET NUMBER AND STREET NAME)
08/12/2016	814 W 23RD ST, 1

EQUIPMENT TESTED:

Fire Pump - Initial Test

ITEM #	DESCRIPTION

AREAS/DEVICES/APPLIANCES NOT ACCESSIBLE FOR TESTING

A minimum of 90% of testing is required. If less than 90% testing is conducted do not submit this report.

Description:

END OF REPORT

ALL FINDINGS INDICATING "FAIL" ARE LISTED IN SECTION III (YELLOW SECTION) AND HAVE BEEN POPULATED WITH THE ITEM DESCRIPTION, NUMBER AND LOCATION.

THE RESULTS ARE ACCURATELY LISTED AND THE EQUIPMENT IS FULLY OPERABLE EXCEPT AS NOTED. YOU ARE A CERTIFIED REGULATION NO. 4 TESTER WITH A VALID CERTIFICATION OR HAVE BEEN AUTHORIZED TO SUBMIT THE INFORMATION ON BEHALF OF A CERTIFIED CHIEFS REGULATION NO. 4 TESTER.

I ACCEPT

☒ Yes

TESTER'S NAME:	CERTIFICATE #:	EXPIRATION DATE:	PHONE NUMBER OF TESTING AGENCY:
Brennan, Joseph	R4-263	7-31-2017	(562) 320-7048

LOS ANGELES FIRE DEPARTMENT
ANNUAL FIRE PUMP PERFORMANCE TEST WORK SHEET

THIS PAGE BY ITSELF IS NOT A COMPLETE DOCUMENT AND SHALL BE ATTACHED TO THE F-340R ANNUAL FIRE PUMP REPORT

TOTAL HOURS _____

PAGE _____ of _____

TEST SITE ADDRESS: (street) (city) (state) (zip) (Phone)		
814 W 23RD ST, 1, LOS ANGELES, CA 90007 (562) 989-6100		
EQUIPMENT TESTED: FIRE PUMP	TEST DATE(S) 8-12-2016	FIRM OR D.B.A. ALLENCO ENERGY, INC

FIRE PUMP INFORMATION: PUMP # 1 OF 1

MANUFACTURER	RATED GPM	RATED HEAD-FT.	RELIEF VALVE PSI	TANK SIZE AND LOCATION (IF APPLICABLE)				
AC-Fire Pump	300	323		NA				
MODEL	RATED PSI	RATED RPM	IMPELLER SIZE	CITY SUPPLY PRESSURE (IF SUPPLIED DIRECTLY BY CITY)				
7L83 1580	140	3550	9.45	MIN	55	MAX		(IF AVAILABLE)
TYPE OF PUMP		RELIEF VALVE SETTING		PUMP LOCATION				
Centrifugal Inline Fire Pump e				North Side of Yard				

DRIVER INFORMATION:

DIESEL	☐ IF DIESEL DRIVEN, HOW MANY GALLONS OF FUEL ARE AVAILABLE (8 HOUR SUPPLY REQUIRED)?	500	GALLONS
ELECTRIC	☒ IF ELECTRICALLY DRIVEN, HOW MANY GALLONS OF FUEL SUPPLY THE EMERGENCY GENERATOR?		

CONTROLLER INFORMATION:

MANUFACTURER	AUTO START	AUTO STOP	MODEL	OVERRUN TIME	JOCKEY PUMP (PSI)			
Firetrol	70	85	FTA1000-AM608		ON	75	OFF	85

PERFORMANCE TEST:

RATED CAPACITY	REQUIRED GPM	NUMBER OF OUTLETS	NOZZLE ORIFICE SIZE	REQUIRED PITOT PRESSURE	GPM OBTAINED	SUCTION PSI	DISCHARGE PSI	SYSTEM PSI	NET PSI	PUMP SPEED IN RPM
0%	0	0	0	0	0	50	200		150	3584
50%	150	1	1.75	3	150	50	195		145	3575
100%	300	1	1.75	11	300	50	195		145	3569
150%	450	1	1.75	25	450	50	195		145	3547

LOCATION(S) OF TEST FLOWS & REMOTE STARTS	AUTOMATIC STARTS: 6 NUMBER OF STARTS	AUTOMATIC STARTS: 6 SATISFACTORY RESULTS	MANUAL STARTS: 6 NUMBER OF STARTS	MANUAL STARTS: 6 SATISFACTORY RESULTS
Fire pump and Test header	6	☒YES ☐NO	6	☒YES ☐NO

SYSTEM PRESSURE TAKEN AT:

At 150 percent of rated capacity, the net pump pressure shall be at least 65 percent of the rated pressure
PUMP RATED PRESSURE: 140 PUMP NET PRESSURE: 145
PUMP NET PRESSURE IS: 103 %

☒ PASS ☐ FAIL

IS FIRE PUMP STATUS INFORMATION CORRECTLY INDICATED IN THE FIRE CONTROL ROOM? ☒YES ☐NO

IF PREVIOUS RESULTS ARE AVAILABLE, IS THE NET PUMP PRESSURE WITHIN 5 % OF THE PREVIOUS RESULTS AT EACH POINT? ☐YES ☐NO ☒N/A

TESTER'S NAME & CERTIFICATE #	EXPIRATION DATE	TESTER'S SIGNATURE	FIRE DEPARTMENT WITNESS (SIGNATURE & ASSIGNMENT)
JOSEPH BRENNAN R4-263	7-31-2017		

TESTING AGENCY PHONE NUMBER: (562) 320-7048

LOS ANGELES FIRE DEPARTMENT
FIRE PROTECTION EQUIPMENT PERFORMANCE REPORT- STATIONARY FIRE PUMP

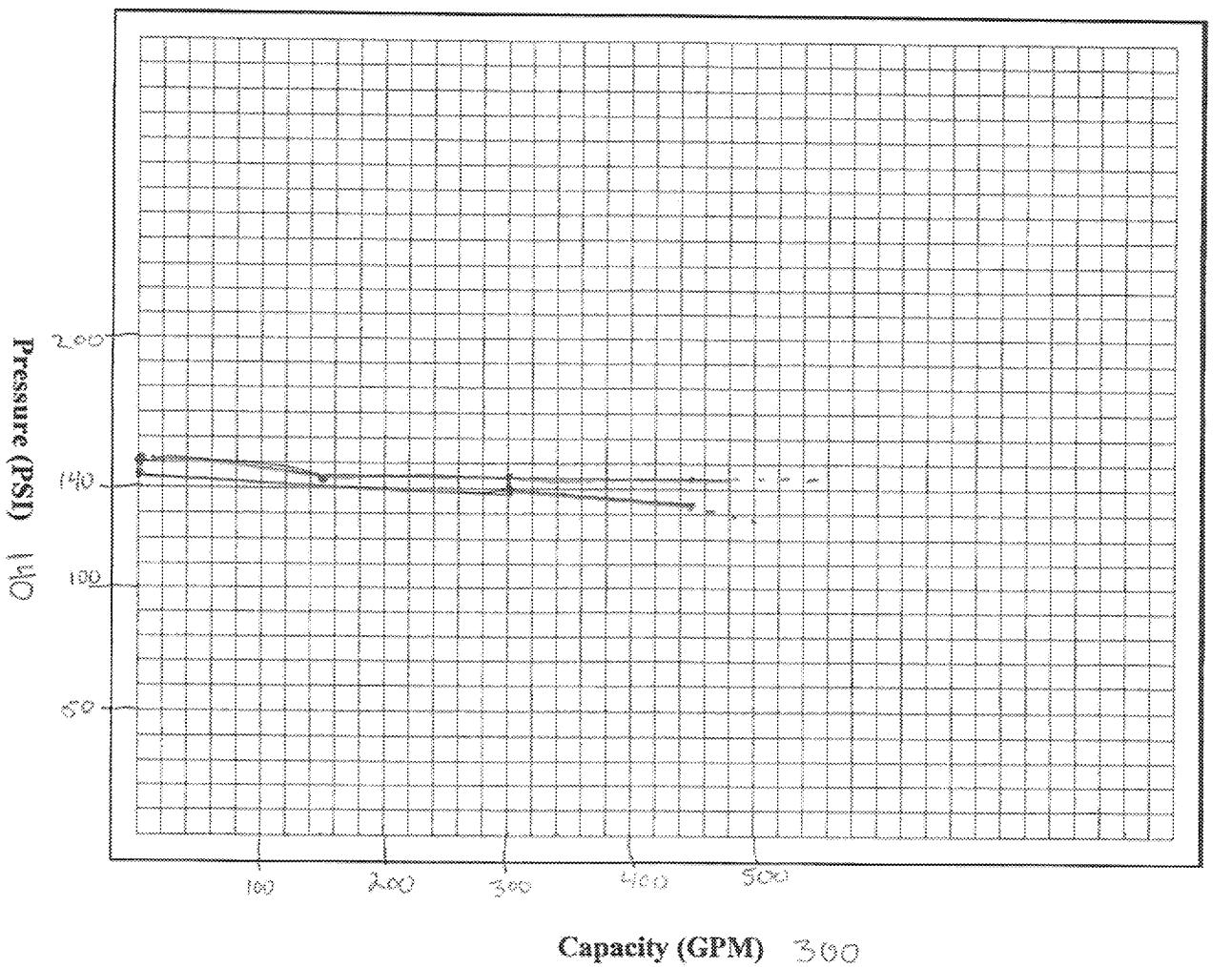
TEST SITE ADDRESS: (street) (city) (state) (zip) (Phone)	
814 W 23RD ST 1 LOS ANGELES CA 90007 (562) 989-6100	
EQUIPMENT TESTED: FIRE PUMP	TEST DATE(S): 8/12/16 — FIRM on D.B.A.

Type of Fire Pump: Centrifugal - Pump ID Number: 1

Pump Manufacturer: AC-Fire Pump Model: #. 7L83 1580 Serial #: 14-059442-01-01

Pump: Rated Capacity (GPM/Flow): 300, Rated Head (Pressure/PSI): 140, Rated RPM (Speed) 3550

PUMP CURVE



TESTER'S NAME & CERTIFICATE #	EXPIRATION DATE	ADDRESS OF TESTING AGENCY: (STREET)
JOSEPH BRENNAN R4-263	7-31-2017	ERROR! REFERENCE SOURCE NOT FOUND.