

Lakewood 2016



Cascade Engineering Services, Inc.

12026 115th Ave NE, Suite 102 Kirkland WA, 98034
T.425.895.8617, F.425.702.9358



**CERTIFICATION CONCERNING DESIGN AND CONSTRUCTION
OF ELECTRONIC SPEED MEASURING DEVICES**

IRLJ RULE 6.6 EFFECTIVE 10/31/2000

I, Charles N. Brown do certify under penalty of perjury as follows:

I am employed with Cascade Engineering Services, Inc. (CES) Metrology and Electronic Repair Services, as a Senior Metrology Technician, specialized in Speed Measuring Device (SMD) technology. I have been employed in such a capacity for 32 years. Part of my duties include supervising others in the maintenance and repair of all electronic Doppler and Laser speed measuring devices (SMD's) utilized by LAKEWOOD POLICE DEPARTMENT

I maintain the following qualifications with respect to SMD(s): Twelve years military experience in electronics, which included the repair and calibration of airborne and ground radar systems. I have over 15 years experience in the repair and calibration of Doppler and Lidar SMD's. I have successfully completed factory training in the repair and service of Laser Speed Detection systems by LTI, Inc. Graduate of Washington Technical Institute. I have successfully completed courses in the repair and calibration of measuring instruments. I am experienced and competent in the principles and fundamental requirements of calibration from DC to Microwave frequencies.

CES Metrology Laboratory is audited periodically by American Association for Laboratory Accreditation (A2LA) to ensure and maintain our ISO/IEC 17025:2005 accreditation and certification, (No. 2560.01), for technical competence. Our laboratory maintains manuals specific to these SMD(s). I am personally familiar with those manuals and how each of the SMD's is designed and operates. The SMD's were calibrated and tested under my direction on the Calibration Date(s) indicated. The unit(s) were serviced to meet or exceed existing performance standards.

All Doppler SMD's are tested as follows: The Vocar HR, handheld Radar certification system, Serial number VHR0510120 is used to calibrate Doppler SMD devices. The Vocar HR is calibrated annually by the manufacturer. The Vocar HR is used to simulate speeds at 5 mph increments from 20 mph to 140 mph to verify accuracy in stationary and moving mode. Measurements are taken of the SMD transmit frequency, antenna/receiver sensitivity and any accompanying tuning forks are also tested for accuracy. All other operational functions of the SMD system are then tested for proper performance.

The Laser SMD's transmit a series of highly focused light wave pulses each time the trigger is pulled and utilizes two laws of physics; time and distance (I.E. 3.5 feet in diameter at 1000 ft). Since the speed of light is a known value, the distance of the target is determined by calculating how long it takes for the signal to travel to the target and back. This series of measurements allows the SMD to calculate the speed of the target by measuring the distance traveled in time (usually less than a second for a veritable display). The displayed speed is accurate to within ± 1 MPH.

All Lidars tested on or before November 24, 2008 were performed as follows: The Lidars Crystal Oscillator Reference Frequency test confirms that the output frequency of the Lidar is within the accepted range for the output of the device. This test is performed using a Hewlett Packard 53131A Frequency Counter, SN: 3546A10749, which is calibrated annually by Agilent Technologies. The HUD Alignment test confirms the Heads-Up Display is in proper alignment. The fixed distance test verifies that the Lidar correctly measures fixed distances within tolerances set by the Manufacturer. The Delta Distance test then ensures the math microprocessor is working properly. Nominal distances are traceable to Lufkin 0-300ft tape measure, SN: L1709, which is calibrated once every 3 years. The Lidars output power is tested using an Ophir Nova Display SN. 70228, with a PD300-SH power head, SN. 68814.

All Lidars tested after November 24, 2008 will be tested as follows: The Laser Speed Measurement Simulator (LSMS SN: SS000043) is used to simulate a moving target. This is accomplished by detecting the optical output pulses of the laser device and generating artificial return pulses. Different speed values and ranges are simulated by varying the time delays between the input pulses and the return pulses. The LSMS consists of a Digital Delay Generator (DDG), and an optical interface unit (SN: OH000030). The DDG produces precise time delays. The optical interface unit converts the optical energy of the laser instrument into electrical signals which are supplied to the DDG. The optical interface unit also converts the electrical signals received from the DDG into optical energy which is then transmitted to the Lidar. The Lidars output power is tested using an Ophir Nova Display SN. 70228, with a PD300-SH power head, SN. 68814.

Based upon my education, training, experience, and knowledge of these SMD(s), it is my opinion that each of these electronic pieces of equipment is so designed and constructed as to accurately employ the Doppler effect in such a manner that it will produce accurate measurements of the speed of motor vehicles when properly calibrated and operated by trained operator or, in the case of the laser SMD each of these pieces of equipment is so designed and constructed as to accurately employ measurement techniques based on the velocity of light in such a manner that it will produce accurate measurements of the speed of motor vehicles when properly calibrated and operated by a trained operator.

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JUL 19 2016

MUNICIPAL COURT

This agency, LAKEWOOD POLICE DEPARTMENT currently utilizes the following Laser SMD(s):

KUSTOM Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
PL19660	PRO LASER III	N/A	N/A	N/A	N/A	N/A 02/25/2015	12 MONTHS	02/25/2016
PL21056	PRO LASER III	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
PL31986	PRO LASER III	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
PL31987	PRO LASER III	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
PL31990	PRO LASER III	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017

LASER TECHNOLOGY INC Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
TJ000191	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
TJ000192	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
TJ000194	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
TJ000427	LTI 20-20	N/A	N/A	N/A	N/A	N/A 02/25/2015	12 MONTHS	02/25/2016
TJ000799	LTI 20-20 TRUSPEEL	N/A	N/A	N/A	N/A	N/A 03/16/2016	12 MONTHS	03/16/2017
TJ000801	LTI 20-20 TRUSPEEL	N/A	N/A	N/A	N/A	N/A 02/25/2015	12 MONTHS	02/25/2016
TJ003455	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 05/13/2015	12 MONTHS	05/13/2016
TJ003456	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017
TJ003457	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 05/13/2015	12 MONTHS	05/13/2016
TJ003458	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 07/13/2016	12 MONTHS	07/13/2017
TJ003459	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 05/13/2015	12 MONTHS	05/13/2016

LASER TECHNOLOGY INC. Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
TJ000813	LTI 20-20 TRUSPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017

LTI Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
I05797/TJ000195	LTI 20/20 TRU SPEEL	N/A	N/A	N/A	N/A	N/A 02/24/2016	12 MONTHS	02/24/2017

This agency, LAKEWOOD POLICE DEPARTMENT currently utilizes the following Doppler SMD(s):

APPLIED CONCEPTS Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
DC099952	STALKER DUAL SL	KA073616	KA073625	168766	268481	06/24/2015	24 MONTHS	06/24/2017
DC110304	STALKER DUAL SL	KC076547	KC076551	FA212570	FB315146	06/24/2015	24 MONTHS	06/24/2017
DC110305	STALKER DUAL SL	KC076550	KC076563	FA212572	FB315145	06/24/2015	24 MONTHS	06/24/2017
DP013353	STALKER DSR 2X	KC0039069	KR013231	182916	282408	02/24/2016	24 MONTHS	02/24/2018
DP14191	STALKER DSR 2X	KC042327	KR014273	185376	286536	02/24/2016	24 MONTHS	02/24/2018
DP14215	STALKER DSR 2X	KR014265	KC042312	185380	286539	02/24/2016	24 MONTHS	02/24/2018
DP14218	STALKER DSR 2X	KR014335	KC042330	185379	286540	06/24/2015	24 MONTHS	06/24/2017
DP14228	STALKER DSR 2X	KR014333	KC042254	185378	286538	03/08/2016	24 MONTHS	03/08/2018

APPLIED CONCEPTS INC. Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
DP14222	STALKER DSR 2X	KC042309	KR014266	185377	286537	03/08/2016	24 MONTHS	03/08/2018

DECATUR Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
GHD-04683	GENESIS HANDHELI	HANDHELD	N/A	156143	156034	06/24/2015	24 MONTHS	06/24/2017
GHD-04754	GENESIS HANDHELI	HANDHELD	N/A	155997	N/A	06/24/2015	24 MONTHS	06/24/2017
GHD-04811	GENESIS HANDHELI	HANDHELD	N/A	156087	156047	02/24/2016	24 MONTHS	02/24/2018
GHD-04824	GENESIS HANDHELI	HANDHELD	N/A	156123	170699	02/24/2016	24 MONTHS	02/24/2018
GHD-04826	GENESIS HANDHELI	HANDHELD	N/A	55528	51531	02/24/2016	24 MONTHS	02/24/2018
GHD-04828	GENESIS HANDHELI	HANDHELD	N/A	6728	N/A	06/24/2015	24 MONTHS	06/24/2017
GHD-04831	GENESIS HANDHELI	HANDHELD	N/A	156072	156002	06/24/2015	24 MONTHS	06/24/2017
GHD-04866	GENESIS HANDHELI	HANDHELD	N/A	156142	156062	06/24/2015	24 MONTHS	06/24/2017
GHD-04890	GENESIS HANDHELI	HANDHELD	N/A	47291	N/A	02/24/2016	24 MONTHS	02/24/2018
GHD-04897	GENESIS HANDHELI	HANDHELD	N/A	156170	156031	02/25/2015	24 MONTHS	02/25/2017

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MPH INDUSTRIES Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
5240	VINDICATOR	HANDHELD	N/A	298388	N/A	06/24/2015	24 MONTHS	06/24/2017
5246	VINDICATOR	HANDHELD	N/A	6886	N/A	06/24/2015	24 MONTHS	06/24/2017
664008614	BEE III	BEN653021584	BEN653021585	392233	392408	03/03/2015	24 MONTHS	03/03/2017
664008616	BEE III	BEN653021589	BEN653021588	392248	392252	02/25/2015	24 MONTHS	02/25/2017
930002311	BEE III	BEN65303004	BEN65303005	298523	298529	12/22/2014	24 MONTHS	12/22/2016
930002313	BEE III	BEN653013004	BEN653013005	965581	965546	02/24/2016	24 MONTHS	02/24/2018
930002314	BEE III	BEN653013011	BEN653013010	965583	965516	06/24/2015	24 MONTHS	06/24/2017
930002315	BEE III	BEN653013012	BEN653013013	965523	965532	06/24/2015	24 MONTHS	06/24/2017
BEE664000372	BEE III	BEN653000920	BEN653000919	298611	298681	02/24/2016	24 MONTHS	02/24/2018
BEE664008617	BEE 36	BEE113001613	BEE113000605	392245	392393	02/24/2016	24 MONTHS	02/24/2018
BEE665000388	BEE	BEN653000917	BEN653000918	747779	749718	02/25/2015	24 MONTHS	02/25/2017
BEE706000288	BEE III	BEN653000920	BEN653000919	965568	965513	02/24/2016	24 MONTHS	02/24/2018
HMM556000951/DP	SPEED GUN	HANDHELD	N/A	966359	070908	07/27/2015	24 MONTHS	07/27/2017
HHS568000846	Z-15	HANDHELD	N/A	298375	N/A	02/25/2015	24 MONTHS	02/25/2017
HHS568000847	Z-15	HANDHELD	N/A	070704	N/A	02/25/2015	24 MONTHS	02/25/2017
PYT546000033	PYTHON II	PYT315004668	BEE 113001606	263407	204532	02/24/2016	24 MONTHS	02/24/2018
PYT546001907	PYTHON	PYT315008028	PYT315008029	55522	51534	02/24/2016	24 MONTHS	02/24/2018
PYT546003677	PYTHON II	PYT315011063	PYT315017411	298415	314654	02/25/2015	24 MONTHS	02/25/2017
PYT546007251	PYTHON	PYT315017405	PYT315017404	413690	413542	02/24/2016	24 MONTHS	02/24/2018
PYT546007252	PYTHON	PYT315017407	PYT315017406	413618	413531	06/24/2015	24 MONTHS	06/24/2017
PYT546007253	PYTHON	PYT315017408	PYT315017409	44010	854609	02/24/2016	24 MONTHS	02/24/2018
PYT546007255	PYTHON	PYT315017412	PYT315017413	413620	413543	06/24/2015	24 MONTHS	06/24/2017
PYT546007256	PYTHON	PYT135017415	PYT135017414	413615	413528	02/24/2016	24 MONTHS	02/24/2018
PYT846003010	PYTHON III	PYT831003433	PYT855003837	969246	969129	04/14/2016	24 MONTHS	04/14/2018
PYT846003011	PYTHON III	PYT855003888	PYT831003434	276713	276256	02/25/2015	24 MONTHS	02/25/2017
PYT846003458	PYTHON III	PYT831004079	PYT855004541	077805	077831	02/24/2016	24 MONTHS	02/24/2018
PYT846003459	PYTHON III	PYT361004080	PYT855004542	077808	077822	09/17/2014	24 MONTHS	09/17/2016
PYT846003460	PYTHON III	PYT831004081	N/A	N/A	N/A	02/24/2016	24 MONTHS	02/24/2018
PYT846005439	PYTHON II	PYT831008125	PYT831008126	490653	490701	05/13/2015	24 MONTHS	05/13/2017
PYT846005440	PYTHON II	PYT831008127	PYT831008128	490725	490680	05/13/2015	24 MONTHS	05/13/2017
PYT846005441	PYTHON II	PYT831008131	PYT831008132	490706	490714	05/13/2015	24 MONTHS	05/13/2017
PYT846005442	PYTHON II	PYT831008129	PYT831008130	490733	490715	05/13/2015	24 MONTHS	05/13/2017
PYT846005443	PYTHON II	PYT831008133	PYT831008134	490711	490742	05/13/2015	24 MONTHS	05/13/2017

**State of Washington
County of King**

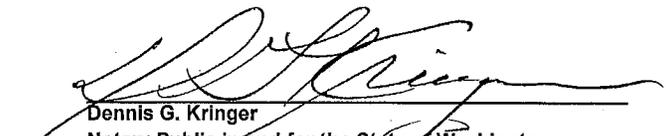
Signed or attested before me on

7/13/16

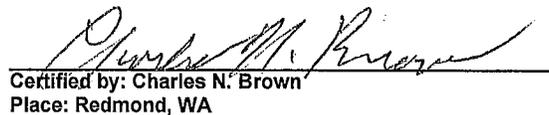
by Charles N. Brown

I have satisfactory evidence that the person described in this document:

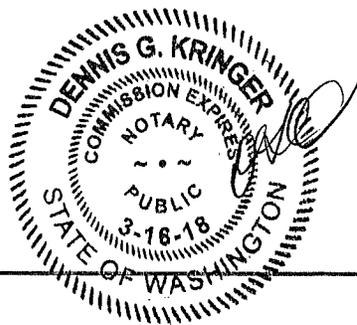
- (a) is personally known to me; OR (b) is identified upon oath or affirmation of credible witness personally know to me; OR
- (c) is identified on the basis of identification documents.



Dennis G. Kringer
Notary Public in and for the State of Washington,
Residing in Bellevue, WA
My appointment expires March 16, 2018



Certified by: Charles N. Brown
Place: Redmond, WA

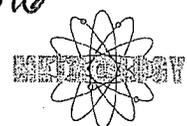




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MAR 22 2016

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PL19264	PRO LASER III	N/A	N/A	N/A	N/A	06/18/2014	12 MONTHS	06/18/2015
PL19660	PRO LASER III	N/A	N/A	N/A	N/A	02/25/2015	12 MONTHS	02/25/2016
PL19662	PRO LASER III	N/A	N/A	N/A	N/A	03/06/2014	12 MONTHS	03/06/2015
PL21056	PRO LASER III	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017
PL31986	PRO LASER III	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017
PL31987	PRO LASER III	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017
PL31990	PRO LASER III	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017

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TJ000813	LTI 20-20 TRUSPEE	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017

LTI Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
105797/TJ000195	LTI 20/20 TRU SPEE	N/A	N/A	N/A	N/A	02/24/2016	12 MONTHS	02/24/2017

This agency, LAKEWOOD POLICE DEPARTMENT currently utilizes the following Doppler SMD(s):

APPLIED CONCEPTS Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
DC099952	STALKER DUAL SL	KA073616	KA073625	168766	268481	06/24/2015	24 MONTHS	06/24/2017
DC110304	STALKER DUAL SL	KC076547	KC076551	FA212570	FB315146	06/24/2015	24 MONTHS	06/24/2017
DC110305	STALKER DUAL SL	KC076550	KC076563	FA212572	FB315145	06/24/2015	24 MONTHS	06/24/2017
DP013353	STALKER DSR 2X	KC0039069	KR013231	182916	282408	02/24/2016	24 MONTHS	02/24/2018
DP14191	STALKER DSR 2X	KC042327	KR014273	185376	286536	02/24/2016	24 MONTHS	02/24/2018
DP14215	STALKER DSR 2X	KR014265	KC042312	185380	286539	02/24/2016	24 MONTHS	02/24/2018
DP14218	STALKER DSR 2X	KR014335	KC042330	185379	286540	06/24/2015	24 MONTHS	06/24/2017
DP14228	STALKER DSR 2X	KR014333	KC042254	185378	286538	03/08/2016	24 MONTHS	03/08/2018

APPLIED CONCEPTS INC. Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
DP14222	STALKER DSR 2X	KC042309	KR014266	185377	286537	03/08/2016	24 MONTHS	03/08/2018

This agency, LAKEWOOD POLICE DEPARTMENT currently utilizes the following Doppler SMD(s):

DEGATUR Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
GHD-04683	GENESIS HANDHELI	HANDHELD	N/A	156143	156034	06/24/2015	24 MONTHS	06/24/2017
GHD-04731	GENESIS HANDHELI	HANDHELD	N/A	156162	N/A	06/18/2014	24 MONTHS	06/18/2016
GHD-04754	GENESIS HANDHELI	HANDHELD	N/A	155997	N/A	06/24/2015	24 MONTHS	06/24/2017
GHD-04811	GENESIS HANDHELI	HANDHELD	N/A	156087	156047	02/24/2016	24 MONTHS	02/24/2018
GHD-04824	GENESIS HANDHELI	HANDHELD	N/A	156123	170699	02/24/2016	24 MONTHS	02/24/2018
GHD-04826	GENESIS HANDHELI	HANDHELD	N/A	55528	51531	02/24/2016	24 MONTHS	02/24/2018
GHD-04828	GENESIS HANDHELI	HANDHELD	N/A	6728	N/A	06/24/2015	24 MONTHS	06/24/2017
GHD-04831	GENESIS HANDHELI	HANDHELD	N/A	156072	156002	06/24/2015	24 MONTHS	06/24/2017
GHD-04864	GENESIS HANDHELI	HANDHELD	N/A	156111	155998	07/08/2014	24 MONTHS	07/08/2016
GHD-04866	GENESIS HANDHELI	HANDHELD	N/A	156142	156062	06/24/2015	24 MONTHS	06/24/2017
GHD-04890	GENESIS HANDHELI	HANDHELD	N/A	47291	N/A	02/24/2016	24 MONTHS	02/24/2018
GHD-04897	GENESIS HANDHELI	HANDHELD	N/A	156170	156031	02/25/2015	24 MONTHS	02/25/2017

MPH INDUSTRIES Manufacturer's the following SMD(s)

ID/Serial Number	Model Number	Antenna 1 S/N	Antenna 2 S/N	T.F. 1 S/N	T.F. 2 S/N	Cal. Date	Cal. Interval	Due Date
5240	VINDICATOR	HANDHELD	N/A	298388	N/A	06/24/2015	24 MONTHS	06/24/2017
5245	VINDICATOR	N/A	N/A	6887	N/A	03/06/2014	24 MONTHS	03/06/2016
5246	VINDICATOR	HANDHELD	N/A	6886	N/A	06/24/2015	24 MONTHS	06/24/2017
664008614	BEE III	BEN653021584	BEN653021585	392233	392408	03/03/2015	24 MONTHS	03/03/2017
664008616	BEE III	BEN653021589	BEN653021588	392248	392252	02/25/2015	24 MONTHS	02/25/2017
930002311	BEE III	BEN65303004	BEN65303005	298523	298529	12/22/2014	24 MONTHS	12/22/2016
930002313	BEE III	BEN653013004	BEN653013005	965581	965546	02/24/2016	24 MONTHS	02/24/2018
930002314	BEE III	BEN653013011	BEN653013010	965583	965516	06/24/2015	24 MONTHS	06/24/2017
930002315	BEE III	BEN653013012	BEN653013013	965523	965532	06/24/2015	24 MONTHS	06/24/2017
BEE109002087	BEE 36	BEE113001613	BEE113000605	392245	392393	03/06/2014	24 MONTHS	03/06/2016
BEE664000372	BEE III	BEN653000920	BEN653000919	298611	298681	02/24/2016	24 MONTHS	02/24/2018
BEE664008617	BEE 36	BEE113001613	BEE113000605	392245	392393	02/24/2016	24 MONTHS	02/24/2018
BEE665000388	BEE	BEN653000917	BEN653000918	747779	749718	02/25/2015	24 MONTHS	02/25/2017
BEE706000288	BEE III	BEN653000920	BEN653000919	965568	965513	02/24/2016	24 MONTHS	02/24/2018
HHM556000951/DP	SPEED GUN	HANDHELD	N/A	966359	070908	07/27/2015	24 MONTHS	07/27/2017
HHM556000952	SPEED GUN	HANDHELD	N/A	964957	854604	06/18/2014	24 MONTHS	06/18/2016
HHS568000846	Z-15	HANDHELD	N/A	298375	N/A	02/25/2015	24 MONTHS	02/25/2017
HHS568000847	Z-15	HANDHELD	N/A	070704	N/A	02/25/2015	24 MONTHS	02/25/2017
PYT546000033	PYTHON II	PYT315004668	BEE 113001606	263407	204532	02/24/2016	24 MONTHS	02/24/2018
PYT546001907	PYTHON	PYT315008028	PYT315008029	55522	51534	02/24/2016	24 MONTHS	02/24/2018
PYT546003677	PYTHON II	PYT315011063	PYT315017411	298415	314654	02/25/2015	24 MONTHS	02/25/2017
PYT546007249	PYTHON	PYT315017400	PYT315017401	413687	413546	06/18/2014	24 MONTHS	06/18/2016
PYT546007251	PYTHON	PYT315017405	PYT315017404	413690	413542	02/24/2016	24 MONTHS	02/24/2018
PYT546007252	PYTHON	PYT315017407	PYT315017406	413618	413531	06/24/2015	24 MONTHS	06/24/2017
PYT546007253	PYTHON	PYT315017408	PYT315017409	44010	854609	02/24/2016	24 MONTHS	02/24/2018
PYT546007255	PYTHON	PYT315017412	PYT315017413	413620	413543	06/24/2015	24 MONTHS	06/24/2017
PYT546007256	PYTHON	PYT315017415	PYT315017414	413615	413528	02/24/2016	24 MONTHS	02/24/2018
PYT846003011	PYTHON III	PYT855003888	PYT831003434	276713	276256	02/25/2015	24 MONTHS	02/25/2017
PYT846003458	PYTHON III	PYT831004079	PYT855004541	077805	077831	02/24/2016	24 MONTHS	02/24/2018
PYT846003459	PYTHON III	PYT831004080	PYT855004542	077808	077822	09/17/2014	24 MONTHS	09/17/2016
PYT846003460	PYTHON III	PYT831004081	N/A	N/A	N/A	02/24/2016	24 MONTHS	02/24/2018
PYT846003644	PYTHON III	PYT831004153	PYT855004836	077880	077834	03/06/2014	24 MONTHS	03/06/2016
PYT846005439	PYTHON II	PYT831008125	PYT831008126	490653	490701	05/13/2015	24 MONTHS	05/13/2017
PYT846005440	PYTHON II	PYT831008127	PYT831008128	490725	490680	05/13/2015	24 MONTHS	05/13/2017
PYT846005441	PYTHON II	PYT831008131	PYT831008132	490706	490714	05/13/2015	24 MONTHS	05/13/2017
PYT846005442	PYTHON II	PYT831008129	PYT831008130	490733	490715	05/13/2015	24 MONTHS	05/13/2017
PYT846005443	PYTHON II	PYT831008133	PYT831008134	490711	490742	05/13/2015	24 MONTHS	05/13/2017

State of Washington

County of King

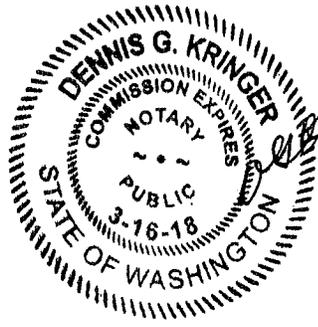
Signed or attested before me on

3/17/16

by Charles N. Brown

I have satisfactory evidence that the person described in this document:

- (a) is personally known to me; OR (b) is identified upon oath or affirmation of credible witness personally know to me; OR
- (c) is identified on the basis of Identification documents.



Dennis G. Kringer

Dennis G. Kringer

Notary Public in and for the State of Washington,
Residing in Bellevue, WA

My appointment expires March 16, 2018

Charles N. Brown

Certified by: Charles N. Brown

Place: Redmond, WA