



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS	OFFICE USE ONLY			
	OPAA-0068			

Approved Agency	City	County	State	ZIP Code
TECHNICON ENGINEERING SERVICES	FRESNO	Fresno	CA	93722

APPLICATION TYPE

☒ Combined Testing **AND** Special Inspection Agency
 ☐ Testing Agency **ONLY**
☐ Special Inspection Agency **ONLY**

APPLICANT INFORMATION

Applicant Name DARREN G. WILLIAMS		Position in the Organization President	
Agency's Local Name TECHNICON Engineering Services, Inc.		Application Date 10/29/2021	
Phone Number (559) 276-9311	E-mail DARRENW@TECHNICON.NET		
Address of Facility Location (Each facility location requires separate application.)			
Street 4539 N. BRAWLEY #108			
City FRESNO	County Fresno	State CA	Zip Code 93722
Facility Mailing Address			
Street 4539 N. Brawley #108			
City Fresno	State CA		Zip Code 93722

Key Agency Personnel

Engineering Manager - Name Darren G Williams	CA Registration Number C40007	Expiration Date 12/31/2021
Title in the Organization President, Managing Civil Engineering	Phone Number (559) 276-9311	
Alternate Phone Number	E-Mail darrenw@technicon.net	

Key Agency Personnel

Alternate Engineering Manager - Name Salvador Alvarez	CA Registration Number 83957	Expiration Date 09/30/2023
Title in the Organization Geotechnical Engineering Division Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 430-5025	E-Mail sala@technicon.net	



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Key Testing Personnel

Testing Supervisor - Name Brian Hall	CA Registration Number	Expiration Date
Title in the Organization Laboratory Operations Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 994-8541	E-Mail brianh@technicon.net	

Key Testing Personnel

Field Testing Supervisor - Name Heathers Ragsdale	CA Registration Number	Expiration Date
Title in the Organization Materials Testing Division Operations Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 994-8244	E-Mail heatherr@technicon.net	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Brad Bosworth	CA Registration Number	Expiration Date
Title in the Organization Materials Inspection Division Operations Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 351-9433	E-Mail bradb@technicon.net	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Sean Marjala	CA Registration Number	Expiration Date
Title in the Organization Materials Inspections Division Field Supervisor	Phone Number (559) 276-9311	
Alternate Phone Number (559) 317-9341	E-Mail seanm@technicon.net	



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ACCREDITATION AND QUALIFICATIONS

Agency currently holds accreditation by: *(Attach a copy of current accreditation details.)*

- | | |
|--|--|
| <input checked="" type="checkbox"/> AASHTO Accreditation Program (AAP) | <input type="checkbox"/> National Voluntary Laboratory Accreditation Program (NVLAP) |
| <input type="checkbox"/> International Accreditation Service (IAS) | <input type="checkbox"/> American Association of Laboratories Program (A2LA) |
| <input type="checkbox"/> Laboratory Accreditation Program (LAB) | <input type="checkbox"/> Construction Materials Engineering Council (CMEC) |
| <input type="checkbox"/> ANSI-ASQ National Accreditation Board | <input checked="" type="checkbox"/> Other <u>AMRL, CCRL, Caltrans, Dept of Army Corps of</u> |

Latest Expiration Date *(if any)* _____

Is this Agency accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA?

☐ No ☒ Yes Expiration Date 05/29/2024 LEA Ext. Exp. _____ LEA # 051

Basis for accreditation *(Check all that apply):*

- ☒ AASHTO R18: Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories
- ☒ ASTM E 329: Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction
- ☒ ASTM C 1077: Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
- ☒ ASTM D 3666: Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials
- ☒ ASTM C 1093: Practice for Accreditation of Testing Agencies for Unit Masonry

Basis for Test Technician/Special Inspector Qualification *(Check all that apply):*

- ☒ DSA-LEA approval as test Technician/special inspector
- ☒ Welding inspectors satisfying the requirements of the CBC 2019 Section 1705A.2.5



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APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED

By checking "yes" in Tables 1 through 6 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated testing. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

1	SOILS AND FOUNDATIONS		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM D 1140	No. 200 Wash	ASTM D 1557	Soil Compaction – Modified
ASTM D 2216	Water Content of Soil	ASTM D 2419	Sand Equivalent Value
ASTM D 3080	Direct Shear	ASTM D 422	Particle Size Analysis
ASTM D 4318	Liquid Limit Plastic Limit	ASTM D 4829	Expansion Index
ASTM D 6938	Density of Soils – Nuclear Gage		
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure

2	CONCRETE		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1064	Temperature	ASTM C 117	No. 200 Wash
ASTM C 1231	Unbonded Caps	ASTM C 127	Specific Gravity - Coarse
ASTM C 128	Specific Gravity - Fine	ASTM C 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 143	Slump
ASTM C 157	Length Change	ASTM C 173	Air Content (V)
ASTM C 192	Making I Curing Specimens - Lab	ASTM C 231	Air Content (P)
ASTM C 29	Unit Weight I Voids	ASTM C 31	Concrete Sampling - Field
ASTM C 39	Compressive Strength	ASTM C 40	Organic Impurities
ASTM C 42	Concrete Core	ASTM C 496	Splitting Tensile
ASTM C 566	Moisture Content of Aggregate	ASTM C 567	Density of Lightweight Aggregate
ASTM C 617	Capping Concrete Specimens	ASTM C 702	Reducing Aggregate Samples
ASTM C 78	Flexural Strength	ASTM D 2419	Sand Equivalent Value
ASTM D 75	Sampling Aggregate		
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure

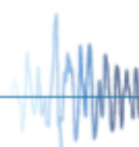


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3	MASONRY		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 1314	Compressive Strength of Masonry Prism
ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	ASTM C 39	Core Compressive Strength
ASTM C 426	Linear Drying Shrinkage	CBC 2105A	Core Shear
CBC 2105A	Mortar Sampling		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure

4	STEEL		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A 370	Tension & Bend Test	ASTM E 1444	Magnetic Particle
ASTM E 164	Ultrasonic	ASTM E 165	Liquid Penetrant
ASTM E 18	Rockwell Hardness	ASTM E 290	Bend Test
ASTM E 605	Density of SFRM	CBC 2203A	Material Identification
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure

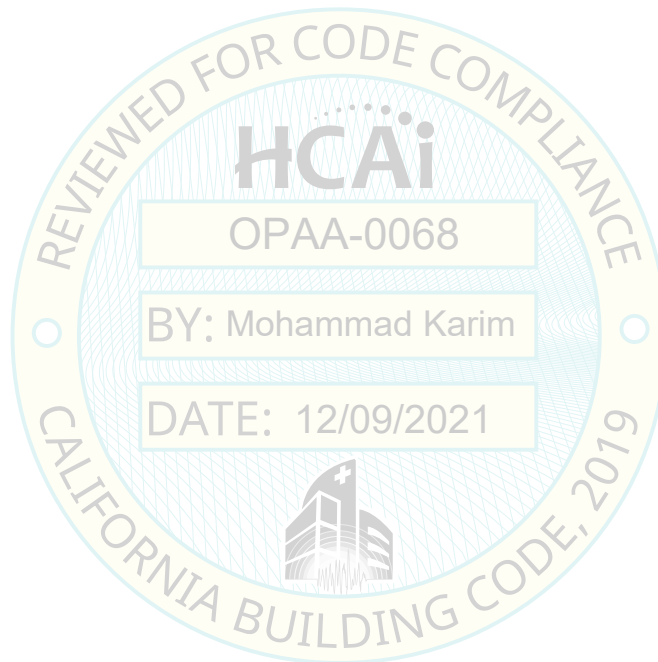
5	WOOD AND ROOF ASSEMBLIES		
Tests			
Standard	Test Procedure	Standard	Test Procedure
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure





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6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS		
Tests			
Standard	Test Procedure	Standard	Test Procedure
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Standard	Test Procedure	Standard	Test Procedure





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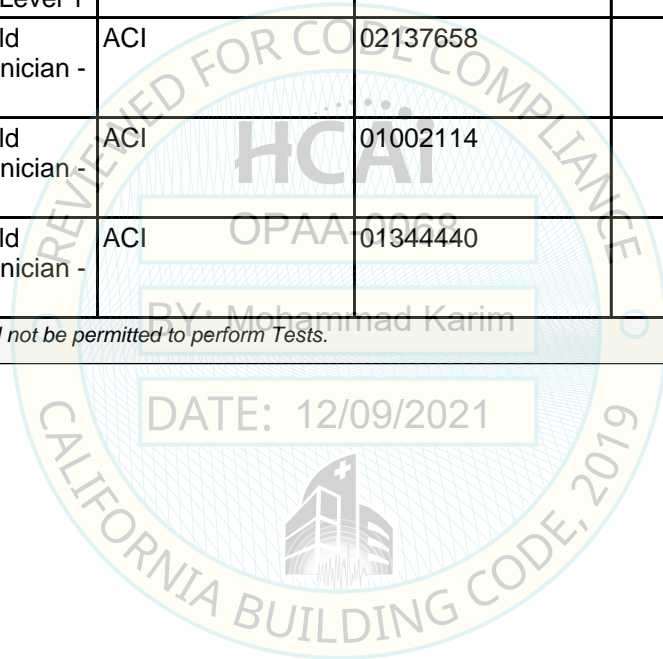
7	TEST TECHNICIANS				
Provide Following Information for Each Test Technician Employed by the Agency (Attach additional sheets if needed)					
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Earl Brewer	Concrete Field Testing Technician - Grade I	ACI	000719171	04/08/2022	Full-Time
Jonathan Cayaban	Concrete Field Testing Technician - Grade I	ACI	01122692	10/09/2025	Full-Time
Jonathan Cayaban	Concrete Strength Testing Technician	ACI	01122692	07/16/2026	Full-Time
Wilver Juan De Dios	Concrete Field Testing Technician - Grade I	ACI	01628499	07/28/2023	Full-Time
Brian Hall	Masonry Laboratory Testing Technician	ACI	00018805	09/24/2026	Full-Time
Brian Hall	Aggregate Testing Technician - Level 1	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Strength Testing Technician	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Laboratory Testing Technician - Level 1	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Field Testing Technician - Grade I	ACI	00018805	03/19/2026	Full-Time
Chris Jackson	Concrete Field Testing Technician - Grade I	ACI	00091749	09/21/2024	Full-Time
Sean Marjala	Concrete Field Testing Technician - Grade I	ACI	00039503	03/19/2026	Full-Time
Alfred Mendoza Jr.	Aggregate Testing Technician - Level 1	ACI	0138199	10/14/2022	Full-Time
Alfred Mendoza Jr.	Concrete Strength Testing Technician	ACI	0138199	12/06/2021	Full-Time
Alfred Mendoza Jr.	Concrete Laboratory Testing Technician - Level 1	ACI	0138199	10/14/2022	Full-Time
Alfred Mendoza Jr.	Concrete Field Testing Technician - Grade I	ACI	0138199	07/28/2023	Full-Time





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7	TEST TECHNICIANS				
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* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Kevin Mettler	Concrete Field Testing Technician - Grade I	ACI	01639699	03/09/2021	Full-Time
Zackary Pietro	Concrete Field Testing Technician - Grade I	ACI	01362677	03/19/2026	Full-Time
Fedora Voronov	Aggregate Testing Technician - Level 1	ACI	02137658	10/22/2026	Full-Time
Fedora Voronov	Concrete Field Testing Technician - Grade I	ACI	02137658	10/23/2026	Full-Time
Darren Williams	Concrete Field Testing Technician - Grade I	ACI	01002114	10/09/2025	Full-Time
Sarkis Yeramian	Concrete Field Testing Technician - Grade I	ACI	01344440	03/17/2025	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					





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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED

By checking "yes" in Tables 8 through 12 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated special inspections. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Driven Deep Foundations
CBC 1705/1705A	Soils (Excavations and Fills)		
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection

9	CONCRETE		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Post-Installed Anchors	CBC 1705/1705A & ACI 318	Pre-Stressed Concrete
CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete	CBC 1705/1705A & AWS D1.4	Rebar Welding
CBC 1705/1705A and ASTM C94	Batch Plant		
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection

10	MASONRY		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A & AWS D1.4	Rebar Welding	CBC 1705/1705A & TMS 602	Masonry Placement
Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection



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11	STEEL		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts
CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding		
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
12	WOOD AND ROOF ASSEMBLIES		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
13	NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection



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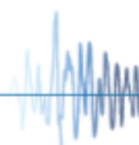
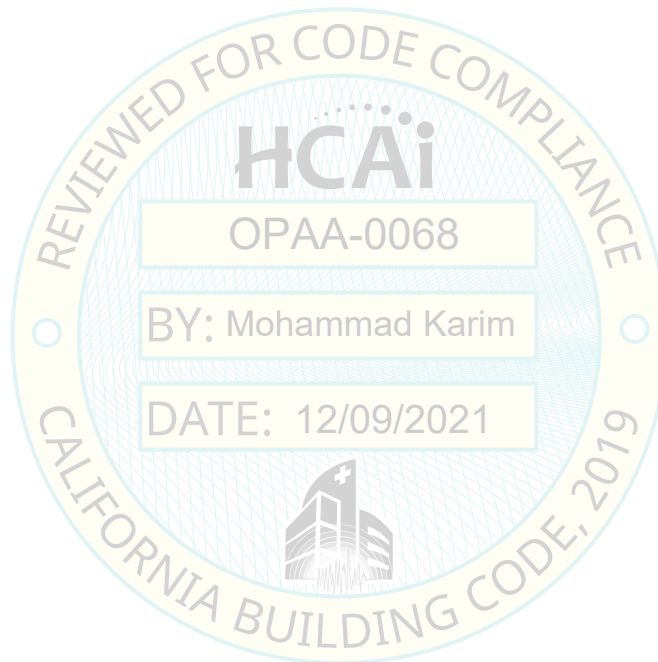
14	SPECIAL INSPECTORS				
Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)					
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Brad Bosworth	Certified Welding Inspector	AWS	92030091	03/01/2022	Full-Time
John DeAmaral	Certified Masonry Special Inspector	DSA	5646	04/01/2023	Full-Time
John DeAmaral	Reinforced Concrete Special Inspector	ICC	1113572	05/17/2024	Full-Time
John DeAmaral	Spray Applied Fire Proofing Special Inspector	ICC	1113572	05/17/2024	Full-Time
John DeAmaral	Structural Masonry Special Inspector	ICC	1113572	05/17/2024	Full-Time
John DeAmaral	Prestressed Concrete Special Inspector	ICC	1113572	05/17/2024	Full-Time
Sean Marjala	Reinforced Concrete Special Inspector	ICC	5071602	09/01/2023	Full-Time
Justin Page	Reinforced Concrete Special Inspector	ICC	8718880	02/21/2023	Full-Time
Justin Page	Structural Masonry Special Inspector	ICC	8718880	01/31/2022	Full-Time
Justin Page	Spray Applied Fire Proofing Special Inspector	ICC	8718880	03/06/2023	Full-Time
Zack Pietro	Prestressed Concrete Special Inspector	ICC	9533356	08/11/2024	Full-Time
Zack Pietro	Reinforced Concrete Special Inspector	ICC	9533356	08/11/2024	Full-Time
Darren Williams	Concrete	ACI	01002114	10/09/2025	Full-Time
Darren Williams	Prestressed Concrete Special Inspector	ICC	831780	05/03/2022	Full-Time
Darren Williams	Structural Steel and Welding Special Inspector	ICC	831780	06/01/2024	Full-Time
Darren Williams	Structural Masonry Special Inspector	ICC	831780	05/03/2022	Full-Time
Darren Williams	Reinforced Concrete Special Inspector	ICC	831780	05/03/2022	Full-Time





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14	SPECIAL INSPECTORS				
Provide Following Information for Each Special Inspector Employed by the Agency <i>(Attach additional sheets if needed)</i>					
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Barry Wilson	Structural Steel and Bolting Special Inspector	ICC	8208139	06/03/2023	Full-Time
Barry Wilson	Certified Welding Inspector	AWS	86040101	04/01/2022	Full-Time
<i>Special Inspectors with expired license shall not be permitted to perform Tests.</i>					





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15	SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES	
Structural Tests & Special Inspections (Check all that apply)		
Structural Tests		Structural Special Inspections
Aggregate		Batch Plant
Concrete		Deep Foundations
Deep Foundations		Earthwork
High-Strength Bolts and other Fasteners		High-Strength Bolts and other Fasteners
Masonry		Masonry
Non-Destructive Testing (NDT)		Post-Installed Anchors
Post-Installed Anchors		Pre-Cast Concrete
Reinforcing Steel		Pre-Stressed Concrete
Shotcrete		Reinforced Concrete
Soil		Spray Applied Fireproofing
Steel		Steel Welding
Tests and Special Inspections that are in the Agency's scope but are not listed above should be provided in the space(s) below.		
HCAI Approval		
BY: <u>Mohammad Karim</u> (For Office Use Only)		
Print Name:	<u>Mohammad Karim</u>	Approval Date: <u>12/09/2021</u>
Title:	<u>Supervisor, Health Facilities Review</u>	Approval Expiration Date: <u>05/29/2024</u>
Condition of approval (if applicable):		