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| **APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)** | **OFFICE USE ONLY** |
| **APPLICATION #:**  | **OSP –**  |
|  |
| **OSHPD Special Seismic Certification Preapproval (OSP)**  |
|  |
| **Type:** | [ ]  New | [ ]  Renewal |  |
|  |
| **Manufacturer Information** |
|  |  |
| Manufacturer: |  |
|  |
| Manufacturer’s Technical Representative: |  |
|  |
| Mailing Address: |  |
|  |
| Telephone: |  | Email: |  |
|  |
| **Product Information** |
|  |
| Product Name: |  |
|  |
| Product Type: |  |
|  |
| Product Model Number: |   |
| (List all unique product identification numbers and/or part numbers) |
| General Description: |  |
|  |  |
| Mounting Description: |  |
|  |  |
|  |
| **Applicant Information** |
|  |
| Applicant Company Name: |  |
|  |
| Contact Person: |  |
|  |
| Mailing Address: |  |
|  |
| Telephone: |  | Email: |  |
| I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016. |
| Signature of Applicant: |  | Date: |  |
| Title: |  | Company Name: |  |

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| **California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)** |
|  |
| Company Name:  |  |
|  |
| Name: |  | California License Number: |  |
|  |
| Mailing Address: |  |
|  |
| Telephone: |  | Email: |  |
|  |
| **Supports and Attachments Preapproval** |
|  |
| [ ]  | Supports and attachments are preapproved under OPM- |  |
|  | (Separate application for OSHPD Preapproval of Manufacturer’s Certification (OPM) of Supports and attachments is required) |
|  |
| [ ]  | Supports and attachments are not preapproved |
|  |
| **Certification Method**  |
|  |
| [ ]  | Testing in accordance with: | [ ]  | ICC-ES AC156 |
|  |
| [ ]  | Other (Please Specify): |  |
|  |  |
|  |  |
|  |
| **Testing Laboratory**  |
|  |
| Company Name: |  |
|  |
| Contact Name: |  |
|  |
| Mailing Address: |  |
|  |
| Telephone: |  | Email: |  |
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| **Seismic Parameters** |
|  |
| Design in accordance with ASCE 7-10 Chapter 13: | [ ]  Yes | [ ]  No |
|  |
| Design Basis of Equipment or Components (Fp/Wp) = |  |
|  |  |  |
|  | SDS (Design spectral response acceleration at short period, g) = |  |
|  |  |
|  | ap (In-structure equipment or component amplification factor) = |  |
|  |  |
|  | Rp (Equipment or component response modification factor) = |  |
|  |  |
|  | Ω0 (System overstrength factor) = |  |
|  |  |
|  | Ip (Importance factor) = 1.5 |
|  |  |
|  | z/h (Height factor ratio) =  |  |
|  |  |
|  | Equipment or Component Natural Frequencies (Hz) =  |   |
|  |  |
|  | Overall dimensions and weight (or range thereof) =  |  |
|  |
|  |
| Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15:  | [ ]  Yes | [ ]  No |
|  |
| Design Basis of Equipment or Components (V/W) =  |  |
|  |  |
|  | SDS (Design spectral response acceleration at short period, g) =  |  |
|  |  |
|  | SD1 (Design spectral response acceleration at 1 second period, g) =  |  |
|  |  |
|  | R (Response modification coefficient) = |   |
|  |  |
|  | Ω0 (System overstrength factor) = |   |
|  |  |
|  | Cd (Deflection amplification factor) =  |   |
|  |  |
|  | Ip (Importance factor) =  | 1.5 |
|  |  |
|  | Height to Center of Gravity above base =  |  |
|  |  |
|  | Equipment or Component Natural Frequencies (Hz) =  |   |
|  |  |
|  | Overall dimensions and weight (or range thereof) =  |  |
|  |  |
| Tank(s) designed in accordance with ASME BPVC, 2015:  | [ ]  Yes  | [ ]  No |
|  |
| **List of Attachments Supporting Special Seismic Certification** |
|  |
| [ ]  | Test Report(s) | [ ]  | Drawings | [ ]  | Calculations | [ ]  | Manufacturer’s Catalog |
|  |
| [ ]  | Other(s) (Please Specify): |  |
|  |
| **OSHPD Approval** (For Office Use Only) – **Approval Expires on December 31, 2022** |
|  |
| Signature:  |   | Date: |  |
|  |
| Print Name:  |  | Title:  |  |
|  |
| Special Seismic Certification Valid Up to:  | SDS (g) =  |   | z/h =  |   |
|  |
| Condition of Approval (if applicable):  |  |
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**INSTRUCTIONS FOR APPLICANT**

(OSH-FD-759)

This form is required for all OSHPD Special Seismic Certification Preapproval (OSP) application submittals.

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| **OSHPD Special Seismic Certification Preapproval (OSP)** |

* The selected box indicates the type of application for submittal.

|  |
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| **Manufacturer Information** |

* Enter the Manufacturer’s identification and contact information.

|  |
| --- |
| **Product Information** |

* Enter the product identification information and product description.
* For product model number(s), list all unique product identification numbers and/or part numbers.

|  |
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| **Applicant Information** |

* Enter the contact information for the applicant and company legally responsible for review fees.

Note: Copies of correspondence will be sent to the Manufacturer’s Technical Representative and Applicant.

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| **California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)** |

* Enter contact information for the California Licensed Structural Engineer for the engineering recommendation and test report(s) review & acceptance.

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| **Supports and Attachments Preapproval** |

* Enter related OSHPD Preapproval of Manufacturer’s Certification (OPM) information, if any.

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| **Certification Method** |

* OSP’s are based on tests in accordance with the ICC-ES AC 156. Historical test data that are not based on the ICC-ES AC 156 may be accepted when equivalence to the ICC-ES AC 156 requirements are established.

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| **List of Attachments Supporting Special Seismic Certification** |

* List all attachments supporting the Special Seismic Certification.
* Attachments shall be separated into two groups and submitted electronically (by e-mail or equivalent).
	+ Group-1: Attachments that will be posted at OSHPD website:
		- List of equipment/components that shall be certified:
			* Identification numbers (model numbers or part numbers).
			* Size ranges (length, width, and height ranges).
			* Weight ranges.
			* SDS, if there is more than one SDS for approval.
			* z/h, if there is more than one z/h for approval.
			* List of major sub-assemblies and sub-components to be certified, when required by ICC-ES AC 156 Section 5.2.2.1.
		- Description of Unit Under Test (UUT) in accordance with ICC-ES AC 156 (for information only):
			* Detailed description of UUT including UUT configuration, listing of major sub-assemblies and sub-components, and any other applicable product differentiation.
			* Description of mounting method and configuration, including fastenings as applicable.
			* Photograph of the component set-up on the shake table.
			* Shake table test seismic parameters.
			* Resonance frequencies in each of the three directions.
			* Statement to verify that units were full of content during tests, if applicable.
			* Statement to verify that the units maintained structural integrity and functionality, after the ICC-ES AC 156 test.

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| **List of Attachments Supporting Special Seismic Certification – Continued**  |

* + - Group-2: Attachments that are required for review but will not be posted at OSHPD website:
			* Application fee.
			* Test report(s).
			* Verification of similarities for interpolated units in the form of manufacturer’s catalog and/or schematic cut sheets.
			* Where a listing of major sub-assemblies and sub-components are not required by ICC-ES AC 156 Section 5.2.2.1 or identification numbers are used as proxy for materials, a certification by the manufacturer that explicitly addresses all four items listed below shall be included:
1. Part numbers for the unit or system uniquely identify the configuration, manufacturers, and materials of the sub-components within the unit or system (The part number uniquely identifies the unit or system).
2. Sub-component manufacturers and materials within the two tested units used for interpolation are the same\*.
3. Sub-component manufacturers and materials within the interpolated units are the same\* as the two tested units used for interpolation.
4. Configuration of the interpolated units is similar to the two tested units used for interpolation.

\*Two materials are considered the “same” when they have same ASTM standard (or equivalent), material, and grade that define their mechanical properties within a given range. For example, if the two sub-components are built using carbon steel ASTM A36 material they are considered to be constructed of the “same” material.

**Submit all documents for review electronically to:** **OSP@OSHPD.CA.GOV**

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