

California Building Standards Code, 2022 (CBSC 2022)			
HCAI Preapproval of Manufacturer's Certification (OPM) Triage Check List			
OPM-0XXX			
Resolution			Requirement(s)
Yes	No	N/A	
			OPM Submittal Requirements (for non-distribution system OPMs)
			Manufacturer's certified outline drawings with required information provided for equipment OPM
			Supporting documents substantially complete
			For Renewal: Submitted a detailed description of change from the existing approval
			OPM Technical Requirements
			Scope
			OPM is within the scope of OPM program & is NOT a product/component approval
			OPM is based on the CBC 2022 and it's reference standards ONLY
			Scope covers entire component supports (Those members, assemblies of members, or manufactured elements, and associated fasteners that transmit loads between nonstructural components and their attachments to the structure. Support includes structural members between components and attachments, braces, frames, skirts, legs, saddles, pedestals, cables, guys, stays, snubbers, hangers, struts, and tethers, as well as elements forged or cast as a part of the mechanical or electrical component and associated fasteners that transmit loads between nonstructural components and their attachments to the structure, etc.) & attachments (Means by which nonstructural components or supports of nonstructural components are secured or connected to the seismic force-resisting system of the structure. Such attachments include anchor bolts, welded connections, and mechanical fasteners.) as required by ASCE 7-16
			OPM is for indoor components only, where design is controlled by seismic forces. Components that are subject to significant non-seismic forces such as gravity (where seismic force is primarily vertical seismic force produced by self-weight of the components supported), wind, flood, snow, soil or water pressure, thermal loads, etc. are outside the scope of the OPM program.
			Drawings
			Construction documents (OPM) for approval are separated from the supporting calculations, test reports, certified drawings, etc.
			Drawings show scope of approval in dark color and components shown for reference in light colors
			Supports and attachments to be approved are shown in sufficient details on the drawings
			Equipment name (with manufacturer, make, model, etc.) is shown in Title Block of each drawing
			Responsibilities of the SEOR are listed on the drawings
			Maximum weight, range of sizes, and Center of Gravity (CG) locations are shown on the drawings
			Minimum material strength and substrate requirements are shown on the drawings
			Maximum S_{DS} & z/h , a_p , R_p , and Ω_0 , (also, where applicable, allowable displacement) are shown on the drawings
			Minimum edge distance and spacing for attachments are shown on the drawings
			First general note on the drawing reads, "This HCAI Preapproval of Manufacturer's Certification (OPM) is based on the CBC 2022. The demand (design forces) for use with this OPM shall be based on the CBC 22."
			Drawings are signed by the Registered Design Professional (RDP)
			Calculations
			Calculations satisfy the CBC 2022 Section 1603A.3
			Added "NOT approved by HCAI" watermark on each page of calculations
			Calculations are based on the CBC 2022 and it's reference standards ONLY
			Maximum S_{DS} & z/h , a_p , R_p , and Ω_0 , are in accordance with CBSC 2022/ASCE 7-16
			Displacement considered where component supports and attachments are affected by drift
			Test Reports
			Tests are based on testing criteria adopted in the CBSC 2022 or approved equivalent.
			Test performed by an ISO 17025 (or equivalent) accredited laboratory or under the responsible charge of an independent California licensed engineer
			Test report is reviewed and accepted by an independent California licensed engineer
Notes:			
1) Any " No " answer in the resolution column shall be cause for rejection at triage			
2) For Distribution System OPMs, please contact OPM@HCAI.CA.GOV			
3) HCAI/OSHPD recommends that Manufacturers focus their renewal efforts to the CBC 2025/ASCE 7-22 (in-lieu of renew OPMs for the CBC 2022)			