PROPOSED RULE MAKING



CR-102 (July 2022) (Implements RCW 34.05.320)

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DATE: May 02, 2023

TIME: 8:37 PM

WSR 23-10-083

Agency: Department of	of Labor & In	dustries (L&I)		
□ Original Notice □				
□ Supplemental Notice	ce to WSR			
☐ Continuance of WS	SR			
	ment of Inq	uiry was filed as WSR 21-2	21-088	; or
\square Expedited Rule Ma	kingPropo	osed notice was filed as W	SR	; or
☐ Proposal is exemp	t under RC	W 34.05.310(4) or 34.05.33	0(1); oı	•
☐ Proposal is exemp				
	Safety Regu			roposed amendments to the elevator rules under Dumbwaiters, Escalators And Other Conveyances,
Hearing location(s):				
Date:	Time:	Location: (be specific)		Comment:
June 7, 2023	9:00 a.m.	Virtual and telephonic hear	ing	The virtual/telephonic hearing starts at 9:00 a.m. and will continue until all oral comments are received.
		Join electronically:		
		https://lni-wa- gov.zoom.us/j/8847202784	12pwd	
		=dHV5VDRhTVJVendNaE		
		ZGcVJYZz09		
		Passcode: 1Nh+8S+Y		
	OR			
Join by phone (audio only):		y):		
		1-253-215-8782 Meeting ID: 884 7202 7841		
Passcode: 57042695				
June 13, 2023 9:00 a.m. L&I Tukwila Office 12806 Gateway Dr S Tukwila, WA 98168			The in-person hearing starts at 9:00 a.m. and will continue until all oral comments are received.	
			continue until all oral comments are received.	
Date of intended adop	otion: Augu	st 1, 2023 (Note: This is NC	T the	effective date)
Submit written comm	ents to:		Assist	ance for persons with disabilities:
Name: Alicia Curry			Contact Alicia Curry	
			Phone	: 360-902-6244
Field Services & Public Safety PO Box 44400				
Olympia, WA 98504-44	100			
			Fax: 360-902-6134	
Fax: 360-902-6134			TTY:	
Other:			Email:	Alicia.Curry@Lni.wa.gov
By (date) <u>5 p.m. on June 13, 2023</u>			Other:	
				te) May 24, 2023
Durnasa of the prope	cal and ita	anticipated offects includi	na an	changes in existing rules. The purpose of this

Purpose of the proposal and its anticipated effects, including any changes in existing rules: The purpose of this rulemaking is to propose amendments to the elevator rules under chapter 296-96 WAC. The Elevator Program reviewed the existing rules and new safety codes from the 2019 edition of the American Society of Mechanic Engineers (ASME)

A17.1/CSA B44 - 2019, Safety Code for Elevators and Escalators, and other related codes. The review process included an opportunity for elevator stakeholders to participate in the review of the existing rules, submit proposals for amendments, and provide recommendations to L&I on proposals. A Technical Advisory Committee (TAC), consisting of multiple industry representatives, and the Elevator Safety Advisory Board (ESAC) reviewed the proposals and provided advice to L&I on adoption of the rules.

This rulemaking proposes amendments to adopt new safety codes, along with updates, clarification, housekeeping, and other amendments recommended by stakeholders, TAC, ESAC, and L&I to improve public safety.

Proposed rules to this chapter are as follows:

New Sections

WAC 296-96-00905, Primary point of contact.

 Adds a new section to establish the duties and responsibilities of an elevator Primary Point of Contact for accountability and uniformity with the Elevator Program's existing practices.

WAC 296-96-02487, State requirements for sprinklers and shunt trips for hydraulic elevators in buildings.

• Adds a new section to clarify that buildings equipped with sprinklers must have them in hydraulic elevator equipment areas for uniformity with the national consensus codes.

WAC 296-96-02610, Private residence platform lifts.

 Adds a new section that allows a cord and plug to be used as an additional disconnecting means for private residence platform lifts and the requirements for implementing this option.

WAC 296-96-02705, Location of speed governor.

Adds a new section to clarify the existing code requirements for allowing manufacturers to install a governor
overspeed in locations where they can be more easily serviced.

WAC 296-96-02710, Residential governor ropes.

 Adds a new section to allow belts and other means to be used for a governor rope under certain conditions to improve public safety.

WAC 296-96-02715, Disconnecting means, hoistwayless elevators.

Adds a new section that requires hoistwayless elevators to have the same standards as hoistway elevators for an
auxiliary disconnect to improve safety. The amendments require an additional location for the disconnecting means
to allow for safely disconnecting the power without having to get into the elevator.

WAC 296-96-02720, Two-way communications means.

Adds a new section to clarify the existing national consensus code requirements for two-way communication means
for private residence elevators. Adds new language that phone lines in conveyances must be monitored by a person
other than an answering machine or voicemail and connected to either a cellular network, VOIP, or central telephone
exchange, and adds requirements to address failure of the communication means.

WAC 296-96-23102, Roof access through horizontal hatch-type covers.

 Adds a new section that requires the replacement of wooden ladders with metal ladders in kind for existing elevators to provide for safer access to roof doors leading to elevator machine rooms.

Amended Sections

WAC 296-96-00500, Scope, purpose, and authority.

• Adds a new subsection to clarify that L&I's interpretation of RCW 70.87.200(1)(b) does not include Construction Personnel Hoists and Material Hoists covered by ANSI/ASSP A10.4 and A10.5.

WAC 296-96-00600, Application of adopted standards and rules.

- Adds a new subsection to address the need for sprinklers in buildings that have sprinkler systems to clarify the
 national consensus code requirements. The new language clarifies that when installing an elevator or during
 construction, sprinklers must be installed per the unabridged edition of NFPA 13 and 72, within ASME A17.1/CSA
 B44 national standards.
- Amends language for general housekeeping, such as, renumbering of subsections, formatting, adding verbiage for rule clarity, punctuation corrections, and combining language for simplicity, etc.

WAC 296-96-00650, Adopted standards.

- Adds new language to adopt new safety code requirements for conveyances in the state of Washington to improve public safety. This includes:
 - o ASME A17.1/CSA B44-2019, Safety Code for Elevators and Escalators;
 - ASME A18.1-2020, Safety Standards for Platform Lifts and Stairway Chair Lifts; and
 - ASME A10.5 ANSI/ASSP A10.5-2020, Safety Requirements for Material Hoists.

- Updates the installation dates in the table of national elevator codes and supplements adopted by L&I to reflect adoption of new safety codes.
- Updates the title of A10.4-2016 as the code authority has relabeled the standard.

WAC 296-96-00675, Amendments to adopted standards.

- Adds new language to clarify the amendments to ASME safety codes.
- Adds new lighting requirements of 200 lx or 19 fc in the machine room and in the truss interior for all conveyances types to improve safety.
- Adds new requirements that allow records for the grain industry to be kept remotely from the building site for uniformity with existing and accepted practices for this industry.
- Adds new requirements for annual cleaning of escalators for uniformity with the national consensus codes.
- Adds a new requirement that a record of the fire alarm initiating device testing must be kept on-site for inspection to improve safety.
- Adds new language to allow exceptions for some minor alterations from full compliance with ASME A17.3 to align
 with industry standards. A major alteration is defined as an operational controller change and all of the provisions of
 ASME A17.3 would be effective.
- Adds new language to the firefighter's emergency operation requirements to clarify that deficiencies must be reported to and corrected by elevator personnel for uniformity with the national consensus code.
- Amends existing language to clarify that periodic testing applies to all standards for additional clarification.
- Amends language for general housekeeping, such as relocating existing language throughout the rule, reformatting, reference corrections, replacing the spelling of the number with the numeral for consistency with the national standards, etc.

WAC 296-96-00700, Chapter definitions.

- Adds new definitions to define the "authority having jurisdiction (AHJ)", "conveyance work", "construction personnel hoist (CPH)", "controller"; "machine room less (MRL elevator)", "machine room", "material hoist", "vertical reciprocating conveyors (VRC)", and "WAC material lift" for terms used throughout the chapter.
- Amends the existing definition for "replacement" for clarity and uniformity with statute.
- Repeals the definition of "form, fit, and function" and "standard application material lift", as these terms are being removed throughout the chapter.
- Adds subsections to the definitions for formatting and easier referencing.

WAC 296-96-00904, License requirements for elevator contractors.

 Amends language for general housekeeping, such as formatting, correcting code references, and replacing the spelling of the number with the numeral for consistency with the national consensus codes.

WAC 296-96-00910, Elevator mechanic license categories.

- Removes "special purpose elevators" from the list of conveyances that Category 04 elevator mechanic license
 holders can perform work on, as this licensing category does not cover the education requirements needed for
 special purpose elevators.
- Adds new language that allows for elevator mechanic licensing endorsements, so elevator mechanics can attain the ability to do other work.

WAC 296-96-01000, Permits for new construction and alterations.

• Amends existing language to remove the term "form, fit, and function" throughout the rules for better uniformity with the national consensus codes.

WAC 296-96-02400, Requests for acceptance inspections.

 Adds new requirements for cancellation of acceptance inspections by Contractors and L&I inspectors to clarify expectations.

WAC 296-96-02421, Layout plans.

- Adds language for the additional information that must be submitted to L&I on plan views for new machine room less and hydraulic machine room less equipment for uniformity with the national consensus code.
- Amends subsection numbers and removes wording for formatting.

WAC 296-96-02452, Access to machines, overhead sheaves, shackles, and hitch supports.

- Adds language for clarity to provide detailed instruction on locating a reference point in the hoistway for taking measurements.
- Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-02460, Location.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-02465, Machine rooms, control rooms, and control spaces.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-02530. Handrails.

- Removes "with a gripping surface" from the handrail configuration requirements for uniformity with the national consensus code.
- Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-02580, Inspection keys.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-02605, Private residence inclined stairway chairlifts.

- Amends the title to clarify that private residence inclined stairway chairlifts apply to both private residential and commercial buildings.
- Amends language to clarify the requirements allowed for battery operated inclined stairway chairlifts and the way
 they can be disconnected from power.
- Adds language to clarify the disconnecting means requirements pertaining to residential and commercial stairway chair lifts.
- Amends language to clarify full load safety testing.
- Amends language for reference corrections and to relocate existing language for formatting.

WAC 296-96-02650, Additional required on-site documentation.

- Amends language to reformat the rule so it's easier to understand and use.
- Amends the term "platform lifts" to "platform chair" for proper reference.

WAC 296-96-02700, Machine room requirements.

- Amends the rule title to allow other residential spaces to be used for elevator machinery under this section.
- Amends language to provide owners an additional option to not have to partition or install guards in an area to create
 a dedicated space for their elevator machinery for uniformity with national consensus codes.
- Amends language to convert measurements for uniformity with national consensus codes.

WAC 296-96-05000, Scope.

 Amends language to replace the term "standard application" material lifts with 'WAC" material lifts throughout the chapter, as this equipment is not standard and is constructed to the rules within Part C1.

WAC 296-96-05010, Definition and use.

- Amends language to replace the term "standard application" material lifts with 'WAC" material lifts throughout the chapter, as this equipment is not standard and is constructed to the rules within Part C1.
- Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05020, Hoistway enclosure.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05030, Hoistway gates and doors.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05070, Car enclosures.

- Amends language to convert measurements for uniformity with the national consensus codes.
- Amends language to replace the term "standard application" material lifts with 'WAC" material lifts throughout the chapter, as this equipment is not standard and is constructed to the rules within Part C1.

WAC 296-96-05080, Running clearance.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05090, Car and counterweight guides.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05190, Pits.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-05210, Signage.

- Adds language to create new subsections for formatting.
- Amends language to convert measurements for uniformity with the national consensus codes.
- Creates a new subsection to define a "code data plate" and the information needed for WAC material lifts.

WAC 296-96-07150, Guide rails, track supports and fastenings.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23116, Car numbers.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23117, Car top guard railings.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23119, Low overhead signs.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23122, Machine room and machinery space illumination.

• Adds new language to correctly reference the full ASME national code.

WAC 296-96-23126, Guarding of equipment.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23130, Pit access.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-23605, Examination of standard application material lifts, special purpose elevators, electric manlifts, and hand-powered manlifts.

- Amends language to replace the term "standard application" material lifts with 'WAC" material lifts throughout the rules, as this equipment is not standard and constructed to the rules within Part C1.
- Amends language to reformat the rule so it's easier to understand and use.

WAC 296-96-23606, Installations placed in voluntary red tag status.

• Amends language to remove "voluntary" from "red tag status" throughout the rule to clarify the requirements are to be followed, regardless of either voluntary or red tag status.

WAC 296-96-23701, Maintenance and tests on commercial accessibility lifts.

- Amends language to update the one and five-year inspection test tag requirements for uniformity with national consensus codes.
- Adds new language to clarify that tests, exams, and maintenance must be accessible in the written maintenance program for uniformity with the national consensus codes.

WAC 296-96-24000, Applicable codes and rules.

Amends language to replace the term "standard application" material lifts with 'WAC" material lifts throughout the
rules, as this equipment is not standard and constructed to the rules within Part C1.

WAC 296-96-24112, Runway clearances.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24115, Landing enclosures and gates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24118, Bumpers and buffers.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24127, Maximum rated speed.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24133, Car enclosures.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24136, Car doors and gates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24139, Capacity and data plates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24142, Guide rails, track supports and fastenings.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24148, Safeties and governors.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24154, Driving machines and sheaves.

Adds new language to correctly reference the full ASME national code.

WAC 296-96-24163, Suspension means.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24221, Bumpers and buffers.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24231, Rated speed.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24237, Car enclosures.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24240, Capacity and data plates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24243, Guide rails, track supports, and fastenings.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24255, Drive machines, sheaves and brakes.

• Adds new language to correctly reference the full ASME national code.

WAC 296-96-24264, Suspension means.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24279, Additional requirements.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24457, Up-limit stop devices.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24500, Scope.

Adds new language to correctly reference the full ASME national code.

WAC 296-96-24519, Hoistway and landing construction.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24522, Hoistway doors and gates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24525, Car enclosures and frames.

• Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24528, Car doors and gates.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24531, Counterweight enclosures, counterweight and fastenings.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24534, Guide rails.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24537, Suspension means.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24543, Car safeties.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24553, Drive machines.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24560, Additional applicable requirements.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24620, Landings and entrances.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24635, Guide rails.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24640, Buffers.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24645, Car construction.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24650, Counterweights.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24655, Sheaves and supporting members.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24660, Suspension means.

- Amends language to convert measurements for uniformity with the national consensus codes.
- Amends language to update a subsection reference.

WAC 296-96-24665, Operating ropes.

Amends language to convert measurements for uniformity with the national consensus codes.

WAC 296-96-24670, Hoistway requirements.

Amends language to convert measurements for uniformity with the national consensus codes.

Repealed Sections

WAC 296-96-02640, Inclined commercial stairway chair lifts.

 Repeals the rules for inclined commercial stairway chair lifts, as these lifts fall under the same category or design as residential inclined chairlifts under ASME A18.1, Section 10.4.

WAC 296-96-18010, Definition

WAC 296-96-18011, Minimum maintenance requirements.

WAC 296-96-18020, Car and platform enclosures

WAC 296-96-18030, Electrical wiring requirements

WAC 296-96-18040, Brakes

WAC 296-96-18050, Stop switches and protective devices

WAC 296-96-18060, Reshackling and refastening of hoisting cables

WAC 296-96-18070, Hoistway gates and doors

WAC 296-96-18080, Hoistway enclosures.

Repeals the rules pertaining to Boat Launching Elevators, as the Elevator Program is no longer regulating this type
of equipment as no national standard for this equipment exists and there is no longer a need.

WAC 296-96-20010. Minimum maintenance requirements

WAC 296-96-24700, Scope.

• Repeals the rules pertaining to mechanized parking garages. L&l's Elevator Program is no longer regulating this type of equipment as a national standard for this equipment no longer exists.

WAC 296-96-24703, Minimum maintenance requirements

WAC 296-96-24706, Machine rooms and machinery space

WAC 296-96-24709, Equipment in machine rooms/spaces

WAC 296-96-24712, Electrical wiring, pipes and ducts in hoistways and machine rooms

WAC 296-96-24715, Pits

WAC 296-96-24718, Hoistway door openings

WAC 296-96-24721, Hoistway door installation

WAC 296-96-24724, Hoistway door clearances

WAC 296-96-24727, Hoistway door locking devices

WAC 296-96-24730, Protection of space beneath hoistway

WAC 296-96-24733, Car doors and gates

WAC 296-96-24736, Car enclosure

WAC 296-96-24739, Construction of car frames and platforms

WAC 296-96-24742. Connecting car frames to platforms

WAC 296-96-24745, Capacity

WAC 296-96-24748, Driving machines

WAC 296-96-24751, Material and grooving for sheaves and drums

WAC 296-96-24754, Brakes

WAC 296-96-24757, Terminal stopping devices

WAC 296-96-24760, Suspension means

WAC 296-96-24765, Hydraulic casket lifts

WAC 296-96-24770, Valves, supply piping and fittings

WAC 206 06 247	7E Stanning davises				
WAC 296-96-24775, Stopping devices WAC 296-96-24780, Operating devices.					
Repeals the rules pertaining to casket lifts. L&I's Elevator Program is no longer regulating this type of equipment as a national standard for this equipment no longer exists.					
Program, TAC, an the latest safety of conveyances. ASI North America. Th material lifts, platfo operation, testing,	nd ESAC identified during the repode requirements, so Washing ME A17.1/B44 CSA is the recome ASME standards address brorm lifts and stairway chairlifts inspection, maintenance, alte	g proposes amendments based on recoule development process. This rulemake ton State is consistent with the national agnized safety standard for the elevator of the new and existing elevators, escalate and provides requirements applying to ration, and repair of these conveyances ty. Additionally, other amendments to the	ting is needed to update the rules with I consensus codes that govern industry and is adopted throughout ors, dumbwaiters, moving walks, the design, construction, installation, s. The purpose of the safety codes and		
	nd to adopt amendments requ				
	ity for adoption: Chapter 70.8				
	plemented: Chapter 70.87 RC	VV			
Is rule necessary Federal Lav			□ Voo □ No		
	w? urt Decision?		□ Yes ⊠ No □ Yes ⊠ No		
State Court			☐ Yes ⊠ No		
If yes, CITATION:			_ 100 Z No		
Agency commen matters: None	ts or recommendations, if a	ny, as to statutory language, implem	entation, enforcement, and fiscal		
	nt: □ Private □ Public ⊠ Gov ent: (person or organization) D	ernmental epartment of Labor & Industries			
Name of agency	personnel responsible for:				
	Name	Office Location	Phone		
Drafting:	Gerald Brown, Prog. Mgr.	Tumwater, WA	360-999-0592		
Implementation:	Steve Reinmuth, Asst. Dir.	Tumwater, WA	360-902-6348		
Enforcement:	Steve Reinmuth, Asst. Dir.	Tumwater, WA	360-902-6348		
Is a school district fiscal impact statement required under RCW 28A.305.135? If yes, insert statement here: The public may obtain a copy of the school district fiscal impact statement by contacting: Name: Address: Phone: Fax: TTY: Email: Other:					
	analysis required under RCI				
Name: A Address Phone: 3 Fax: 360 TTY:	Alicia Curry Department of Labor & Indu Field Services & Public Safe PO Box 44400 Olympia, WA 98504-4400 360-902-6244 D-902-6134 Alicia.Curry@Lni.wa.gov				
	se explain:				

		Fairness Act and Small Busingovernor's Office for Regulatory I			Statement ce (ORIA) provides support in completing this part.	
This re	ule pro er 19.8		ion on exemption		n requirements of the Regulatory Fairness Act (see sult the exemption guide published by ORIA. Please	
adoptoregula adoptoregula	This rule proposal, or portions of the proposal, is exempt under <u>RCW 19.85.061</u> because this rule making is being adopted solely to conform and/or comply with federal statute or regulations. Please cite the specific federal statute or regulation this rule is being adopted to conform or comply with, and describe the consequences to the state if the rule is not adopted. Citation and description:					
		proposal, or portions of the prop <u>CW 34.05.313</u> before filing the r			e the agency has completed the pilot rule process	
□ Th	is rule	proposal, or portions of the prop	oosal, is exempt u	ınder tl	he provisions of RCW 15.65.570(2) because it was	
	-	a referendum.				
⊠ Th	is rule	proposal, or portions of the prop	oosal, is exempt u	ınder <u>F</u>	RCW 19.85.025(3). Check all that apply:	
		RCW 34.05.310 (4)(b)		\boxtimes	RCW 34.05.310 (4)(e)	
		(Internal government operations	s)		(Dictated by statute)	
	\boxtimes	RCW 34.05.310 (4)(c)			RCW 34.05.310 (4)(f)	
		(Incorporation by reference)			(Set or adjust fees)	
	\boxtimes	RCW 34.05.310 (4)(d)			RCW 34.05.310 (4)(g)	
		(Correct or clarify language)			((i) Relating to agency hearings; or (ii) process	
					requirements for applying to an agency for a license or permit)	
Explanation of how the above exemption(s) applies to the proposed rule: See explanation in Section 2 below. (2) Scope of exemptions: Check one. ☐ The rule proposal is fully exempt (skip section 3). Exemptions identified above apply to all portions of the rule proposal. ☐ The rule proposal is partially exempt (complete section 3). The exemptions identified above apply to portions of the rule proposal, but less than the entire rule proposal. Provide details here (consider using this template from ORIA):						
		Proposed WAC Sections	This proposed rule section is not exempt-Analysis is required		proposed rule section <u>is exempt.</u> de RCW to support this exemption.	
1.		296-96-00600, Application of ed standards and rules.		34.05 gener clarify of req	section is exempt under RCW 34.05.310(4)(c) and RCW .310(4)(d) because it adopts national consensus codes that rally establish industry standards and changes that only alanguage of a rule without changing the substance or effect juirements.	
2.	WAC standa	296-96-00650, Adopted			section is exempt under RCW 34.05.310(4)(c) because it is national consensus standards.	
3.	WAC	296-96-00675, Amendments to ed standards.		This s 34.05 nation stand langurequir	section is partially exempt under RCW 34.05.310(4)(c), RCW .310(4)(d), and RCW 34.05.310(4)(e) because it adopts all consensus codes that generally establish industry ards, changes that only correct typographical errors or clarify age of a rule without changing the substance or effect of rements, and content of which is explicitly and specifically ed by statute.	
4.	definit			This s 34.05 gener statut chang	section is exempt under RCW 34.05.310(4)(c) and RCW .310(4)(d) because it adopts national consensus codes that rally establish industry standards and Washington state es and changes that clarify language of a rule without ging the substance or effect of requirements.	
5.		296-96-00904, License ements for elevator contractors.		adopt langu	section is exempt under RCW 34.05.310(4)(d) because it is changes that only correct typographical errors or clarify age of a rule without changing the substance or effect of rements.	

6.	WAC 296-96-01000, Permits for new construction and alterations.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
7.	WAC 296-96-02421, Layout plans.		This section is exempt under RCW 34.05.310(4)(c) and RCW 34.05.310(4)(d) because it adopts national consensus codes that generally establish industry standards and changes that only clarify language of a rule without changing the substance or effect of requirements.
8.	WAC 296-96-02452, Access to machines, overhead sheaves, shackles, and hitch supports.		This section is exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
9.	WAC 296-96-02460, Location.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that only clarify language of a rule without changing the substance or effect of requirements.
10.	WAC 296-96-02465, Machine rooms, control rooms, and control spaces.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that only clarify language of a rule without changing the substance or effect of requirements.
11.	WAC 296-96-02487, State requirements for sprinklers and shunt trips for hydraulic elevators in buildings.		This section is exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
12.	WAC 296-96-02530, Handrails.		This section is exempt under RCW 34.05.310(4)(c) and RCW 34.05.310(4)(d) because it adopts national consensus codes that generally establish industry standards and changes that clarify language of a rule without changing the substance or effect of requirements.
13.	WAC 296-96-02580, Inspection keys.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that only clarify language of a rule without changing the substance or effect of requirements.
14.	WAC 296-96-02605, Private residence inclined stairway chairlifts.		This section is exempt under RCW 34.05.310(4)(c) and RCW 34.05.310(4)(d) because it adopts national consensus codes that generally establish industry standards and changes that clarify language of a rule without changing the substance or effect of requirements.
15.	WAC 296-96-02610, Private residence platform lifts.	×	This section is partially exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
16.	WAC 296-96-02650, Additional required on-site documentation.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that only clarify language of a rule without changing the substance or effect of requirements.
17.	WAC 296-96-02700, Machine room requirements.	×	This section is partially exempt under RCW 34.05.310(4)(c) and RCW 34.05.310(4)(d) because it adopts national consensus codes that generally establish industry standards and changes that clarify language of a rule without changing the substance or effect of requirements.
18.	WAC 296-96-02705, Location of speed governor.		This section is exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
19.	WAC 296-96-02720, Two-way communications means.		This section is exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
20.	WAC 296-96-05000, Scope.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
21.	WAC 296-96-05010, Definition and use.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
22.	WAC 296-96-05020, Hoistway enclosure.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
23.	WAC 296-96-05030, Hoistway gates and doors.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
24.	WAC 296-96-05070, Car enclosures.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
25.	WAC 296-96-05080, Running clearance.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
26.	WAC 296-96-05090, Car and counterweight guides.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.

27.	WAC 296-96-05190, Pits.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
28.	WAC 296-96-05210, Signage.	\boxtimes	This section is partially exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
29.	WAC 296-96-07150, Guide rails, track supports and fastenings.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
30.	WAC 296-96-23116, Car numbers.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
31.	WAC 296-96-23117, Car top guard railings.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
32.	WAC 296-96-23119, Low overhead signs.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
33.	WAC 296-96-23122, Machine room and machinery space illumination.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
34.	WAC 296-96-23126, Guarding of equipment.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
35.	WAC 296-96-23130, Pit access.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
36.	WAC 296-96-23605, Examination of standard application material lifts, special purpose elevators, electric manlifts, and hand-powered manlifts.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
37.	WAC 296-96-23701, Maintenance and tests on commercial accessibility lifts.		This section is exempt under RCW 34.05.310(4)(c) because it adopts national consensus codes that generally establish industry standards.
38.	WAC 296-96-24000, Applicable codes and rules.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
39.	WAC 296-96-24112, Runway clearances.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
40.	WAC 296-96-24115, Landing enclosures and gates.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
41.	WAC 296-96-24118, Bumpers and buffers.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
42.	WAC 296-96-24127, Maximum rated speed.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
43.	WAC 296-96-24133, Car enclosures.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
44.	WAC 296-96-24136, Car doors and gates.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
45.	WAC 296-96-24139, Capacity and data plates.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
46.	WAC 296-96-24142, Guide rails, track supports and fastenings.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
47.	WAC 296-96-24148, Safeties and governors.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
48.	WAC 296-96-24154, Driving machines and sheaves.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
49.	WAC 296-96-24163, Suspension means.		This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.

50.	WAC 296-96-24221, Bumpers and buffers.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing
51.	WAC 296-96-24231, Rated speed.	the substance or effect of requirements. This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
52.	WAC 296-96-24237, Car enclosures.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
	WAC 296-96-24240, Capacity and data plates.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
53.	WAC 296-96-24243, Guide rails, track supports, and fastenings.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
54.	WAC 296-96-24255, Drive machines, sheaves and brakes.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
55.	WAC 296-96-24264, Suspension means.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
56.	WAC 296-96-24279, Additional requirements.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
57.	WAC 296-96-24457, Up-limit stop devices.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
58.	WAC 296-96-24500, Scope.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
59.	WAC 296-96-24519, Hoistway and landing construction.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
60.	WAC 296-96-24522, Hoistway doors and gates.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
61.	WAC 296-96-24525, Car enclosures and frames.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
62.	WAC 296-96-24528, Car doors and gates.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
63.	WAC 296-96-24531, Counterweight enclosures, counterweight and fastenings.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
64.	WAC 296-96-24534, Guide rails.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
65.	WAC 296-96-24537, Suspension means.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
66.	WAC 296-96-24543, Car safeties.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
67.	WAC 296-96-24553, Drive machines.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
68.	WAC 296-96-24560, Additional applicable requirements.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
69.	WAC 296-96-24620, Landings and entrances.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
70.	WAC 296-96-24635, Guide rails.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
71.	WAC 296-96-24640, Buffers.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.

72.	WAC 296-96-24645, Car construction.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
73.	WAC 296-96-24650, Counterweights.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
74.	WAC 296-96-24655, Sheaves and supporting members.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
75.	WAC 296-96-24660, Suspension means.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
76.	WAC 296-96-24665, Operating ropes.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.
77.	WAC 296-96-24670, Hoistway requirements.	This section is exempt under RCW 34.05.310(4)(d) because it adopts changes that clarify language of a rule without changing the substance or effect of requirements.

☐ The rule proposal is not exempt *(complete section 3)*. No exemptions were identified above.

(3) Small business economic impact statement: Complete this section if any portion is not exempt.

If any portion of the proposed rule is **not exempt**, does it impose more-than-minor costs (as defined by RCW 19.85.020(2)) on businesses?

No Briefly summarize the agency's minor cost analysis and how the agency determined the proposed rule did not impose more-than-minor costs. L&I identified the following amendments that would impose new or additional costs on affected businesses.

WAC 296-96-00500, Scope, purpose, and authority.

<u>Rule overview:</u> This change clarifies that L&I's interpretation of RCW 70.87.200(1)(b) does not include Construction Personnel Hoists and Material Hoists covered by ANSI/ASSP A10.4 and A10.5 and is an interpretive rule under RCW 34.05.328(5)(c)(ii) which does not subject anyone to a penalty or cost.

WAC 296-96-00700, Chapter definitions.

<u>Rule overview</u>: This change establishes the definition of "Machine room less (MRL elevator)" and is an interpretive rule under RCW 34.05.328(5)(c)(ii) which does not subject anyone to a penalty or cost.

WAC 296-96-02715, Disconnecting means, hoistwayless elevators.

<u>Rule Overview</u>: This change deviates from the national code under ASME A17.1 by requiring hoistwayless elevators to have the same standards as hoistway elevators for an auxiliary disconnect. The change now requires an additional location for the disconnecting means to allow for safely disconnecting the power without having to get into the elevator.

WAC 296-96-05210, Signage, (2) and (2)(a) through (c)

Rule Overview: Creates a definition of "code data plate" and adds this to the signage requirement for WAC material lifts.

WAC 296-96-23102, Roof access through horizontal hatch-type covers.

<u>Rule Overview</u>: This change adds new requirements to provide for safer access to roof doors leading to elevator machine rooms. Some access to roof areas are currently provided with wooden ladders, which do not comply with ANSI A14.3. The proposed language makes allowances where a stair or collapsible stair is not feasible.

The industries listed in the table below are the ones most likely to be affected by the proposed rule amendments. Businesses in the 238291 and 238292 NAICS categories will be required to install a second disconnect switch when installing hoistwayless elevators, but the added cost will be passed on to the elevator owner. Businesses in the 454110 and 455211 NAICS categories will absorb the cost of the new data plates required on WAC material lifts.

Industries Affected by the Proposed Rule

6-Digit NAICS	Industry Group
238291	Other Residential Equipment Contractors
238292	Other Nonresidential Equipment Contractors
454110	Electronic Shopping and Mail-Order Houses
455211	Warehouse Clubs and Supercenters
531110	Lessors of Residential Buildings and Dwellings
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)
531190	Lessors of Other Real Estate Property

WAC 296-96-02715, Disconnecting means, hoistwayless elevators.

<u>Costs</u>: The new language creates a cost for installing an additional disconnect switch. The estimated average cost for this installation is \$25 per unit and less than one hour of labor at \$75 per hour. Less than 20 hoistwayless elevators are installed each year. Therefore, the total cost of this requirement to the industry is estimated to be \$2,000 or less per year. Hoistwayless elevators are exclusively used in residential homes. Therefore, this cost becomes a consumer expenditure and none of the cost remains with the industry.

WAC 296-96-05210, Signage, (2) and (2)(a) through (c)

<u>Costs</u>: This is a new requirement that applies to new WAC material lifts only, and there will be a cost for procurement of the data plates for these conveyances. It is estimated that on average, less than 20 such lifts would be installed each year in the state and the data plates are estimated to cost \$10 each. Since no attachment method is specified, the labor cost for installation will be minimal. Therefore, the total cost of this requirement to the industry is estimated to be \$200 or less per year.

WAC 296-96-23102, Roof access through horizontal hatch-type covers.

<u>Costs</u>: This new language creates a cost for the replacement of fixed wooden ladders. The minimum requirement is that the wooden ladder be replaced with a noncombustible ladder. The estimated cost for replacement of the wooden ladders is \$300 to \$500 each.

As analyzed above, the cost of additional disconnect switches would ultimately be passed on to the owners of residential elevators. Therefore, the changes in WAC 296-96-02715 present no cost to any businesses. WAC material lifts are installed in large warehouse facilities. It is reasonable to assume that on average any one business would install one such lift per year. Given the cost of \$10 for each data plate required with such a lift under WAC 296-96-05210(2), the annual per-business cost is \$10. In addition, WAC 296-96-23102 creates a cost for the purchase of noncombustible ladders. The cost of these ladders is \$300 to \$500 each. The replacement will be required as current ladders become unfit. Therefore, it is reasonable to assume that building owners will, on average, replace one per year at a cost of \$500 or less.

Per-business Cost V.S. Minor Cost Threshold

Title: Director

Affected Industries	Per-business annual average cost	Minor cost threshold (1% of annual payroll)
454110 - Electronic Shopping and Mail-Order Houses	\$10	\$21,220
455211 - Warehouse Clubs and Supercenters	\$10	\$3,206,263
531110 - Lessors of Residential Buildings and Dwellings	\$500	\$3,680
531120 - Lessors of Nonresidential Buildings (except Miniwarehouses)	\$500	\$4,672
531190 - Lessors of Other Real Estate Property	\$500	\$1,506

When compared to the minor-cost threshold (1% of annual payroll), the average per-business cost of these proposed rule amendments is far below the threshold for affected businesses discussed above. Therefore, a SBEIS is not required for this rulemaking pursuant to RCW 19.85.030(1), and the information provided above is sufficient to fulfill the requirements in the Regulatory Fairness Act (Chapter 19.85 RCW).					
economic impact statement is required. Insert the req	mposes more-than-minor cost to businesses and a small business quired small business economic impact statement here: ss economic impact statement or the detailed cost calculations by				
Name: Address: Phone: Fax: TTY: Email: Other:					
Date : May 2, 2023	Signature:				
Name: Joel Sacks	Doel Jack				