



# Oregon

Kate Brown, Governor

Department of Consumer and Business Services  
Oregon Occupational Safety & Health Division (Oregon OSHA)  
350 Winter Street NE, PO Box 14480, Salem, OR 97309-0405  
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osha.oregon.gov

August 2, 2021

[Text of changes](#)

## **Amendment of OAR 437-004-1120 to Address High Ambient Temperatures in Labor Housing**

In 2021, a deadly heat event in the Pacific Northwest set record-breaking temperatures in Oregon. On June 28<sup>th</sup>, Portland International Airport reached 116 °F and other parts of the state were even hotter. This extreme hot weather may happen again, and it has made it necessary to enact protections for occupants of employer-provided labor housing. The current labor housing rules do not have provisions for occupants to escape and recover from high ambient temperatures. The new provisions take effect August 9, 2021.

Oregon OSHA had already begun a permanent comprehensive Ag Labor Housing rulemaking process, engaging over 85 stakeholders from Labor and Agricultural interests on a Rules Advisory Committee beginning November 2018. However, the unprecedented weather has highlighted the immediate risks, making it necessary to address issues of heat in employer-provided labor housing through a temporary amendment to the full labor housing rules. Oregon OSHA recognizes the effect of heat in such housing, and that its impact is magnified on workers because of their limited ability to recover from hot outdoor working conditions.

The new provisions require that when the heat index is at or above 80 degrees Fahrenheit, housing without suitable temperature control (able to keep indoor temperatures under 78 degrees Fahrenheit) must include common areas to provide some relief from the heat. Employers can provide indoor cooling rooms (using air conditioners, evaporative coolers, air purifiers with coolers, or other reliable means) or shaded outdoor rest areas open to the breeze. They also need to equip outdoor rest areas with misters or provide individual cooling measures that won't be shared without washing.

Thermometers are now required in all housing units, and humidity gauges are encouraged. Employers must also ensure windows can be shaded or protected from radiant heat and fans are available for occupant use.

Lastly, the new provisions call for employers to ensure that the occupants in labor housing have information about heat illness, how to avoid it, and how to contact emergency medical care in the event of serious illness. Oregon OSHA is providing

posters in English and Spanish that can be customized by employer housing operators to support this education.

Please visit our website [osha.oregon.gov/rules](https://osha.oregon.gov/rules) to view our adopted rules, or select other rule activity from this page.

**This is Oregon OSHA Administrative Order 8-2021, adopted August 2, 2021 and effective August 9, 2021.**

**Oregon OSHA contact:**

**Technical Services, Salem Central Office @ 503-378-3272, or email [TECH.WEB@oregon.gov](mailto:TECH.WEB@oregon.gov).**

Note: In compliance with the Americans with Disabilities Act (ADA), this publication is available in alternative formats by calling 503-378-3272.

Secretary of State  
Certificate and Order for Filing  
**TEMPORARY ADMINISTRATIVE RULES**  
A Statement of Need and Justification accompanies this form..

I certify that the attached copies\* are true, full and correct copies of the TEMPORARY Rule(s) adopted on

8/2/2021 by the  
Date prior to or same as filing date

Department of Consumer and Business Services- Oregon OSHA 437-004-1120  
Agency and Division Administrative Rules Chapter Number

Lisa Appel 350 Winter St NE, Salem, OR 97301 503-947-7449  
Rules Coordinator Address Telephone

to become effective 8/9/2021 through 2/4/2022  
Date upon filing or later A maximum of 180 days including the effective date.

**RULE CAPTION**

Amendment of OAR 437-004-1120 to Address High Ambient Temperatures in Labor Housing  
Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.)

**RULEMAKING ACTION**

List each rule number separately, 000-000-0000.

Secure approval of new rule numbers (Adopted rules) with the Administrative Rules Unit prior to filing

AMEND: OAR 437-004-1120

Stat. Auth.: ORS 654.025(2)

Other Auth.: 654.035, 656.726(4)

Stats. Implemented: ORS 654.001 through 654.295

**RULE SUMMARY**

In 2021, a deadly heat event in the Pacific Northwest set record-breaking temperatures in Oregon. On June 28<sup>th</sup>, Portland International Airport reached 116 °F and other parts of the state were even hotter. This extreme hot weather may happen again, and it has made it necessary to enact protections for occupants of employer-provided labor housing. The current labor housing rules do not have provisions for occupants to escape and recover from high ambient temperatures. The new provisions take effect August 9, 2021.

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Lastly, the new provisions call for employers to ensure that the occupants in labor housing have information about heat illness, how to avoid it, and how to contact emergency medical care in the event of serious illness. Oregon OSHA is providing posters in English and Spanish that can be customized by employer housing operators to support this education.



Michael D. Wood

8/2/2021

Authorized Signer

Printed name

Date

## STATEMENT OF NEED AND JUSTIFICATION

A Certificate and Order for Filing Temporary Administrative Rules accompanies this form.

Department of Consumer and Business Services- Oregon OSHA  
Agency and Division

437-004-1120  
Administrative Rules Chapter Number

**In the Matter of:**

Amendment of OAR 437-004-1120 to Address High Ambient Temperatures in Labor Housing

**Rule Caption:**

Amendment of OAR 437-004-1120 to Address High Ambient Temperatures in Labor Housing  
(Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.)

**Statutory Authority:** ORS 654.025(2), 654.035, 656.726(4)

**Stats. Implemented:** ORS 654.001 through 654.295

**Need for the Temporary Rule(s):**

In 2021, a deadly heat event in the Pacific Northwest set record-breaking temperatures in Oregon. On June 28<sup>th</sup>, Portland International Airport reached 116 °F and other parts of the state were even hotter. This extreme hot weather may happen again, and it has made it necessary to enact protections for occupants of employer-provided labor housing. The current labor housing rules do not have provisions for occupants to escape and recover from high ambient temperatures. The new provisions take effect August 9, 2021.

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**Documents relied upon, and where they are available:**

Oregon OSHA website, Heat stress topic page: <https://osha.oregon.gov/OSHARules/pd/pd-299.pdf>

Oregon OSHA Program Directive – Local Emphasis Program (LEP): Preventing Heat Related Illness, available at: <https://osha.oregon.gov/Pages/topics/heat-stress.aspx#:~:text=Local%20Emphasis%20Program%20%28LEP%29%3A%20Preventing%20Heat%20Related%20Illness,Oregon%20OSHA%E2%80%99s%20heat%20stress%20prevention%20campaign.%20A-299%2006%2F06%2F2019>

Newspaper article, Oregonian, July 1, 2021 – “Umatilla construction worker found in trailer without air conditioning is among heat-related deaths in Oregon”, available at: <https://www.oregonlive.com/weather/2021/07/umatilla-construction-worker-found-in-trailer-without-air-conditioning-is-among-heat-related-deaths-in-oregon.html>

NIOSH [2016]. NIOSH criteria for a recommended standard: occupational exposure to heat and hot environments. By Jacklitsch B, Williams WJ, Musolin K, Coca A, Kim J-H, Turner N. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication 2016-106, available at: <https://www.cdc.gov/niosh/docs/2016-106/pdfs/2016-106.pdf>

**Justification of Temporary Rule(s) (1) Describe the specific consequences that result from the failure to immediately adopt, amend or suspend the rule(s); (2) who would suffer these consequences; (3) why or how failure to immediately take rulemaking action would cause these consequences; (4) how the temporary action will avoid or mitigate those consequences.:**

If Oregon OSHA does not pursue a temporary amendment of existing labor housing rules to address employee exposure to high ambient temperatures in the housing, occupants will be left without specific protections to prevent heat illness in their home environment. Without explicit rules, there will be no measures in place for occupants to recuperate and cool down from excessive heat that is experienced in the housing units, as many of them are not equipped with air conditioning or even mechanical ventilation. The occupants of labor housing can include children and the elderly, both more susceptible to serious heat-related illness and death. This is especially concerning given Oregon's recent record-setting heat in June 2021, and a predicted summer of high-heat and drought. The recent record-breaking heat appears to have contributed to multiple workplace hospitalizations and fatalities, underscoring the need to take action on rules to protect occupants against the risk of heat illness. These rules add provisions to reduce temperatures in housing units and provide some relief from heat for its occupants.



Authorized Signer

Michael D. Wood

Printed name

3/2/2021

Date

## HOUSING COST IMPACT STATEMENT

FOR ESTIMATING THE EFFECT OF A PROPOSED RULE OR ORDINANCE ON THE COST OF DEVELOPING  
A \*TYPICAL 1,200 SQ FT DETACHED SINGLE FAMILY DWELLING ON A 6,000 SQ FT PARCEL OF LAND.  
(ORS 183.534)  
FOR ADMINISTRATIVE RULES

**AGENCY NAME:** DCBS/Oregon OSHA

**PERMANENT:**

**HEARING DATE:**

**ADDRESS:** 350 Winter Street NE

**CITY/STATE:** Salem OR 97301-3882

**PHONE:** 503-947-7449

**TEMPORARY:XX**

**EFFECTIVE DATE:** August 9, 2021

BELOW PLEASE PROVIDE A DESCRIPTION OF THE ESTIMATED SAVINGS OR ADDITIONAL COSTS THAT WILL RESULT FROM THIS PROPOSED CHANGE.

PROVIDE A BRIEF EXPLANATION OF HOW THE COST OR SAVINGS ESTIMATE WAS DETERMINED.

IDENTIFY HOW CHANGE IMPACTS COSTS IN CATEGORIES SPECIFIED

**Description of proposed change:** (Please attach any draft or permanent rule or ordinance)

See attached Statement of Need and Justification and Certificate and Order for Filing.

**Description of the need for, and objectives of the rule:**

See attached Statement of Need and Justification and Certificate and Order for Filing.

**List of rules adopted or amended:**

**AMEND: 437-004-1120**

**Materials and labor costs increase or savings:**

Oregon OSHA does not anticipate a material impact on materials or labor cost in the construction costs, as the affected stakeholders are almost exclusively in the agriculture industry.

**Estimated administrative construction or other costs increase or savings:**

Oregon OSHA does not expect this rule to have a material impact on administrative construction costs, as the affected stakeholders are almost exclusively in the agriculture industry.

**Land costs increase or savings:**

None.

**Other costs increase or savings:**

None.

\*Typical-Single story 3 bedrooms, 1 1/2 bathrooms, attached garage (calculated separately) on land with good soil conditions with no unusual geological hazards.

**PREPARERS NAME:** Lisa Appel

**EMAIL ADDRESS:** Lisa.Appel@oregon.gov



OFFICE OF THE SECRETARY OF STATE  
SHEMIA FAGAN  
SECRETARY OF STATE  
  
CHERYL MYERS  
DEPUTY SECRETARY OF STATE



ARCHIVES DIVISION  
STEPHANIE CLARK  
DIRECTOR  
  
800 SUMMER STREET NE  
SALEM, OR 97310  
503-373-0701

**TEMPORARY ADMINISTRATIVE ORDER**  
INCLUDING STATEMENT OF NEED & JUSTIFICATION

**OSHA 8-2021**

CHAPTER 437  
DEPARTMENT OF CONSUMER AND BUSINESS SERVICES  
OREGON OCCUPATIONAL SAFETY AND HEALTH DIVISION

**FILED**  
08/02/2021 11:36 AM  
ARCHIVES DIVISION  
SECRETARY OF STATE  
& LEGISLATIVE COUNSEL

FILING CAPTION: Amendment of OAR 437-004-1120 to Address High Ambient Temperatures in Labor Housing

EFFECTIVE DATE: 08/09/2021 THROUGH 02/04/2022

AGENCY APPROVED DATE: 08/02/2021

CONTACT: Lisa Appel  
503-947-7449  
Lisa.Appel@oregon.gov

350 Winter St. NE  
Salem, OR 97301

Filed By:  
Lisa Appel  
Rules Coordinator

**NEED FOR THE RULE(S):**

In 2021, a deadly heat event in the Pacific Northwest set record-breaking temperatures in Oregon. On June 28th, Portland International Airport reached 116 °F and other parts of the state were even hotter. This extreme hot weather may happen again, and it has made it necessary to enact protections for occupants of employer-provided labor housing. The current labor housing rules do not have provisions for occupants to escape and recover from high ambient temperatures. The new provisions take effect August 9, 2021.

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#### JUSTIFICATION OF TEMPORARY FILING:

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NIOSH [2016]. NIOSH criteria for a recommended standard: occupational exposure to heat and hot environments. By Jacklitsch, R. L. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. <https://www.cdc.gov/niosh/docs/2016-106/pdfs/2016-106.pdf>

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#### HOUSING IMPACT STATEMENT:

FOR ESTIMATING THE EFFECT OF A PROPOSED RULE OR ORDINANCE ON THE COST OF DEVELOPING A \*TYPICAL 1,200 SQ FT DETACHED SINGLE FAMILY DWELLING ON A 6,000 SQ FT PARCEL OF LAND. (ORS 183.534) FOR ADMINISTRATIVE RULES

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AMEND: 437-004-1120

RULE TITLE: Agricultural Labor Housing and Related Facilities

RULE SUMMARY: In 2021, a deadly heat event in the Pacific Northwest set record-breaking temperatures in Oregon. On June 28th, Portland International Airport reached 116 °F and other parts of the state were even hotter. This extreme hot weather may happen again, and it has made it necessary to enact protections for occupants of employer-provided labor housing. The current labor housing rules do not have provisions for occupants to escape and recover from high ambient temperatures. The new provisions take effect August 9, 2021.

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**RULE TEXT:**

**(1) Application.**

(a) These rules apply to any place, or area of land, where there are living areas, manufactured or prefabricated homes or dwellings or other housing provided by a farmer, farm labor contractor, agricultural employer or other person in connection with the recruitment of workers on an agricultural establishment.

(b) These rules apply to any type of labor housing and related facilities together with the tract of land, established, or to be established, operated or maintained for housing workers with or without families whether or not rent is paid or collected.

(c) Manufactured dwellings and homes must comply with specifications for construction of sleeping places, unless they comply with ORS 446.155 to 446.185 and OAR 918-500-0020(2) that have the requirements and specifications for sanitation and safety design for manufactured dwellings.

(d) These rules apply to housing given to, rented, leased to or otherwise provided to employees for use while employed and provided or allowed either by the employer, a representative of the employer or a housing operator.

(e) These rules, unless otherwise stated, apply to all occupants of the labor housing and facilities.

(f) These rules apply to all labor housing sites owned, operated, or allowed to operate on property under the jurisdiction of any state or municipal authority.

(g) Violations relating to the occupants' personal housekeeping practices in facilities that are not common use will not result in citations to the employer.

(h) For the purposes of OAR 437-004-1120, labor contractors as defined in ORS 658.405 are employers.

**(2) These rules do not apply to:**

(a) hotels or motels that provide similar housing commercially to the public on the same terms as they do to workers.

(b) accommodations subject to licensing as manufactured dwelling parks, organizational camps, traveler's accommodations or recreation vehicle parks and open to the general public on the same terms.

(c) manufactured homes or dwellings being moved regularly from place to place because of the work when at parks or camps meant for parking mobile vehicles and open to the general public on the same terms.

(3) Charging occupants for required services. Operators may not charge for services required by this rule (OAR 437-004-1120). This prohibits pay-per-use toilets, pay-per-use bathing facilities or any other method of paying for individual service requirements.

**(4) Definitions.**

- (a) Clean means the absence of soil or dirt or removal of soil or dirt by washing, sweeping, clearing away, or any method appropriate to the material at hand.
- (b) Common use facilities are those for use by occupants of more than one housing unit or by occupants of dormitory-style housing.
- (c) Common use cooking and eating facility is a shared area for occupants to store, prepare, cook, and eat their own food.
- (d) Dining hall is an eating place with food furnished by and prepared under the direction of the operator for consumption, with or without charge, of the occupants.
- (e) Facility means a living area, drinking water installation, toilet installation, sewage disposal installation, food handling installation, or other installation required for compliance with the labor housing and related facility rules.
- (f) Garbage means food wastes, food packaging materials or any refuse that has been in contact with food stuffs.
- (g) Housing site is a place where there are living areas.
- (h) Livestock operation is any place, establishment or facility with pens or other enclosures in which livestock is kept for purposes including, but not limited to, feeding, milking, slaughter, watering, weighing, sorting, receiving, and shipping. Livestock operations include, among other things, dairy farms, corrals, slaughterhouses, feedlots, and stockyards. Operations where livestock can roam on a pasture over a distance are outside this definition.
- (i) Living area is any room, structure, shelter, tent, manufactured home or dwelling or prefabricated structure, vehicle or other place housing one or more persons.
- (j) Manufactured dwelling is a residential trailer, built before January 1, 1962, for movement on the highway, that has sleeping, cooking and plumbing facilities; or, a mobile home, constructed for movement on the highway, that has sleeping, cooking and plumbing facilities, built between January 1, 1962 and June 15, 1976 and meeting the requirements of Oregon mobile home law in effect at the time of construction.
- (k) Manufactured home is a structure built for movement on the highway that has sleeping, cooking and plumbing facilities and is used as a residence. Built on or after June 15, 1976 to comply with federal manufactured housing standards and regulations in effect at the time of construction. More information on these definitions is in ORS 446.003(26).
- (l) Operator means any person or company that operates labor housing and/or related facilities.
- (m) Potable water is water meeting the bacteriological and other requirements of the Public Health Division of the Oregon Department of Human Services.
- (n) Prefabricated structure means a building or subassembly which has been in whole or substantial part manufactured or assembled using closed construction at an off-site location to be wholly or partially assembled on-site; but does not include a manufactured home or dwelling. Prefabricated structures are manufactured in accordance with the Oregon state building code and rules adopted by the Building Codes Division of the Oregon Department of Consumer and Business Services in OAR 918-674.
- (o) Privy is the same as outhouse or pit toilet but is not the same as portable toilets.
- (p) Recyclable material means containers that are returnable for refund of a deposit or materials gathered as part of a recycling program.
- (q) Refuse includes waste materials such as paper, metal, discarded items, as well as debris, litter and trash.
- (r) Sanitary means free from agents that may be injurious to health.
- (s) Sewage means the water-carried human and animal wastes, including kitchen, bath, and laundry wastes from residences, buildings, industrial establishments, or other places, together with such ground-water infiltration, surface waters, or industrial wastes as may be present.
- (t) Toilet room is a room in or on the premises of any labor housing, with toilet facilities for use by employees and occupants of that housing.
- (5) Housing registration requirements.
- (a) ORS 658.705 requires the operator of Agricultural Labor Housing and Related Facilities to register such housing with Oregon OSHA as in (b) below, except the following:

- (A) Housing occupied solely by members of the same family,
  - (B) Housing occupied by five or fewer unrelated persons, and
  - (C) Housing on operations that do not produce or harvest farm crops (Oregon OSHA considers "production of crops" to mean production of farm crops for sale").
- (b) Each year, before occupancy, the operator or employer must register agricultural labor housing and related facilities with Oregon OSHA as set out below.
- (A) The operator must contact Oregon OSHA at least 45 days before the first day of operation or occupancy of the housing and related facilities. Instructions and additional information will come later by mail.
  - (B) If the housing and related facilities were not registered in the previous year, the operator must call Oregon OSHA to request a consultation visit to the housing. Oregon OSHA will register housing and related facilities not previously registered only after a pre-occupancy consultation that finds the housing or facility to be substantially in compliance with all applicable safety and health rules.
  - (C) If there were significant changes in the circumstances of the housing or facilities since the last registration, Oregon OSHA may, at its discretion, refer the employer for a consultation prior to re-registering the housing and facilities.
  - (D) Once registered, the operator must display the registration certificate provided by Oregon OSHA in a place frequented by employees. The operator must also provide and display a translation of the certificate in the language or languages used to communicate with employees.
- (c) The Director of the Department of Consumer and Business Services or designee may revoke a labor housing and related facilities registration if Oregon OSHA determines that any of the following apply:
- (A) The application had any negligent or willful material misrepresentation, or false statement.
  - (B) The conditions under which the registration was accepted no longer exist or have changed.
  - (C) The housing and related facilities are not substantially in compliance with the applicable safety and health rules.
- (d) When Oregon OSHA revokes the registration of agricultural labor housing and related facilities, operators or their agents have 30 days to file a written appeal. On receipt of such appeal, the Director of the Department of Consumer and Business Services will hold a contested case hearing on that appeal under ORS 183.413, et seq.
- (e) Any group or individual may protest the proposed registration, continued registration or renewal of any labor housing and related facilities registration under the following conditions:
- (A) The signed and dated protest must be submitted in writing and received by the Director before issuance of the registration or renewal.
  - (B) The protest must include the name, address and phone number of the individual or group filing it.
  - (C) The protest must clearly identify which housing and related facilities is the subject of the protest, including the exact physical location and name of the applicant.
  - (D) The protest must clearly state the facts and reasons for the protest. Such facts and reasons must be based on factors that are within the scope of ORS 654, 658.705 through 658.850 and any relevant regulations.
- (E) When the above provisions are met, such group or individual may participate in the contested case as a party or limited party under OAR 137-003-0005.
- (6) Site requirements:
- (a) The grounds of labor housing and related facilities must be substantially free from waste water, sewage, garbage, recyclable material, refuse or noxious plants such as poison oak and poison ivy.
  - (b) During housing occupancy, grass, weeds and brush must be cut back at least 30 feet from buildings.
  - (c) All housing site land must have adequate drainage. The site must not be subject to flooding when occupied.
  - (d) Adequately dispose of the waste water and food waste under outside water hydrants.
  - (e) The operator of labor housing is responsible for the maintenance and operation of the housing and its facilities.
  - (f) Store all toxic materials such as pesticides, fertilizers, paints and solvents in a safe place.
  - (g) Do not leave empty pesticide containers such as drums, bags, cans, or bottles in the housing area.
  - (h) Prevent or control the breeding of mosquitoes, flies, and rodents in the immediate housing area and within 200 feet of any labor housing and related facilities owned or under lawful control or supervision of the operator.

(i) Do not locate labor housing within 500 feet of livestock operations unless the employees in the housing are employed to tend or otherwise work with the animals.

NOTE: This does not apply to animals owned by the housing occupants.

(j) Provide electricity to all housing units and related facilities. Subdivision 4/S, Electricity applies to ALH.

(k) Extension cords or plug strips must have circuit breaker or fuse protection either as part of the set or part of the building wiring.

(l) Facilities built or remodeled before December 15, 1989, must have a ceiling or wall-type electric light fixture in working order and at least one wall-type electrical outlet in every living area. Facilities built or remodeled after that date must comply with the code in effect at the time of construction or remodeling.

(m) Provide a ceiling or wall-type electric light in toilet rooms, lavatories, shower or bathing rooms, laundry rooms, hallways, stairways, the common eating area or other hazardous dark areas.

(n) Light privies either directly or indirectly from an outside light source.

(o) Provide enough light in corridors and walkways to allow safe travel at night.

(p) Each housing site must have its street numbers displayed to be easily visible to responding emergency vehicles on public highways or roads.

(q) The lowest point of wooden floor structures must be at least 12 inches above ground.

(7) Water supply.

(a) All domestic water furnished at labor housing and related facilities must conform to the standards of the Public Health Division of the Oregon Department of Human Services.

(A) The site water system must supply at least 15 psi at the outlet end of all water lines regardless of the number of outlets in use.

(b) Have a bacteriological analysis done on the water before occupancy and as often as needed to assure a potable water supply, except when the water comes from a community water system.

(c) Provide enough potable water in the labor housing area for drinking, hand washing, bathing and domestic use. An ample supply is at least 35 gallons of water per day per occupant.

(d) Arrange, construct and if necessary, periodically disinfect the water storage and distribution facilities to satisfactorily protect the water from contamination. Install all new plumbing in labor housing and related facilities to comply with the Oregon state building code.

(e) When potable water is not available in each dwelling unit, there must be a potable water source within 100 feet of each unit and there must be a working, clean drinking fountain for each 100 occupants or fraction thereof.

(f) Post as, "Unsafe for drinking," non-potable water that is accessible to occupants. The posting must be in the language of the camp occupants or with a universal symbol.

(g) Portable water containers with spigots and tight fitting lids are acceptable for providing and storing drinking water in the housing.

(A) These containers must be made of impervious non-toxic materials that protect the water from contamination.

(B) Wash and sanitize them at least every 7 days.

(h) Do not use containers such as barrels, pails or tanks that require dipping or pouring to get the water.

(i) Do not use cups, dippers or other utensils for common drinking purposes.

(j) Do not allow cross connection between a system furnishing water for drinking purposes and a non-potable supply.

(8) Bathing, hand washing, laundry, and toilet facilities — General.

(a) Provide an adequate supply of hot and cold water under pressure for all common use bathing, hand washing, and laundry facilities at all labor housing and related facilities.

(b) In installations with bathing, laundry facilities, or flush toilets, the floor and walls must be of readily cleanable finish and impervious to moisture.

(c) All common use bathing, hand washing, and laundry facilities must be clean, sanitary and operating properly.

(d) Buildings for common use bathing, hand washing, laundry, and toilet facilities must have heating capable of keeping the facility at 68 degrees or more during use.

(9) Bathing facilities.

(a) Provide drains in all showers to remove waste water. Slope floors so they drain. Do not use slippery materials for flooring.

NOTE: Paragraph (b) is effective April 1, 2009. Until then the old ratio of 1 to 15 applies.

(b) Provide at least one shower head with hot and cold water under pressure for every 10 occupants or fraction thereof.

(A) Unisex shower rooms are acceptable in the same ratios. They must have working locks and provide privacy.

(c) Separate common use bathing facilities used for both sexes in the same building by a solid, non-absorbent wall extending from the floor to the ceiling.

(d) Mark separate sex bathing facilities, if provided, with "women" and "men" in English and in the native language of employees expected to occupy the housing or with easily understood pictures or symbols.

(10) Hand washing facilities.

NOTE: Paragraph (a) is effective April 1, 2009. Until then the old ratio of 1 to 15 applies.

(a) Provide at least one hand washing sink or basin with hot and cold water under pressure for every 6 occupants or fraction thereof. Each 24 linear inches of "trough" type sink with individual faucets counts as one basin. When each living unit does not have hand washing facilities, locate common use facilities either close to the toilet facilities or close to the sleeping places.

(b) In common use facilities, do not use a single common towel. If you provide paper towels, there must be a container for their disposal.

(11) Laundry facilities.

NOTE: Paragraph (a) is effective April 1, 2009. Until then the old rule applies which reads: 437-004-1120(11)

(a) When public laundry and drying facilities are not available within 5 miles, the housing must have readily accessible laundry and drying facilities.

(b) Laundry facilities in the housing area must have trays or tubs, plumbed with hot and cold water in the ratio of 1 for each 25 occupants.

(c) Mechanical washers are optional in the ratio of 1 to 50 occupants with one laundry tray per 100 occupants.

(d) Provide laundry trays, tubs, or machines with plumbed hot and cold water in the combined ratio of 1 for each 30 occupants or each part of 30.

(e) Provide clothes lines or drying facilities to serve the needs of the occupants.

(f) Laundry rooms must have drains to remove waste water.

(g) Each common use laundry room must have a slop sink.

(12) Toilet facilities.

(a) Locate toilet facilities in labor housing and related facilities within 200 feet from the living area that they serve.

(b) Locate toilets, chemical toilets, or urinals in rooms built for that purpose.

(c) Maintain a usable, unobstructed path or walkway free of weeds, debris, holes or standing water from each living area to the common use toilet facilities.

(d) Provide at least one toilet for every 15 occupants or fraction thereof for each gender in the labor housing. Toilets must assure privacy:

(A) If urinals are in the toilet facility and where three or more toilets are required for men, one urinal substitutes for one toilet (24 inches of trough-type urinal equals one urinal), to a maximum of one-third of the total required toilets.

(B) Existing urinals must be non-absorbent, non-corrosive materials that have a smooth and cleanable finish. Urinals installed after the effective date of this standard must meet Oregon state building code.

(C) If there are no common use toilet facilities, calculate the required ratio without regard to gender.

(e) Clean common use toilet facilities daily or more often when needed to maintain sanitation.

(f) Mark separate sex toilet facilities, when provided, with "women" and "men" in English and in the native language of employees expected to occupy the housing or with easily understood pictures or symbols.

(g) Ventilate all labor housing toilet rooms according to the Oregon state building code.

(h) Separate common use toilet facilities used for both sexes in the same building by a solid, non-absorbent wall

extending from the floor to the ceiling.

(i) Install privacy partitions between each individual toilet or toilet seat in multiple toilet facilities. The partitions may be less than the height of the room walls:

(A) The top of the partition must be not less than 6 feet from the floor and the bottom of the partition not more than 1-foot from the floor. The width of the partition must extend at least 1 1/2 feet beyond the front of the toilet seat.

(B) Provide a door or curtain so the toilet compartment is private.

(j) Provide common use toilet facilities with toilet paper and holders or dispensers. Also provide disposal containers with lids.

(k) Do not allow obstruction of the path or access to a toilet room. If access is through another room, that room must not be lockable.

(13) Portable toilets, chemical toilets and privies.

(a) The location and construction of privies must conform to Oregon Department of Environmental Quality standards.

(b) Privies must be at least 100 feet from any living area or any facility where food is prepared or served.

(c) Portable toilets and privies must have adequate lighting.

(d) When in use, service portable and chemical toilets at least weekly or often enough to keep them from becoming a health hazard. Clean portable toilets, chemical toilets and privies at least daily.

(14) Sewage disposal and plumbing.

(a) Connect the sewer lines from the labor housing and related facilities to a community sewer system, a septic tank with subsurface disposal of the effluent, pit type privies or other sanitary means conforming to Department of Environmental Quality standards.

(b) Install all plumbing in labor housing and related facilities to comply with Department of Environmental Quality standards and the Oregon state building code.

(15) Garbage and refuse disposal outside of buildings.

NOTE: Recyclable material is not garbage or refuse referred to in this section (15).

(a) Keep refuse and garbage containers clean and in good repair.

(b) Provide at least one 30-gallon or larger container per 15 occupants. Containers must be inside the housing site area and accessible to all occupants.

(c) Empty garbage bins and dumpsters at least weekly during use, but always before they become a health hazard or full enough to interfere with full closing of the lid.

(d) Empty common use cans and portable containers into a bin or dumpster, when full or twice weekly whichever is more frequent. Do not allow garbage on the ground.

(e) Keep all refuse and garbage containers covered and the garbage storage area clean to control flies and rodents.

(f) Do not burn any food, garbage or wet refuse.

(g) Dispose of garbage and refuse according to Department of Environmental Quality standards that govern the disposal of garbage, refuse and other solid wastes.

(16) Living areas.

(a) Keep all living areas, safe and in good repair structurally and stable on their foundations. They must provide shelter for the occupants against the elements and protect the occupants from ground and surface water as well as rodents and insects.

(b) The walls and roof must be tight and solid. Floors must be rigid and durable, with a smooth and cleanable finish in good repair.

(c) For living areas without a working permanent heating system or heaters, the ALH operator must supply portable heaters at no cost to the occupant. These heaters must be capable of keeping the temperature in the living area at a minimum of 68 degrees. Heaters must meet these requirements:

(A) Operate by electricity only.

(B) Have working safety devices installed by the manufacturer for the particular type heater.

(C) Be in good working order with no defects or alterations that make them unsafe.

(d) Permanently installed solid fuel or gas fired heaters must meet the following:

(A) Install and vent any stoves or other sources of heat that use combustible fuel to prevent fire hazards and dangerous concentration of gases:

(i) Solid or liquid fuel heaters or stoves installed on or before December 15, 1989, must sit on a concrete slab, insulated metal sheet or other fire resistant material when used in a room with wood or other combustible flooring. Extend it at least 18 inches beyond the perimeter of the base of the stove.

(ii) Solid or liquid fuel heaters or stoves must meet the manufacturer's specifications and the Oregon state building code in effect at the time of installation.

(B) Install fire resistant material on any wall or ceiling within 18 inches of a solid or liquid fuel stove or a stove pipe. Provide a vented metal collar around the stovepipe, or vent passing through a wall, ceiling, floor or roof or combustible material.

(C) Heating systems with automatic controls must cut off the fuel supply on failure or interruption of the flame or ignition, or when they exceed a pre-determined safe temperature or pressure.

(D) All gas appliances and gas piping must comply with the Oregon state building code in effect at time of installation and the manufacturer's instructions.

(E) Do not locate stoves so they block escape from a sleeping place.

(e) Provide screens of at least 16 mesh on the doors and windows of the living area. All screen doors must be tight-fitting, in good repair, and self-closing.

(f) Provide beds, bunks or cots for each occupant and suitable storage facilities, such as wall cabinets or shelves, for each occupant or family unit.

(A) The camp operator must provide a mattress or pad for each bed or bunk.

(i) If you provide foam pads, they must be thicker than 2 inches.

(ii) Do not provide uncovered foam pads.

(iii) Mattresses or pads must not sit on the floor.

(iv) The sleeping surface must be at least 12 inches above the floor.

(g) Mattresses or pads furnished by the camp operator must be clean, in good repair, and free from insects and parasites.

(A) Fumigate mattresses or pads, used uncovered, or treat with an effective insecticide before each season's occupancy. If you provide covers, clean them before each season's occupancy.

(B) Store mattresses or pads in a clean, dry place.

(h) Space the beds, bunks or cots so that there is enough room to allow for rapid and safe exiting during an emergency.

NOTE: Do not count children 2 years old and younger when calculating square footage requirements in paragraphs (i), (j), (k), and (l).

(i) In living areas built after August 1, 1975, where workers cook, live, and sleep, provide at least 100 square feet per occupant.

(j) In living areas built before August 1, 1975, where workers cook, live and sleep, provide at least 60 square feet per occupant.

(k) Each sleeping room without double bunk beds must have at least 50 square feet of floor space per employee. Where there are double bunk beds, provide 40 square feet per occupant. Do not use triple bunks.

(l) Beginning on January 1, 2018 all agricultural labor housing, where workers cook, live and sleep in the same area, must provide 100 square feet per occupant.

(m) For units built after April 3, 1980 at least one-half the required floor space in each living area must have a minimum ceiling height of 7 feet. Floor space with a ceiling height less than 5 feet does not count toward the minimum required floor space.

(n) Beginning on January 1, 2018 only areas with a 7 foot ceiling height will count toward the required square footage of any living or sleeping area. Housing built or remodeled between January 26, 2009 and January 1, 2018 must have minimum 7 foot high ceilings for the space to count toward any required square footage.

(o) Provide separate private sleeping areas for unrelated persons of each sex and for each family unit.

NOTE: Paragraph (p) is effective April 1, 2009.

(p) Provide windows or skylights with a total area equal to at least 10 percent of the required floor area. At least one-half (nominal) the total required window or skylight area must be openable to the outside. Adequate mechanical ventilation may substitute for openable window space. Not more than one-half the required space can be met with skylights. Openable, screened windows in doors count toward this requirement.

(q) Before occupancy clean all living areas and eliminate any rodents, insects, and animal parasites.

(17) Fire protection.

(a) All fires must be in equipment designed for that use. Do not allow open fires within 25 feet of structures.

(b) Each season, at the time of initial occupancy, each living area must have a working approved smoke detector.

NOTE: The camp operator is not responsible for daily maintenance of the detector or the actions of occupants that defeat its function.

(c) Provide fire extinguishing equipment in a readily accessible place, not more than 50 feet from each housing unit. The equipment must provide protection equal to a 2A:10BC rated extinguisher.

NOTE: Hoses are acceptable substitutes for extinguishers only if the water supply is constant and reliable. Hoses must be immediately available for firefighting use.

(d) All living areas with more than one room, built before December 15, 1989, with one door, must have, in addition to a door, a window in each sleeping room that can be an exit in case of fire:

(A) This window must have an openable space at least 24 inches by 24 inches, nominal.

(B) The lowest portion of the opening must be less than 48 inches above the floor.

(C) This window must open directly to the outdoors and be readily openable by the occupants from inside without breaking the glass.

(D) Label the escape window as an emergency exit.

(e) Living areas built on or after December 15, 1989, must meet the requirements for emergency exits in applicable rules of the Building Codes Division of the Oregon Department of Consumer and Business Services, including the following:

(E) Required emergency exit windows in sleeping rooms must have a clear net opening of at least 5.7 square feet, minimum vertical opening of 22 inches and minimum horizontal opening of 20 inches.

NOTE: Construct and maintain all living areas in labor housing and related facilities to comply with other applicable local and state laws and regulations in effect at the time of construction or remodel.

(f) A second story must have at least two exits when its occupant load is 10 or more. Comply with the Oregon state building code.

(g) Occupants on floors above the second story and in basements must have access to at least two separate exits from the floor or basement as required by the Oregon state building code.

(18) Common use cooking and eating facilities and equipment.

(a) When provided, common use cooking or food preparation facilities or equipment must have the following:

(A) A gas or electric refrigerator, capable of keeping food at or below 41 degrees F.

(B) A minimum equivalent of two cooking burners for every 10 persons or part thereof, or 2 families, whichever requires the most burners.

(i) If a gas or electric hotplate or wood stove is within 18 inches of a wall, that wall must be made of or finished with smooth cleanable, nonabsorbent, grease-resistant and fire-resistant material.

NOTE: Labeled and listed appliances are exempt from the 18-inch requirement when installed according to their listing.

(C) No liquid petroleum gas (LPG like propane) tanks in use inside any occupied building. Outside tanks must connect to appliances with lines approved for that purpose.

(D) Food storage shelves, food preparation areas, food contact surfaces and floors in food preparation and serving areas must be made of or finished with smooth, non-absorbent, cleanable material; and

(E) A table and chairs or equivalent seating and eating arrangements to accommodate the number of occupants living in the sleeping place.

- (b) Refrigerators and stoves or hot plates must always be in working condition.
- (c) Clean the facilities and equipment before each occupancy.
- (d) Common use kitchen and dining areas must be separate from all sleeping quarters. There can be no direct opening between kitchen or dining areas and any living or sleeping area.
- (e) If the operator becomes aware of or has reason to suspect that anybody preparing, cooking or serving food has a communicable disease as listed in paragraph (22), the operator must bar them from the cooking facility until the disease is no longer communicable.
- (f) Buildings must have heating capable of keeping the facility at 68 degrees or more during use.
- (g) Facilities must be in buildings or shelters. Doors, windows and openings, if any, must have screens of 16 mesh or smaller.

(19) Dining halls and equipment.

- (a) When provided, dining halls or equipment must have the following:
    - (A) A gas or electric refrigerator, capable of keeping food at or below 41 degrees F.
    - (B) A minimum equivalent of two cooking burners for every 10 persons or part thereof, 2 families, whichever requires the most burners.
    - (i) If a gas or electric hotplate or wood stove is within 18 inches of a wall, that wall must be made of or finished with smooth cleanable, nonabsorbent, grease-resistant and fire resistant material.
- NOTE: Labeled and listed appliances are exempt from the 18-inch requirement when installed according to their listing.
- (C) No liquid petroleum gas (LPG like propane) tanks in use inside any occupied building. Outside tanks must connect to appliances with lines approved for that purpose.
  - (D) Food storage shelves, food preparation areas, food contact surfaces and floors in food preparation and serving areas must be made of or finished with smooth, non-absorbent, cleanable material; and
  - (E) A table and chairs or equivalent seating and eating arrangements to accommodate the number of occupants living in the sleeping place.

- (b) Refrigerators and stoves or hot plates must always be in working condition.
- (c) Clean the facilities and equipment before each occupancy.
- (d) Common use kitchen and dining areas must be separate from all sleeping quarters. There can be no direct opening between kitchen or dining areas and any living or sleeping area.
- (e) If the operator becomes aware of or has reason to suspect that anybody preparing, cooking or serving food has a communicable disease as listed in paragraph (22), the operator must bar them from the cooking facility until the disease is no longer communicable.
- (f) Buildings must have heating capable of keeping the facility at 68 degrees or more during use.
- (g) The facility must comply with the 2005 edition of the FDA Food Code.

NOTE: Follow Division 4, Agriculture when it differs from the FDA Food Code. The code is available at: <https://www.fda.gov/food/fda-food-code/food-code-2005> or contact the Oregon OSHA Resource Center at 800-922-2689 or in Salem 503-378-3272.

- (h) Facilities must be in buildings or shelters. Doors, windows and openings, if any, must have screens of 16 mesh or smaller.

(20) Single unit cooking facilities.

- (a) When provided, single unit cooking, eating and dining facilities or equipment must have the following:
    - (A) A gas or electric refrigerator, capable of keeping food at or below 41 degrees F.
    - (B) A minimum equivalent of two burners for cooking for every 10 persons or part thereof, or 2 families, whichever requires the most burners.
    - (i) If a gas or electric hotplate or wood stove is within 18 inches of a wall, that wall must be made of or finished with smooth cleanable, nonabsorbent, grease-resistant and fire resistant material.
- NOTE: Labeled and listed appliances are exempt from the 18-inch requirement when installed according to their listing.
- (C) No liquid petroleum gas (LPG like propane) tanks in use inside. Outside tanks must connect to appliances with lines

approved for that purpose.

(D) Food storage shelves, food preparation areas, food contact surfaces and floors in food preparation and serving areas made of or finished with smooth, non-absorbent, cleanable material.

(E) A table and chairs or equivalent seating and eating arrangements to accommodate the number of occupants living in the sleeping place.

(F) A refrigerator and stove or hot plate in working condition.

(b) Clean the facilities before each occupancy.

(21) First aid. OAR 437-004-1305, Medical and First Aid, applies to all labor housing and related facilities. This rule includes requirements for first aid supplies, an emergency medical plan and a plan of communication.

NOTE: Division 4/K requires all employees know about the first aid requirements and emergency medical plans. If employees' native language is other than English, this must be taken into account in meeting this requirement.

(22) Disease Reporting. The camp operator must comply with OAR 333-018-0000, Who Must Report and 333-018-0015, What To Report And When: 333-018-0000 Who Must Report.

(23) Each Health Care Provider knowing of or attending a case or suspected case of any of the diseases, infections, or conditions listed in OAR 333-018-0015 shall report such cases as specified. Where no Health Care Provider is in attendance, any individual knowing of such a case shall report in a similar manner. 333-018-0015 What to Report and When.

(24) Reportable diseases, infections, microorganisms, and conditions, and the time frames within which they must be reported are as follows:

(a) Immediately, day or night: Bacillus anthracis (anthrax); Clostridium botulinum (botulism); Corynebacterium diphtheriae (diphtheria); Severe Acute Respiratory Syndrome (SARS) and infection by SARS-coronavirus; Yersinia pestis (plague); intoxication caused by marine microorganisms or their byproducts (for example, paralytic shellfish poisoning, domoic acid intoxication, ciguatera, scombroid); any known or suspected common-source Outbreaks; any Uncommon Illness of Potential Public Health Significance.

(b) Within 24 hours (including weekends and holidays): Haemophilus influenzae (any invasive disease; for laboratories, any isolation or identification from a normally sterile site); measles (rubeola); Neisseria meningitidis (any invasive disease; for laboratories, any isolation or identification from a normally sterile site); Pesticide Poisoning; poliomyelitis; rabies (human or animal); rubella; Vibrio (all species).

(c) Within one Local Public Health Authority working day: Bordetella pertussis (pertussis); Borrelia (relapsing fever, Lyme disease); Brucella (brucellosis); Campylobacter (campylobacteriosis); Chlamydia (Chlamydia) psittaci (psittacosis); Chlamydia trachomatis (chlamydiosis; lymphogranuloma venereum); Clostridium tetani (tetanus); Coxiella burnetii (Q fever); Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies; Cryptosporidium (cryptosporidiosis); Cyclospora cayetanensis (cyclosporiasis); Escherichia coli (Shiga-toxigenic, including E. coli O157 and other serogroups); Francisella tularensis (tularemia); Giardia (giardiasis); Haemophilus ducreyi (chancroid); hantavirus; hepatitis A; hepatitis B (acute or chronic infection); hepatitis C; hepatitis D (delta); HIV infection (does not apply to anonymous testing) and AIDS; Legionella (legionellosis); Leptospira (leptospirosis); Listeria monocytogenes (listeriosis); mumps; Mycobacterium tuberculosis and M. bovis (tuberculosis); Neisseria gonorrhoeae (gonococcal infections); pelvic inflammatory disease (acute, non-gonococcal); Plasmodium (malaria); Rickettsia (all species: Rocky Mountain spotted fever, typhus, others); Salmonella (salmonellosis, including typhoid); Shigella (shigellosis); Taenia solium (including cysticercosis and undifferentiated Taenia infections); Treponema pallidum (syphilis); Trichinella (trichinosis); Yersinia (other than pestis); any infection that is typically arthropod vector-borne (for example: Western equine encephalitis, Eastern equine encephalitis, St. Louis encephalitis, dengue, West Nile fever, yellow fever, California encephalitis, ehrlichiosis, babesiosis, Kyasanur Forest disease, Colorado tick fever, etc.); human bites by any other mammal; CD4 cell count < 200/mm<sup>3</sup> or CD4 proportion of total lymphocytes < 14%; hemolytic uremic syndrome.

(d) Within 7 days: Suspected Lead Poisoning (for laboratories; this includes all blood lead tests performed on persons with suspected lead poisoning).

(25) Access to ORS and OAR. Those wishing access to any of the Oregon Revised Statutes (ORS) or Oregon

Administrative Rules (OAR) referenced here, may contact the Oregon OSHA Resource Center in Salem or the nearest Oregon OSHA Field Office.

(26) Closure and alternative housing:

- (a) The operator of agricultural labor housing must provide replacement lodging without charge to the occupants if a government agency with the authority to enforce building, health or safety standards declares the housing or facilities to be uninhabitable and orders them vacated.
- (b) The operator must provide replacement lodging for 7 consecutive days from the time the housing was closed or until the closing agency allows the original housing to reopen, whichever is shorter.
- (c) Replacement lodging must meet or exceed the health and safety standards of Oregon OSHA. Oregon OSHA must approve the location of the replacement housing before employees are sent to it.
- (d) Operators must arrange for replacement lodging not later than the end of the day the original housing closes or another date designated by the closing agency.
- (e) Post the address of the replacement housing:
  - (A) Not later than the end of the day the original housing closes.
  - (B) In a place convenient to affected workers.
  - (C) In all languages spoken by the occupants.
- (f) The posting in (e) above must state that the replacement housing is free to occupants of the closed housing.
- (g) The operator must give Oregon OSHA a list of names of the occupants and the location of the replacement housing, for each.
- (h) When the cause of the closure is beyond the control of the agricultural labor housing operator, sections (a), (b), (c), (d), (e) and (g) above do not apply. To determine whether the cause of closure was beyond the control of the operator, Oregon OSHA will consider these circumstances, including but not limited to:
  - (A) Whether the cause of the closure is a natural disaster;
  - (B) Whether the circumstances leading to the closure were known or should have been known to the operator;
  - (C) Whether operator diligence could have avoided the circumstances leading to the closure.
- (i) Agricultural labor housing occupants entitled to temporary replacement housing under this rule must accept or reject that housing when the original housing closes. These rules do not obligate operators to reimburse displaced occupants for housing they obtain without the operator's knowledge or consent.
  - (A) The operator is responsible for replacement lodging only for as many people as occupied the original closed housing. When an occupant rejects the replacement housing, the operator has no obligation to reimburse that occupant for other replacement housing.
- (j) Oregon OSHA may issue a citation and assess a monetary penalty for violation of these rules as in ORS 654.071 and 654.086.

(27) Heat in Labor Housing:

- (a) Cooling Areas. If rooms where people sleep are not able to maintain an indoor temperature of 78 degrees Fahrenheit or less (using air conditioners, evaporative coolers, air purifiers with coolers, or other reliable means), employers must provide an area(s) for occupants to cool off whenever the heat index outside the housing units is at or above 80 degrees Fahrenheit. The cooling area(s) must be large enough to allow use by at least 50% of the occupants at the labor housing at any one time and must use either or any combination of the following two approaches:
  - (A) Giving occupants continual access to one or more common rooms that are maintained at or below a temperature of 78 degrees Fahrenheit (using air conditioners, evaporative coolers, air purifiers with coolers, or other reliable means). This can be done by making use of existing common rooms, otherwise unused housing units, or other available indoor spaces that do not present additional risks to the occupants.
  - (B) Giving occupants continual access to outdoor rest areas (located away from work areas or activities that could create a hazard). The rest areas must:
    - (i) Be shaded by any natural or artificial means, so that occupants can sit or stand in a normal posture fully in the shade;
    - (ii) Provide water misters, cooling vests, cooling towels, or equally effective means of relief. If relying upon items that

can only be used by one individual at a time, enough must be provided to satisfy the 50% requirement and they must not be shared without being washed.

(iii) Locate available chairs, benches, and other seating in a manner that encourages use.

Note: Although employers are permitted to use either or any combination of the approaches listed in (A) and (B), they are encouraged to provide at least some of the required space using the methods listed in (A).

(b) Minimizing Heat in Housing Units. If rooms where people sleep are not able to maintain an indoor temperature of 78 degrees Fahrenheit or less (using air conditioners, evaporative coolers, air purifiers with coolers, or other reliable means), employers must take the following steps:

(A) Optimize the ability to keep housing cool by ensuring that windows can be protected from direct sunlight in a manner that minimizes radiant heat during all hours of the day, whether through the use of natural or artificial shade, the provision of window coverings must deflect the sun and not simply absorb the heat, or other equally effective measures. Such measures must not interfere with the ability to open and close windows or create another hazard.

(B) Make fans available at no cost for any housing occupants who wish to use them.

(c) Temperature Awareness. To ensure that housing occupants can remain aware of the effects of heat on the indoor environment, both immediately and on an ongoing basis, employers must provide a thermometer that displays the temperature in both Fahrenheit and Celsius in each individual housing unit. Employers are encouraged, but not required, to provide a device that also measures humidity.

(d) Employee and Occupant Information. In addition to ensuring that employees have received the training required by OAR 437-004-1130(5), the employer must display the "Heat Risks in Housing" poster provided by Oregon OSHA in one or more prominent locations that housing occupants would normally see and must add the necessary emergency contact information to the poster, allowing housing occupants to contact emergency services as necessary.

(e) Access to Emergency Services. Employers must ensure that occupants have access at all times to a working telephone that can be used to contact emergency services. An electronic device, such as a cell phone, may be used for this purpose only if reception in the area is reliable.

Note: Employees are protected from discrimination or retaliation under ORS 654.062(5). This includes protections for actions against employees for opposing any practice forbidden under the Oregon Safe Employment Act and related statutes and rules (including this rule), making a complaint or causing any proceeding to be instituted under the Oregon Safe Employment Act, or exercising any rights under the law, including those conferred by this rule.

STATUTORY/OTHER AUTHORITY: ORS 654.025(2), 654.035, 656.726(4)

STATUTES/OTHER IMPLEMENTED: ORS 654.001 through 654.295