Existing facilities over 200/10 are required to reduce risk over time, even if they already have Toxics Best Available Control Technology or TBACT.

For Cleaner Air Oregon, facilities would be required to assess potential health risks of emissions to their neighbors. Risk Action Levels (RALs) determine the specific actions required of facilities that pose different levels of health risk. Facilities with higher health risks would be required to take more actions to reduce risk and keep their neighbors informed. Risk Action Levels are different for new and existing facilities. The state legislature set statutory benchmark RALs through 2029. After 2029, RALs for existing facilities will be reevaluated.

### New Facility Risk Action Levels*

- **Cancer Risk**
  - 25
  - 1

- **Noncancer Risk**
  - New facilities will not receive permits above 25/1.
  - New facilities will not be eligible for a risk reduction permit. They are expected to operate with the best controls from the start.

- **Voluntary Risk Reduction OR Community Engagement**
  - 10
  - 1

- **Additional actions required as health risk increases**
  - All new facilities above 5/1 will have community engagement requirements.

- **Immediate Curtailment**
  - No new facilities will receive permits above 25/1.

### Existing Facility Risk Action Levels*

- **Cancer Risk**
  - 500
  - 20/12/4**

- **Noncancer Risk**
  - 200
  - 10/6/2**

- **Voluntary Risk Reduction OR Community Engagement**
  - 50
  - 5/3/1**

- **Mandatory Risk Reduction OR Demonstration of TBACT**
  - 25
  - 1

- **Emissions Reporting AND Screening & Risk Assessment**
  - No additional actions required for permit.

### How Risk Action Levels Work

- **Cancer Risk** is described in terms of the number of excess cancer cases in 1 million lifetimes that may be caused by long-term exposure to a specific chemical concentration.
- **Noncancer Risk** is presented as a Hazard Index and is assessed for both chronic and short term health effects (acute). A Hazard Index below 1 means the facility is below the level that is expected to harm health.

**The values 1, 2, and 4 represent Risk Determination Ratios as calculated under OAR 340-245-0200(5).**