

Changes to TRVs and RBCs

Cleaner Air Oregon

REFORMING OREGON'S INDUSTRIAL AIR QUALITY REGULATIONS

Inviting Oregonians to help create new regulations that protect what we all care about:
the health of our people, a clean environment, and the economic vitality of our
communities.

May 9th, 2018

TRVs and RBCs

TRVs Toxicity Reference Values selected from values set by authoritative agencies



Exposure duration/frequency adjustment

Early life exposure adjustment factor

Multi-pathway exposure adjustment factor

RBCs Risk Based Concentrations derived from TRVs using adjustment factors

Specific changes to TRVs and RBCs

- Corrected minor data entry and calculation errors
- Standardized how numbers are rounded
- Adjusted TRV selection to maintain consistency with ATSAC
- Adjusted default exposure duration assumptions for workers and nonresident children to be consistent with EPA protocol

Discussion

