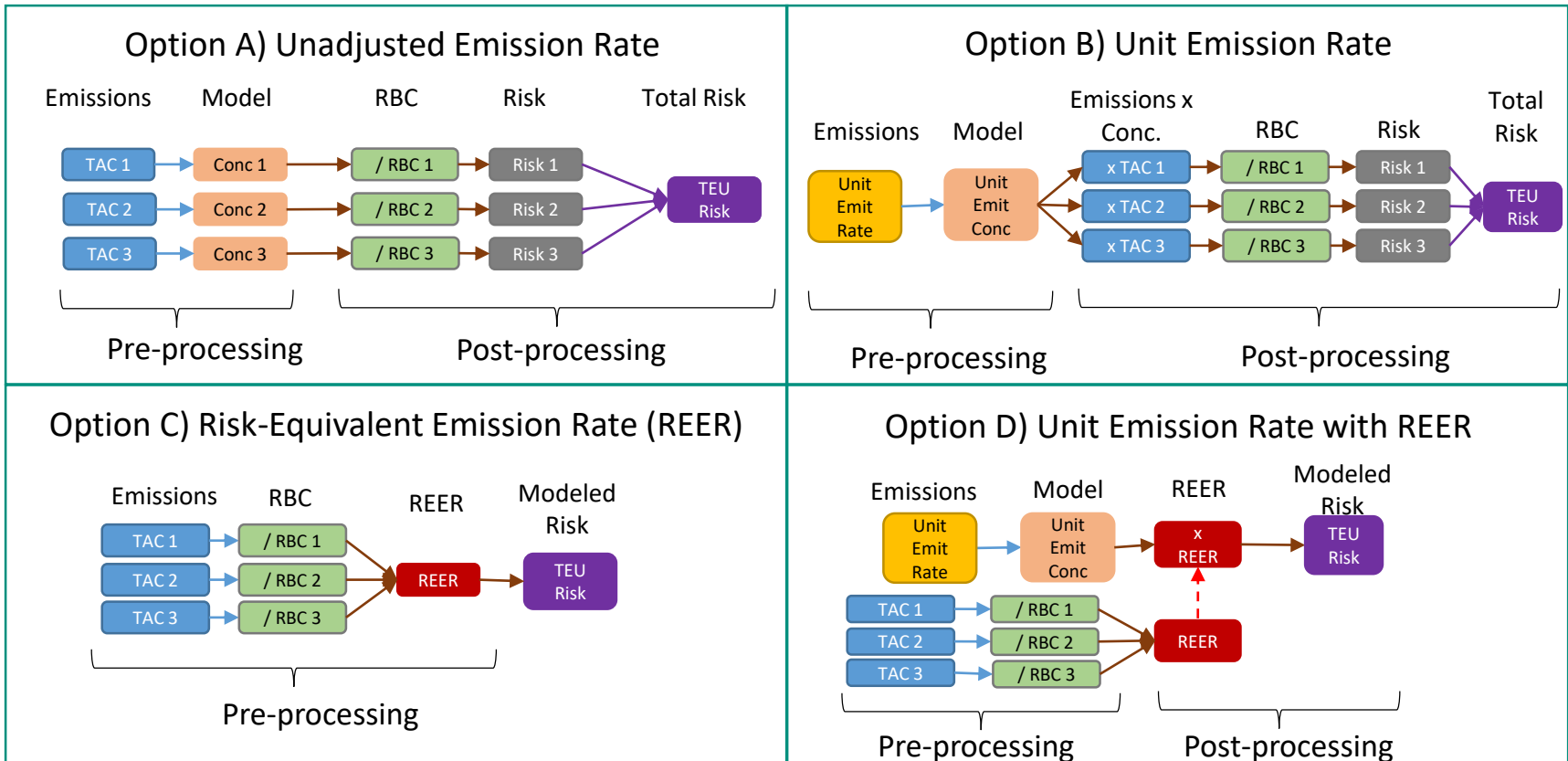




Modeling Emission Approaches

Revised On: 7/24/2020

DEQ has identified four approved methods that are mathematically equivalent ways to estimate risk from a facility which vary in pre and post-processing level of effort. When verifying reported risk results, DEQ uses the Unit Emission Rate with Risk-Equivalent Emission Rate (REER) approach. For more information on these approaches, see the Recommended Procedures documents on <https://www.oregon.gov/deq/aa/cao/Pages/CAO-Risk-Assessment-Resources.aspx>.



Definitions:
 TAC = Toxic Air Contaminant RBC = Risk-Based Concentration
 TEU = Toxics Emission Unit REER = Risk-Equivalent Emission Rate