

Certificate of Validation

by

Carbon Neutral Repair

of

'Sikkens CO2e Repair Calculator Canadian v1.1'

for

Akzo Nobel Car Refinishes BV

Carbon Neutral Repair has validated the energy & VOC CO2e emission calculations generated during a controlled '2-panel repair' using approved Sikkens products in a STL Cyclone II spray booth to GHG Protocol greenhouse gas accounting standards.

The Energy & VOC CO2e emissions were calculated across four different Sikkens approved repair processes:-

Conventional, Ambient, Infra-Red & UV

Carbon Neutral Repair has validated the Electricity Conversion Factors (ECF) for Canada and 13 Provinces to include Generation, Transmission & Distribution (T&D), WTT Generation & WTT Distribution (Well To Tank) :-

Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland & Labrador Northwest Territory, Nova Scotia, Nunavut Territory, Ontario, Prince Edward island, Quebec, Saskatchewan, Yukon Territory

Conversion Factors have been validated with CO2 emissions published by Government of Canada Emissions Factors 2023, The International Energy Agency (IEA) 2023, UK Government BEIS 2023

Carbon Neutral Repair has validated the conversion of Natural gas from cubic meters (m3) to kilowatt Hours (kWh) and validated the 13 Canadian Provinces Natural Gas CO2e Conversion Factors



Dominic Napier

Managing Director, Carbon Neutral Repair

28th September 2023

