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RESERVE

Summary of Changes from Mexico ODS Protocol V1.0 to Mexico Halocarbon Protocol V1.0

June 16, 2021

The Mexico Halocarbon Protocol Version 1.0 incorporates the following significant changes from Mexico ODS Protocol Version 1.0.

Throughout

- The term halocarbon replaced ozone depleting substances (ODS) to reflect that hydrofluorocarbons (HFCs) are not substances that damage the ozone layer
- Removed qualifier of halocarbons as “hazardous” waste

Section 2. The GHG Reduction Project

- Added new background information explaining the relevance of the Kigali Amendment for this protocol (Section 2.1.2)
- The following refrigerants were added to the list of halocarbons eligible for destruction (Section 2.3):
 - HCFC-22
 - HFC-32
 - HFC-125
 - HFC-134A
 - HFC-143A
- Incorporated HCFC and HFC eligible sources (Section 2.4)

Section 3. Eligibility Rules

- Updated the definition of the project start date to be the date on which destruction activities commence (Section 3.2)
- Added detail explaining that regulatory compliance extends to the totality of the chain of custody (from collection to disposal) (Section 3.5)

Section 4. The GHG Assessment Boundary

- Updated the sources, sinks, and reservoirs associated with halocarbon project activities

Section 5. Quantifying GHG Emission Reductions

- Updated baseline scenarios based on new eligible refrigerants and sources (Section 5.1)
- Moved to IPCC Fifth Assessment Report values for Global Warming Potentials (Section 5.1)
- The protocol now allows for the quantification of project-specific leak rates dependent on Reserve approval (Section 5.1)
- Updated HFC and HCFC-22 project substitute refrigerants and leak rate assumptions (Section 5.2.1)
- Incorporated optional default 5% discount due to vapor composition inaccuracy risk (Section 5.3)

Section 6. Project Monitoring and Operations

- Updated point of origin identification and requirements based on new eligible refrigerants and sources (Section 6.2)
- Removed requirement to export samples to the U.S. for analysis by allowing testing to be done in laboratories in Mexico that meet one of three certification requirements (Section 6.4.2)

Section 8. Verification Guidance

- Updated verification site visit requirements to require only site visits to destruction facilities once per calendar year per project developer and per verification body (Section 8.5)
- Updated Halocarbon Verification Items in Tables 8.2, 8.3, 8.4 and 8.5 (Section 8.6)

Appendices

- Updated summary of Legal Requirement Test analysis (Appendix A)
- Updated summary of Performance Standard Test analysis (Appendix B)
- Updated Halocarbon Project Diagram Sample (Appendix F)