



Ozone Depleting Substances Project Protocols Summary of Changes from V1.0 to V2.0

June 27, 2012

Revisions to the U.S. ODS Project Protocol

- Incorporated all errata and clarifications to V1.0 (as of December 15, 2011)
- Incorporated all relevant policy memos
- Expanded eligible refrigerant ODS to include CFC-13 and CFC-113 and some ODS sourced from the federal government (Section 2.3.1)
- Changed start date definition so that the project commences when project activities commence (Section 3.2)
- Expanded the scope of regulatory compliance to include all facilities involved in the project activities (Section 3.5)
- Adjusted quantification methodology to use pounds as the unit of mass, rather than metric tons, until the final step in the process (Section 5)
- Updated the baseline emission rate for CFC-115 based on changes made to the California Compliance ODS Offset Protocol (Section 5.1.1)
- Updated substitute emission factors (Section 5.2.1)
 - New market share percentages for 2012 obtained from U.S. EPA Vintaging Model
 - GWP values for substitute refrigerants now referenced from IPCC Second Assessment Report to reflect changes to the California Compliance ODS Offset Protocol
- Added new deduction to account for quantification risk due to vapor composition in certain types of ODS mixtures (Section 5.3)
- Changed definition of a stockpile to refer to a specific date (February 3, 2010) (Section 6.2)
- Added U.S. Defense Logistics Agency Disposition Services as an eligible point of origin (Section 6.2)
- Increased accuracy requirement for scale calibrations (Section 6.4 and 6.6)
- Allowed for re-sampling in situations where a sample fails to meet requirements (Section 6.6)
- Updated mixing requirements for clarity (Section 6.6.1)

- Expanded guidance for non-RCRA facilities to demonstrate compliance with TEAP requirements (Section 6.7)
- Streamlined site visit requirements to allow verification bodies to reduce the number of site visits to individual facilities (Section 8.6)
- Added additional site visit requirement (Table 8.2)
- Added definition for “generator” (Section 9)
- Updated Appendix B to reflect changes to Performance Standard (Appendix B)
- Updated substitute emission rate tables to reflect new 2012 Vintaging Model results (Appendix D)

Revisions to the Article 5 ODS Project Protocol

- Incorporated all errata and clarifications to V1.0 (as of April 3, 2012)
- Incorporated all relevant policy memos
- Changed start date definition so that the project commences when project activities commence (Section 3.2) (Section 3.2)
- Removed eligibility guidance for privately-held stockpiles of virgin refrigerant, as source is no longer eligible (Section 3.2)
- Expanded the scope of regulatory compliance to include all facilities involved in the project activities (Section 3.5)
- Adjusted quantification methodology to use pounds as the unit of mass, rather than tonnes, until the final step in the process (Section 5)
- Changed definition of refrigerant recovered from equipment at end-of-life to reference the project start date (Section 5.1)
- Added new deduction to account for quantification risk due to vapor composition in certain types of ODS mixtures (Section 5.3)
- Increased accuracy requirement for scale calibrations (Section 6.4)
- Allowed for re-sampling in situations where a sample fails the requirements (Section 6.4)
- Updated mixing requirements for clarity (Section 6.4.1)
- Expanded guidance for non-RCRA facilities to demonstrate compliance with TEAP requirements (Section 6.5)
- Streamlined site visit requirements to allow verification bodies to reduce the number of site visits to individual facilities (Section 8.6)
- Added additional site visit requirement (Table 8.2)
- Added definition for “generator” (Section 9)