

AI-001 NORTH SLOPE REFRIGERANT MANAGEMENT

Field: North Slope

Last Reviewed:
12/01/2023

Retention Code	Owner/Author	SOP No	Review Frequency
AD01	Field Environmental Coordinator	AI-001	3 years

Environmental Requirements for Handling Refrigerant

Purpose The purpose of this SOP is to ensure compliance with the U.S. Environmental Protection Agency (EPA) refrigerant management regulations (40 CFR 82).

Scope The scope of this Standard Operating Procedure (SOP) applies to:

- Refrigerant Systems < 50 lbs. of refrigerant
 - Maintaining refrigerant system
 - Servicing refrigerant system
 - Repairing refrigerant system
 - Disposing of refrigerants



CAUTION: Currently there are no refrigerant systems containing > 50 lbs. of refrigerant.

Authorized User The authorized users of this procedure are:

- ConocoPhillips Alaska North Slope Refrigerant Technicians
- ConocoPhillips Alaska North Slope Motor Vehicle Air Conditioning (MVAC) Technicians

Training Requirements The users performing this scope must meet the following training requirements:

- Be certified by an approved technician certification program
- Have records of certifications on site

Prohibitions The following is prohibited:

- Knowingly venting refrigerant
- Refrigerants listed as Class I or Class II in 40 CFR part 82 subpart A, appendix A and B cannot be used in new refrigerant systems.

Refrigerant Management Requirements

All Refrigerant and MVAC technicians must ensure the following prior to maintaining servicing, repairing, or disposing appliances:

- All refrigerant is evacuated to a recovery or recycling machine
- Ensure only EPA-certified equipment is used to maintain refrigerant components of equipment
- Maintain records of refrigerant purchases

Additional Requirements for Refrigerant Technicians

In addition to the requirements above, Refrigerant Technicians must also document the following when evacuating refrigerant from appliances:

- The location of the appliance
- The date of recovery
- The type of refrigerant recovered
- The total quantity recovered

Proposed Refrigerant System Requirements

For proposed refrigerant systems, confirm the following:

If	Then
<ul style="list-style-type: none">• Proposed refrigerant system exceeds 50 lbs.<i>or</i>• Contains a new refrigerant	Notify Environmental Coordinator immediately.
Proposed refrigerant system < 50 lbs.	Follow requirements of this procedure.