APPENDIX B: Form RTL-DS1 ESSENTIAL EQUIPMENT LIST (EEL) (see notes on next page)

__Yes or __No

GC (Tem Helium ta Columns laborator Gas sam Other mis	on-condensable tests: operature programmable with FID detector) ank, regulator, piping (as listed in current Appendix to AHRI 700 for the refrigerants chosen by the ry where a Flame Ionization Detector is required) opling valve (as needed for certain refrigerants in current Appendix to ARI 700) scellaneous accessories including syringe(s), septum, electronic integrator on standards (for each refrigerant listed on application)
Helium ta Columns where To	TCD detector) ank, regulator, piping s (as listed in current Appendix to ARI 700 for the refrigerants chosen by the laboratory CD detector is required) upling valve (as needed for certain refrigerants in current Appendix to AHRI 700) on standards (for each refrigerant listed on application)
Columns Database Glass col	as supply, regulator, piping (please specify in attachment) e/8-peak index for characterization llecting tubes on standards (for each refrigerant listed on application)
Non-Conden Calibratio	nsables Test: on standard
Goetz tuk Top loadi Boileezei Aluminun Calibratic Analytica Oven	m pan on standard
Stir plate Buret (10 Bromothy Isopropy solution, Scrubbin Moisture Tes Anode ar Generato Calibratio Oven, de	mL with 0 .05 mL graduations) ymol blue indicator solution alcohol, toluene, deionized water, alcoholic KOH (0.02 Normal), saturated silver nitrate nitric acid g bottle with fritted glass dispenser

Miscellaneous Items:
Vacuum pump
Vacuum gauges
Refrigerant hoses
Capillary tubing (for Karl Fischer analysis)
Cylinders

NOTES to Essential Equipment List (EEL)

- The EEL is a checklist of materials and equipment filled out by the applicant as a first step in the Qualification process. Each piece of equipment deemed essential for refrigerant analysis is listed with the accessories needed to use that equipment grouped under it.
- GC/MS is included as an item on the EEL for the purpose of ensuring that each applicant is capable of analyzing unknown contaminants found during GC analysis. If the applicant employs other instrumentation for the purpose of identifying unknown contaminants, the applicant shall submit an attachment (with the EEL) stating what instrumentation is utilized for this purpose. If the applicant does not have an instrument that can identify unknowns, then that applicant shall submit an attachment (with the EEL) stating the name and address of the subcontracting laboratory which performs this function for them.
- The applicant shall submit an attachment to the EEL if any "equivalent" instrumentation (other than that listed on the EEL) or methods (other than those found in the current Appendix to AHRI 700) are employed by applicant. The attachments should include a brief statement as to which equivalents are used, and what equipment or method is being replaced.
- The Laboratory shall review the EEL (with attachments) to discern whether the applicant <u>could</u> perform refrigerant analysis employing the materials and equipment found in the submitted EEL.