



July 6, 2022

KURT YEAROUS  
979 FAIRFIELD ST  
ARLINGTON, IA 50606

SUBJECT: Appliance Demanufacturing Permit Renewal Inspection –  
Kurt Yearous Facility at 982 Fairfield Street in Arlington, Iowa.  
DNR Permit #33-ADP-01-10

Dear Mr. Yearous:

Enclosed you will find a copy of the report of the inspection of your facility I conducted on June 27, 2022 . You will find the report self-explanatory. The requirements should be fulfilled by the dates written in the report.

As stated during my inspection it is critical for you to keep organized records by month and year of your appliance demanufacturing process that contain hazardous materials such as mercury, PCB's and refrigerant.

A follow-up visit after July 20, 2022 may be conducted to ensure you act on the requirements listed in the attached report.

I will copy this report to Susan Johnson, DNR- Des Moines who works with ADP permits. I understand you would like to move your operation to a new much larger building at 966 Fairfield St., Arlington, IA with much better facilities for demanufacturing appliances.

Please review this report and feel free to contact me or this office at 563/927-2640 with any questions or concerns.

Sincerely,

*Tom E. McCarthy*

**Tom McCarthy** | Environmental Specialist Senior

Field Office One

P 563-927-2640 ext. 305 | C 563-920-0923

Iowa Department of Natural Resources

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Manchester, IA 52057

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cc: File-SW/ADP/Fayette/Kurt Yearous  
Susan Johnson and Becky Joy - DNR Solid Waste via email  
Efile: 33 SW Arlington Kurt Yearous ADP 06/27/2022 ins tem

**IOWA DEPARTMENT OF NATURAL RESOURCES  
APPLIANCE DEMANUFACTURING (ADP) PERMIT INSPECTION FORM**

<b>Permit No.:</b> 33-ADP-01-10	<b>County:</b> Fayette
<b>Facility Name:</b> Kurt	<b>Facility Address:</b> 982 Fairfield Street Arlington, IA 50606
<b>Phone Number:</b> 563/633-5309	
<b>Responsible Official:</b> Kurt	<b>Mailing Address:</b> 979 Fairfield Street Arlington, IA 50606
<b>Phone Number:</b> 319-238-2825 cell	
<b>Person(s) Present:</b> 1)Kurt Yearous 2) 3)	
<b>Date of This Inspection:</b> 06/27/2022	<b>Date of Last Inspection:</b> 09/29/15

*\*Be advised your facility may require, due to either SIC code or onsite management practices, an NPDES General Permit #1 (Stormwater permit).*

<b>IAC 567 Chapter 118.4: Appliance Storage &amp; Handling Prior to Demanufacturing</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
<b>Storage &amp; Handling</b>	118.4(1) Are appliances being stored to prevent capacitors, refrigerant lines, compressors, and components containing mercury from being damaged and allowing a release into the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.4(2) Are appliances being handled in a way which prevents damage, cuts, or breaks in refrigerant lines, compressors, capacitors and components containing mercury from being damaged and allowing a release into the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.4(3) Are less than 1,000 appliances being stored prior to demanufacturing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.4(4) Are appliances being demanufactured in 270 days or less?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments** A truck and trailer was noted fully loaded with demanufactured appliances. All demanufactured appliances had a proper unique mark.

<b>IAC 567 Chapter 118.7: Fixed Facility &amp; Mobile Operations</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
<b>Fixed &amp; Mobile Operations</b>	118.7(1) Is demanufacturing taking place on an impervious floor (including but not limited to concrete, ceramic tile, or metal)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.7(2) Is the point of demanufacturing located 50 feet or more from a well and any water of the state?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.7(5) Is a unique marking system (minimum of nine inches square) being applied to the appliances after demanufacturing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>IAC 567 Chapter 64.4: Issuance of NPDES Permits</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
<b>Fixed &amp; Mobile Operations</b>	64.4(2) Is a copy of the Stormwater Discharge permit available if the facility is storing/processing appliances outside?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	64.4(2) Has the facility developed and implemented a Stormwater Pollution Prevention Plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments:**Mr. Yearous stated that he doesn't store appliances outside. Thus, a stormwater permit is not necessary.

Training	IAC 567 Chapter 118.8: Training		Yes	No	NA
	118.8	Is at least one owner or employee completed a Department-approved training course?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.8	Is one trained person on site at all times when appliances are being demanufactured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments:** Kurt is trained on demanufacturing appliances.

Refrigerant Recovery	IAC 567 Chapter 118.6: Permit Application Requirements		Yes	No	NA
	118.6(8)	Is a copy of the EPA Refrigerant Recovery or Recycling Device Acquisition Certification available onsite?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	608 CAA (CFR)	Is a copy of the EPA Refrigerant Reclaimer's Certification available onsite if reclamation (purification) is taking place at the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Refrigerant Recovery	IAC 567 Chapter 118.9: Refrigerant Removal Requirements		Yes	No	NA
	118.9(2)	If refrigerant is removed at a location other than a permitted ADP facility, is there documentation that it was removed by a service or repair facility certified for the removal of refrigerant?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.9(3)	Is removal of refrigerant being done in an area where the temperature of the surrounding air and that of the appliance being demanufactured is 45 degrees Fahrenheit or greater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	IAC 567 Chapter 118.13: Record Keeping & Reporting		Yes	No	NA
	118.13(2)"a" & 118.13(2)"g"	Are the number and type of refrigerant containing appliances being tracked, as well as the amount of refrigerant removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
118.13(3)"a"	Are bills of lading being kept as to where refrigerants are being shipped for disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**Comments:** Mr. Yearous stated the records were kept, but were not available at the time of the inspection.

Oil	IAC 567 Chapter 118.9: Refrigerant Removal Requirements		Yes	No	NA
	118.9(5)	If compressor oil is being removed from the refrigeration units, is it being stored in accordance with 567-119.5 <i>(Note: AST must be large enough and on an impermeable surface to prevent spills, meet API construction standards, have absorbent material available, have a gauge to monitor liquid level, &amp; meet Ch. 567-135 &amp; 136 if UST)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments:** Compressor oil is removed at this facility.

Ammonia Gas Refrigerant	IAC 567 Chapter 118.9: Refrigerant Removal Requirements		Yes	No	NA
	118.9(6)"a"	Is the ammonia gas being vented into water and is the resulting wastewater being properly disposed of?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.9(6)"e"	Is sodium chromate being properly stored in DOT-approved containers labeled with a proper EPA-approved chromium label stating "chromium" or "hazardous waste"?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.9(6)"g"	Does the facility have an EPA ID number (RCRA)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	118.9(6)“h” & 118.9(6)“f”	Is asbestos insulation being removed and handled properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>IAC 567 Chapter 118.13: Record Keeping &amp; Reporting</b>			<b>Yes</b>	<b>No</b>	<b>NA</b>
	118.13(2)“a”(2)	Are records being kept on the number of sodium chromate-containing appliances being demanufactured	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.13(2)“f”	Are records being kept on the number of sodium chromate-containing appliances shipped to another demanufacturer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.13(3)“a” & 118.13(3)“b”	Are records being kept on the shipment of sodium chromate (name of the facility to which sodium chromate was shipped, the date of each shipment, the amount shipped and the name and address of the transporter)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments:** Kurt does not accept any ammonia refrigeration appliances.

	<b>IAC 567 Chapter 118.10: Mercury-Containing Component Removal &amp; Disposal</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
<b>Mercury Components</b>	118.10(1)	Are all components containing mercury being removed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.10(2)	Are mercury components being stored in containers with a proper EPA-approved label stating “Universal Waste-Mercury Containing Equipment”, or Waste Mercury-Containing Equipment” in both English and the predominant language of any non-English-reading workers?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.10(3)	Is the date when the first mercury-containing component was placed in the container affixed to the container?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.10(4)	Storage of mercury is limited to one year, after which, it must be transported to an EPA-approved recycler/recovery facility. Has storage been under one year?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.10(8)	Are fluorescent tubes, lamps, bulbs, etc., being placed in a container and packaged to prevent breakage to an EPA-approved recycler?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<b>IAC 567 Chapter 118.13: Record Keeping &amp; Reporting</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
	118.13(2)	Are records being kept on the number of mercury-containing appliances being demanufactured, number of mercury switches removed, number of fluorescent tubes removed, as well as the number of mercury thermocouples being removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.13(3)	Are records or bills of ladings being kept on the shipment of mercury-containing components?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments:** Mr. Yearous reported that no mercury containing components were encountered during the last several years. Therefore, the mercury storage container was empty and the sticker was not dated. Mr. Yearous does possess proper storage for mercury components if they are encountered. A mercury spill kit was onsite.

	<b>IAC 567 Chapter 118.11: Capacitor Removal Requirements</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
<b>PCB Capacitors</b>	118.11(4)“a”	Does the facility have an EPA TSCA ID number for capacitor storage (required if facility has no RCRA ID #)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.11(4)“b”	Are PCB items being stored in a manner that provides adequate protection from the elements and adequate secondary containment? <i>(Note: Storage must take place on an impervious material above the 100-year floodwater elevation)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	118.11(4)“c”	Is the point of demanufacturing located above the 100-year flood water elevation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	118.11(4)“d”	Are PCB storage containers filled to two inches of absorbent material in the bottom?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

118.11(4)"e"	Are PCB containers DOT-approved and labeled with a 6" by 6" yellow label stating "PCBs" as described in CFR part 761.45?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
118.11(4)"g"	Is the storage for non-leaking small PCB capacitors that do not comply with the requirements in 118.11(4) "a" to "f" stored for less than 30 days from the date of removal and a notation places on the PCB capacitor indicating the date the item was removed from the appliance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
118.11(4)"f" & 118.11(4)"h"	Is the date when the first capacitor was placed in the storage container on the label? Storage of capacitors is limited to 270 days, after which they must be transported to an EPA-approved landfill or incinerator. This burial or incineration must be documented (within one year of the date on the container) and this record kept by the demanufacturer for three years from the date the PCB waste was accepted by the initial transporter.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>IAC 567 Chapter 118.13: Record Keeping &amp; Reporting</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
118.13(2)	Are records being kept on the number of PCB containing appliances being demanufactured, number of PCB capacitors and ballasts as well as the date the first PCB-containing item was placed in the storage drum that is in use on December 31? number of mercury thermocouples being removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
118.13(3)"a" & 118.13(3)"b"	Are records being kept on the shipment of PCB components, and the documentation of destruction or receipt from a regional collection center for all PCB materials shipped?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
118.13(3)"d"	Are records being kept documenting inspections of the PCB storage area as required by 118.11(4)"h"?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:** The PCB storage container did not have secondary containment. I directed Mr. Yearous to provide secondary containment for the PCB storage container. Mr. Yearous indicated that he had not encountered PCB containing components within the last several years. The storage container was empty and the sticker was not dated. No recent records were available.

<b>Spills</b>	<b>IAC 567 Chapter 118.12: Spills</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
	118.12(1)	Are spill records being kept and has the facility reported spills that resulted in a hazardous condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.12(2)	Is a mercury spill kit on hand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments:** No spills have occurred at this facility to date.

<b>Reporting</b>	<b>IAC 567 Chapter 118.13. Record Keeping &amp; Reporting</b>		<b>Yes</b>	<b>No</b>	<b>NA</b>
	118.13(2)	Are records being kept on appliances demanufactured in separate categories, as well as the number of each component, amount of refrigerant, etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	118.13(3)	Are records being kept on all hazardous waste manifest and bills of lading for shipments of refrigerant, mercury switches, PCB-containing material, and kept on site for a minimum of three years?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	118.13(3)"f"	Are copies of annual reports (containing all the record keeping requirements) that have been sent to the Department Central Office being retained for at least three years?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:** No recent records were available on site.

IAC 567 Chapter 118.15: Shredding of Appliances		Yes	No	NA	
<b>Processing</b>	118.15(1)	Has fluff from shredding been tested at least quarterly for PCBs, and TCLP for heavy metals? Have these results being sent to the department within 30 days of the end of each quarter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.15(1)	Have the results from fluff testing been submitted to the department within 30 days of the end of each quarter? And are these records being kept on site for a minimum of three years?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.15(3)	Are appliances being demanufactured before shredding or processing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	118.15(3)	If appliances are being accepted from demanufacturers for recycle/disposal, have the appliances been demanufactured in accordance with Federal regulations and state laws from which the appliances were received?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments:** No shredding takes place at this location. Demanufactured appliances are taken to Clayton Co Recycling or Tourniers ADP in Independence for further processing.

Summary of Requirements:	Compliance Date:
1) Provide secondary containment for the PCB storage vessel.	07/20/2022
2) Update and organize monthly and annual record keeping for the past 7 years.	07/20/2022
3)	
4)	
5)	

Summary of Reminders:
1)
2)
3)
4)
5)

Summary of Recommendations:
1)
2)
3)
4)
5)

Photos of new proposed demanufacturing building at 966 Fairfield St., Arlington, IA. Mr. Yearous would like to transfer his current 33-ADP-01-10 permit to this site. I noted a much larger building that would reportedly be used to store all appliances. I noted a fully concreted floor and three overhead doors. Electricity and heat would be reportedly installed before using the building.



Inspector: Tom McCarthy

Date: 07/06/2022

Reviewer: Amber Sauser

Date: 07/06/2022