



ARKANSAS

ENERGY & ENVIRONMENT

August 28, 2023

Mr. Kevin Caldwell, EHS Manager
Danfoss Power Solutions II, Inc.
400 E. Lincoln Ave
Searcy, AR 72143
Sent Via Email To: Kevin.caldwell@danfoss.com

RE: Danfoss Power Solutions II Inspection – Searcy WWTF Pretreatment Compliance Inspection

AFIN: 73-00055

Permit No.: AR0021601

Dear Mr. Caldwell:

On August 24, 2023, I performed an Industrial User inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection was conducted in coordination with a Pretreatment Compliance Inspection of the Searcy Waste Water Treatment Facility (WWTF). A copy of the inspection report is enclosed for your records.


No violations were noted at the time of the inspection. Please refer to the inspection report for any comments. If I can be of any assistance, please contact me at Jason.Bolenbaugh@adeq.state.ar.us or 501-682-0659.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jason Bolenbaugh'.

Jason Bolenbaugh
Compliance Branch Manager, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118


CC: Jimmy Smith, Manager, Searcy WWTP, j.smith@searcywater.org
Brady Anderson, PT Coordinator, Searcy WWTP, b.anderson@searcywater.org

 <p>ENVIRONMENTAL QUALITY</p>	OFFICE OF WATER QUALITY		
	INSPECTION REPORT		
	AFIN: 73-00055	PERMIT #: AR0021601	DATE: 8/24/2023
	COUNTY: 73 White	PDS #: 127215	MEDIA: WN
GPS LAT: 35.240208 LONG: -91.732899 LOCATION: Entrance			

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: Danfoss Power Solutions II LOCATION: 400 E. Lincoln Ave CITY: Searcy	FACILITY TYPE: 2 - Industrial INSPECTOR ID#: 83321 S - State FACILITY EVALUATION RATING: *** INSPECTION TYPE: Industrial User DATE(S): 8/24/2023 ENTRY TIME: 08:00 EXIT TIME: 09:30 PERMIT EFFECTIVE DATE: PERMIT EXPIRATION DATE:
RESPONSIBLE OFFICIAL	
NAME / TITLE: Mr. Kevin Caldwell / EHS Manager COMPANY: Danfoss Power Solutions II, Inc. MAILING ADDRESS: 400 E. Lincoln Ave CITY, STATE, ZIP: Searcy AR 72143 PHONE & EXT. / FAX: 501-279-2126 / EMAIL: Kevin.caldwell@danfoss.com CONTACTED DURING INSPECTION: Yes	FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N
	INSPECTION PARTICIPANTS
	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Kevin Caldwell, EHS Manager, Danfoss Richard Roark, EHS Analyst, Danfoss Kenneth Waller, EHS Lead, Danfoss Brady Anderson, PT Coordinator, Searcy WWTF Nathan Spencer, Operator, Searcy WWTF

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
**	PERMIT	**	FLOW MEASUREMENT	**	STORMWATER
**	RECORDS/REPORTS	**	LABORATORY	**	FACILITY SITE REVIEW
**	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT
**	OTHER:				

SUMMARY OF FINDINGS
At the time of the inspection no violations or concerns were noted. The pretreatment facility and storage of hazardous waste and other chemicals is adequate. Facility staff was very knowledgeable of pretreatment facility operations and requirements of the permit issued by the Searcy Board of Public Utilities.
GENERAL COMMENTS
The Industrial User inspection was conducted as part of a Pretreatment Compliance Inspection (PCI) of the Searcy Board of Public Utilities (Permit AR0021601/AFIN 73-00055). This inspection will be logged under NPDES Permit AR0021601 given it is part of the PCI and not an inspection solely of Danfoss Power Solutions II, Inc.
The facility was issued a pretreatment permit by the Searcy Board of Public Utilities pretreatment program. The Permit Number is 1349401 and it was issued on March 16, 2023 and expires on March 15, 2026.

INSPECTOR'S SIGNATURE: ←Click text to left to add signature	-Inspector Name	DATE:
SUPERVISOR'S SIGNATURE: 	Jason Bolenbaugh	DATE: 8/25/2023

Industrial User Site Visit

Name of Industry: Danfoss Power Solutions II, Inc.

Industry Contacts:

- **Mr. Kevin Caldwell, EHS Manager**
- **Mr. Richard Roark, EHS Analyst**
- **Mr. Kenneth Waller, EHS Lead**

Type of Industry: Metal Finisher

Date of Visit: 8/24/2023

- | | | | | |
|-----|---|------------------|--------|---------|
| 1. | Categorical industrial user: | X ___ Yes | ___ No | ___ N/A |
| 2. | Pretreatment equipment or procedures? | X ___ Yes | ___ No | ___ N/A |
| 3. | Pretreatment equipment maintained and operational? | X ___ Yes | ___ No | ___ N/A |
| 4. | Hazardous waste generated or stored? | X ___ Yes | ___ No | ___ N/A |
| 5. | Proper solid waste disposal? | X ___ Yes | ___ No | ___ N/A |
| 6. | Solvent management/TTO control? | X ___ Yes | ___ No | ___ N/A |
| 7. | Suitable sampling location? | X ___ Yes | ___ No | ___ N/A |
| 8. | Appropriate self-monitoring procedures/equipment? | X ___ Yes | ___ No | ___ N/A |
| 9. | Adequate spill prevention? | X ___ Yes | ___ No | ___ N/A |
| 10. | Industry familiar with limits and requirements? | X ___ Yes | ___ No | ___ N/A |

Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II				
Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:36
Witness:				Photo #:	1
Description:	DSCN6319: 4000 gallon wastewater tank.				



Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:39
Witness:				Photo #:	2
Description:	DSCN6320: Oil skimmer in the 4,000 gallon water tank.				



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II				
Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:39
Witness:				Photo #:	3
Description:	DSCN6321: Inside of the 1500 gallon UF Process tank.				



Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:42
Witness:				Photo #:	4
Description:	DSCN6322: Processed water tank.				



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II				
Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:43
Witness:				Photo #:	5
Description:	DSCN6323: Nickel batch tank.				



Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:44
Witness:				Photo #:	6
Description:	DSCN6324: 4000 gallon used acid tank.				



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II				
Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:44
Witness:				Photo #:	7
Description:	DSCN6325: Hydrated lime addition tank.				



Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:44
Witness:				Photo #:	8
Description:	DSCN6326: Carbon addition tank.				



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:45	Witness:	
Photo #:	9	Description:	DSCN6327: MEMTEK Reaction Tanks 1 & 2, and Process Tank.



Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:49	Witness:	
Photo #:	10	Description:	DSCN6328: Chemical additions to the MEMTEK Process Tank.



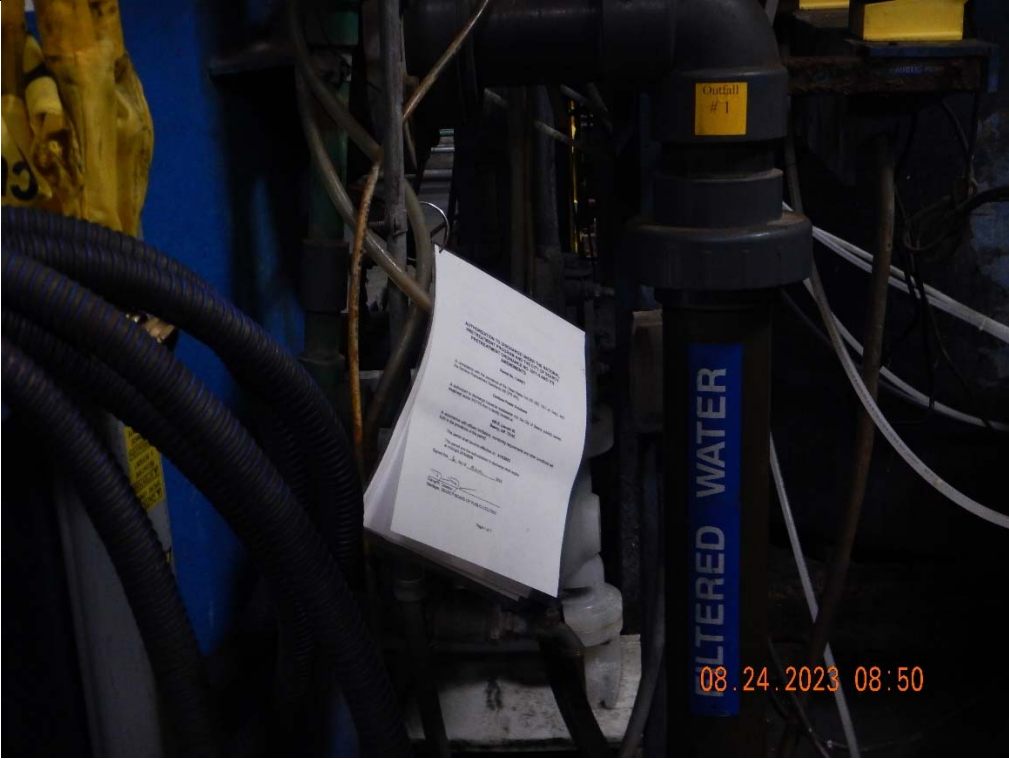

Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Witness:		Time:	
		Photo #:	11
Description:	DSCN6329: Final 500 gallon tank prior to the pretreated wastewater discharging to the collection system.		



Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Witness:		Time:	08:49
		Photo #:	12
Description:	DSCN6330: Duplicate photo to #11. Provided so the facility has a copy of all of the photos taken during the inspection.		



Office of Water Quality Photographic Evidence Sheet			
Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:50	Witness:	
Photo #:	13	Description:	DSCN6331: Permit issued by the Searcy PT Program hanging at the effluent monitoring station.
			
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:50	Witness:	
Photo #:	14	Description:	DSCN6332: Continuous effluent pH monitoring.
			

Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Witness:		Time:	08:51
		Photo #:	15
Description:	DSCN6333: Chemical storage in the pretreatment area.		



Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Witness:		Time:	08:52
		Photo #:	16
Description:	DSCN6334: 6500 gallon paint line water accumulation tank.		



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:54	Witness:	
Photo #:	17	Description: DSCN6335: Filter cake (non-hazardous waste) from the large filter press.	



Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	08:54	Witness:	
Photo #:	18	Description: DSCN6336: Largest filter press that was currently being cleaned.	



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II				
Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	08:55
Witness:				Photo #:	19
Description:	DSCN06337: One of the filter presses with filter cake (non-hazardous waste).				



Photographer:	Jason Bolenbaugh	Date:	8/24/2023	Time:	09:00
Witness:				Photo #:	20
Description:	DSCN6338: Hazardous waste storage area within secondary containment.				



Office of Water Quality Photographic Evidence Sheet

Location:	Danfoss Power Solutions II		
Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	09:02	Photo #:	21
Witness:			
Description:	DSCN6339: Outdoor, enclosed chemical storage area within secondary containment.		



Photographer:	Jason Bolenbaugh	Date:	8/24/2023
Time:	09:03	Photo #:	22
Witness:			
Description:	DSCN6340: Outdoor, enclosed chemical storage area within secondary containment.		

