

ALABAMA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

IN THE MATTER OF:)

Grede II, LLC - Brewton)

Brewton, Escambia County, Alabama)

ADEM Air Facility ID No. 502-0011)

CONSENT ORDER NO. 20-XXX-CAP

PREAMBLE

This Special Order by Consent is made and entered into by the Alabama Department of Environmental Management (“the Department” or “ADEM”) and Grede II, LLC - Brewton (the “Permittee”) pursuant to the provisions of the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, the Alabama Air Pollution Control Act, Ala. Code §§ 22-28-1 to 22-28-23, as amended, and the regulations promulgated pursuant thereto.

STIPULATIONS

1. The Permittee operates a grey iron foundry (the “Facility”) located in Brewton, Escambia County, Alabama (ADEM Air Facility ID No. 502-0011).
2. The Department is a duly constituted department of the State of Alabama pursuant to Ala. Code §§ 22-22A-1 to 22-22A-17, as amended.
3. Pursuant to Ala. Code § 22-22A-4(n), as amended, the Department is the state air pollution control agency for the purposes of the federal Clean Air Act, 42 U.S.C. 7401 to 7671q, *as amended*. In addition, the Department is authorized to administer and enforce the provisions of the Alabama Air Pollution Control Act, Ala. Code §§ 22-28-1 to 22-28-23, as amended.

4. The Permittee operates Dryer/Preheater A and B pursuant to the authority of Major Source Operating Permit No. 502-0011 (the "Permit"). Dryer/Preheater A and B are controlled by a shared baghouse (Emission Points 001A and 001B).

5. The Permittee operates four Electric Induction Furnaces and a Nodularization (Metal Treatment) Process pursuant to the authority of the Permit. The four Electric Induction Furnaces and the Nodularization (Metal Treatment) Process are controlled by baghouses (Emission Points 002 and 003).

6. General Proviso No. 15(b) of the Permit states: "In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increase emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director will be notified when the breakdown has been corrected".

7. General Proviso No. 16 of the Permit states: "All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established".

8. General Permit Proviso No. 21 states: "(a) Reports to the Department of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with Rule 335-3-16-.04(9). (b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including

those attributable to upset conditions as defined in the permit. The report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken”.

9. General Proviso No. 29 of the Permit states in part: “Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%”.

DEPARTMENT’S CONTENTIONS

10. On September 23, 2020, the Department conducted an inspection of the facility, and multiple violations were observed. Excess visible emissions were observed escaping capture from the operating Preheater A (Emission Point 001A) and the three (3) operating Electric Induction Furnaces (Emission Point 002) as well as exiting the foundry building roof vents. The emissions from the building roof vents were observed to be in excess of the opacity standards. The capture hoods for Preheater A and the Nodularization (Metal Treatment) Process were not installed. Fugitive emissions were observed from the dust collection loadout associated with Baghouse CC. The Department received records for the entire month of September from the Permittee on October 8, 2020. The records stated that no visible emissions had been observed during the month of September, including the day of the Department’s inspection.

11. On October 15, 2020, the Permittee submitted a Semiannual Compliance Report for 40 CFR Part 63, Subpart EEEEE for the compliance period of March 11, 2020 through September 10, 2020. The report did not discuss the missing capture hoods or excess visible emissions, and it stated that the facility had been in compliance with General Proviso 15(b) and General Proviso 16.

12. On October 30, 2020, the Department issued a Notice of Violation to the Permittee. On November 25, 2020, the Permittee submitted a response to the Notice of Violation. The response stated in part: "The capture hood for Preheater A was not fully in-place for approximately seven days". The Department was not previously notified of the removal of the capture hood.

13. On January 14, 2021, the Department conducted an inspection of the facility. Significant visible emissions were noted inside the building and from the building roof vent. During the inspection, personnel from the Department observed an unpermitted emergency engine generator onsite. The Permittee was informed to submit an application to the Department for the emergency engine generator. The Department received records for the entire month of December and part of January from the Permittee on January 29, 2021. The records stated that no visible emissions had been observed during December and January, including the day of the Department's inspection.

14. On February 23, 2021, the Department sent a Letter of Inquiry to the Permittee with questions regarding the two (2) previous inspections conducted at the facility. The Permittee responded to the Letter of Inquiry on March 12, 2021. The response stated in part: "The Preheater capture hood was replaced on October 3, 2020, and the Nodularization (Metal Treatment) Process capture hood was damaged/partially missing in August 2020 and fully repaired and in-place by December 2020". The Department was not previously notified of the damaged/partially missing Nodularization (Metal Treatment) Process capture hood.

15. On April 9, 2021, the Permittee submitted the Annual Compliance Certification (ACC) for the reporting period of February 10, 2020 through February 9, 2021. In the ACC, the Permittee stated that the facility was in continuous compliance with General Permit Provisos 15(b), 16, 21, and 29, failing to address the violations detailed above.

16. After several discussions with the Permittee, the Department determined that the damage to the Nodularization (Metal Process) Process capture hood would not be considered a violation of the Permit since the hood was partially in place and remained functional according to the Permittee.

17. Pursuant to Ala. Code § 22-22A-5(18)c., *as amended*, in determining the amount of any penalty, the Department must give consideration to the seriousness of the violation, including any irreparable harm to the environment and any threat to the health or safety of the public; the standard of care manifested by such person; the economic benefit which delayed compliance may confer upon such person; the nature, extent and degree of success of such person's efforts to minimize or mitigate the effects of such violation upon the environment; such person's history of previous violations; and the ability of such person to pay such penalty. Any civil penalty assessed pursuant to this authority shall not exceed \$25,000.00 for each violation, provided however, that the total penalty assessed in an order issued by the Department shall not exceed \$250,000.00. Each day such violation continues shall constitute a separate violation. In arriving at this civil penalty, the Department has considered the following.

A. SERIOUSNESS OF THE VIOLATION: The Department considers the Permittee's failure to comply with the requirements of General Provisos 15(b), 16, 21, and 29 to be serious violations. However, the Department is not aware of any irreparable harm to the environment resulting from this violation.

B. THE STANDARD OF CARE: The Permittee failed to exhibit a sufficient standard of care by failing to meet the requirements of General Provisos 15(b), 16, 21, and 29.

C. ECONOMIC BENEFIT WHICH DELAYED COMPLIANCE MAY HAVE CONFERRED: The Department is not aware of any evidence indicating that the Permittee received any significant economic benefit from these violations.

D. EFFORTS TO MINIMIZE OR MITIGATE THE EFFECTS OF THE VIOLATION UPON THE ENVIRONMENT: The Department is not aware of any efforts by the Permittee to minimize or mitigate the effects of these violations on the environment.

E. HISTORY OF PREVIOUS VIOLATIONS: The Department's records indicate that there are no other similar violations or enforcement actions taken by the Department against the Permittee within the past five years.

F. THE ABILITY TO PAY: The Permittee has not alleged an inability to pay the civil penalty.

G. OTHER FACTORS: It should be noted that this Special Order by Consent is a negotiated settlement and, therefore, the Department has compromised the amount of the penalty in this matter in the spirit of cooperation and the desire to resolve this matter amicably, without incurring the unwarranted expense of litigation.

18. The Department has carefully considered the six statutory penalty factors enumerated in Ala. Code § 22-22A-5(18)c., *as amended*, as well as the need for timely and effective enforcement and, based upon the foregoing and attached contentions, has concluded that the civil penalty herein is appropriate (*See* "Attachment A", which is hereby made a part of the Department's Contentions).

19. The Department neither admits nor denies Permittee's Contentions, which are set forth below. The Department has agreed to the terms of this Consent Order in an effort to resolve the alleged violations cited herein without the unwarranted expenditure of State resources in

further prosecuting the above violations. The Department has determined that the terms contemplated in this Consent Order are in the best interests of the citizens of Alabama.

PERMITTEE'S CONTENTIONS

20. The Permittee neither admits nor denies the Department's Contentions. The Permittee consents to abide by the terms of this Consent Order and to pay the civil penalty assessed herein.

ORDER

THEREFORE, the Permittee, along with the Department, desires to resolve and settle the compliance issues cited above. The Department has carefully considered the facts available to it and has considered the six penalty factors enumerated in Ala. Code § 22-22A-5(18)c., *as amended*, as well as the need for timely and effective enforcement, and the Department has determined that the following conditions are appropriate to address the violations alleged herein. Therefore, the Department and the Permittee agree to enter into this Consent Order with the following terms and conditions:

A. The Permittee agrees to pay to the Department a civil penalty in the amount of \$50,000.00 in settlement of the violations alleged herein within forty-five days from the effective date of this Consent Order. Failure to pay the civil penalty within forty-five days from the effective date may result in the Department's filing a civil action in the Circuit Court of Montgomery County to recover the civil penalty.

B. The Permittee agrees that all penalties due pursuant to this Consent Order shall be made payable to the Alabama Department of Environmental Management by certified or cashier's check and shall be remitted to:

Office of General Counsel
Alabama Department of Environmental Management

P.O. Box 301463
Montgomery, Alabama 36130-1463

C. The Permittee agrees to comply with all requirements of ADEM Administrative Code div. 335-3 and the Permit immediately upon the effective date of this Order and continuing every day thereafter.

D. The parties agree that this Consent Order shall apply to and be binding upon both parties, their directors, officers, and all persons or entities acting under or for them. Each signatory to this Consent Order certifies that he or she is fully authorized by the party he or she represents to enter into the terms and conditions of this Consent Order, to execute the Consent Order on behalf of the party represented, and to legally bind such party.

E. The parties agree that, subject to the terms of these presents and subject to provisions otherwise provided by statute, this Consent Order is intended to operate as a full resolution of the violations which are cited in this Consent Order.

F. The Permittee agrees that it is not relieved from any liability if it fails to comply with any provision of this Consent Order.

G. For purposes of this Consent Order only, the Permittee agrees that the Department may properly bring an action to compel compliance with the terms and conditions contained herein in the Circuit Court of Montgomery County. The Permittee also agrees that in any action brought by the Department to compel compliance with the terms of this Agreement, the Permittee shall be limited to the defenses of *Force Majeure*, compliance with this Agreement and physical impossibility. A *Force Majeure* is defined as any event arising from causes that are not foreseeable and are beyond the reasonable control of the Permittee, including its contractors and consultants, which could not be overcome by due diligence (i.e., causes which could have been overcome or avoided by the exercise of due diligence will not be considered to have been beyond the reasonable

control of the Permittee) and which delays or prevents performance by a date required by the Consent Order. Events such as unanticipated or increased costs of performance, changed economic circumstances, normal precipitation events, or failure to obtain federal, state, or local permits shall not constitute *Force Majeure*. Any request for a modification of a deadline must be accompanied by the reasons (including documentation) for each extension and the proposed extension time. This information shall be submitted to the Department a minimum of ten working days prior to the original anticipated completion date. If the Department, after review of the extension request, finds the work was delayed because of conditions beyond the control and without the fault of the Permittee, the Department may extend the time as justified by the circumstances. The Department may also grant any other additional time extension as justified by the circumstances, but it is not obligated to do so.

H. The Department and the Permittee agree that the sole purpose of this Consent Order is to resolve and dispose of all allegations and contentions stated herein concerning the factual circumstances referenced herein. Should additional facts and circumstances be discovered in the future concerning the facility which would constitute possible violations not addressed in this Consent Order, then such future violations may be addressed in Orders as may be issued by the Director, litigation initiated by the Department, or such other enforcement action as may be appropriate, and the Permittee shall not object to such future orders, litigation or enforcement action based on the issuance of this Consent Order if future orders, litigation or other enforcement action address new matters not raised in this Consent Order.

I. The Department and the Permittee agree that this Consent Order shall be considered final and effective immediately upon signature of all parties. This Consent Order shall not be appealable, and the Permittee does hereby waive any hearing on the terms and conditions of same.

J. The Department and the Permittee agree that this Order shall not affect the Permittee's obligation to comply with any Federal, State, or local laws or regulations.

K. The Department and the Permittee agree that final approval and entry into this Order are subject to the requirements that the Department give notice of proposed Orders to the public, and that the public have at least thirty days within which to comment on the Order.

L. The Department and the Permittee agree that, should any provision of this Order be declared by a court of competent jurisdiction or the Environmental Management Commission to be inconsistent with Federal or State law and therefore unenforceable, the remaining provisions hereof shall remain in full force and effect.

M. The Department and the Permittee agree that any modifications of this Order must be agreed to in writing signed by both parties.

N. The Department and the Permittee agree that, except as otherwise set forth herein, this Order is not and shall not be interpreted to be a permit or modification of an existing permit under Federal, State or local law, and shall not be construed to waive or relieve the Permittee of its obligations to comply in the future with any permit.

Executed in duplicate, with each part being an original.

GREDE II, LLC - BREWTON

ALABAMA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT


(Signature of Authorized Representative)

Lance R. LeFleur
Director

Rick Zimmerman
(Printed Name)

Plant Manager
(Printed Title)

Date Signed: 8/5/21

Date Executed: _____

Attachment A

Grede II, LLC - Brewton Brewton, Escambia County

ADEM Air Facility ID No. 502-0011

Violation*	Number of Violations*	Seriousness of Violation*	Standard of Care*	History of Previous Violations*	Total of Three Factors
Noncompliance with General Proviso 15(b)	2 1**	\$5,000.00	\$5,000.00	-	\$10,000.00
Noncompliance with General Proviso 16	93 7**	\$70,000.00	\$30,000.00	-	\$100,000.00
Noncompliance with General Proviso 21	3 2**	\$10,000.00	\$5,000.00	-	\$15,000.00
Noncompliance with General Proviso 29	1	\$15,000.00	\$10,000.00	-	\$25,000.00
TOTAL PER FACTOR		\$100,000.00	\$50,000.00		\$150,000.00

Adjustments to Amount of Initial Penalty	
Mitigating Factors (-)	
Ability to Pay (-)	
Other Factors (+/-)	-\$100,000.00
Total Adjustments (+/-)	-\$100,000.00

Economic Benefit (+)	
Amount of Initial Penalty	\$150,000.00
Total Adjustments (+/-)	-\$100,000.00
FINAL PENALTY	\$50,000.00

Footnotes

* See the "Department's Contentions" portion of the Order for a detailed description of each violation and the penalty factors.

** Based on follow-up information provided by the Permittee, the Department determined that the original number of alleged violations was not accurate.