

APPENDIX C
AGREED ORDER 99-0351-SIP

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION



IN THE MATTER OF	§	BEFORE THE
AN AGREED ORDER	§	TEXAS NATURAL
CONCERNING	§	RESOURCE
GNB TECHNOLOGIES, INC.	§	CONSERVATION
ACCOUNT NO. CP-0029-G	§	COMMISSION

AGREED ORDER DOCKET NO. 99-0351-SIP

The Texas Natural Resource Conservation Commission (the Commission or TNRCC), hereby orders GNB Technologies, Inc. (GNB), formerly known as Gould National Battery, Incorporated, to comply with the requirements herein regarding control of emissions of lead from the facilities referenced below, pursuant to § 382.023 of the Texas Clean Air Act (the Act), Texas Health and Safety Code, Chapter 382, and § 110 of the Federal Clean Air Act, 42 U.S.C. § 7401 et. seq., for the purpose of revising the Texas State Implementation Plan (SIP) for control of lead. The Executive Director of the Commission and GNB have agreed on these control requirements, subject to the approval of the Commission. The Executive Director and GNB enter into this agreement for the purpose of implementing the SIP measures in the 1999 Collin County Redesignation and Maintenance Plan for Lead.

I. STIPULATIONS

For the purpose of this Agreed Order, the parties have agreed and stipulated as follows:

1. Section 110 of the Federal Clean Air Act, 42 U.S.C. 7401 et. seq., requires Texas to submit to the United States Environmental Protection Agency (EPA) for approval SIP revisions and to demonstrate that such SIP revisions provide protection of the National Ambient Air Quality Standards (NAAQS) and the Prevention of Significant Deterioration increments for lead.

2. GNB owns and operates a secondary lead smelter/lead oxide manufacturing plant, located 7471 South Fifth Street, Frisco, Collin County, Texas (the plant).

3. The plant consists of one or more sources as defined in § 382.003(12) of the Act.

4. In 1992, GNB entered into Agreed Board Order 92-09(k) (Order 92-09(k)) with the Texas Air Control Board (TACB), predecessor to the TNRCC, and special provisions were included in amendments to Air Quality Permits R-1147A and R-5466D to resolve notices of violations regarding exceedences of the NAAQS for lead. The purpose of Order 92-09(k) was to assure maintenance of the NAAQS for lead, and required GNB to continue implementation of or to implement certain measures to prevent recurrence of the violations alleged in Order 92-09(k).

5. GNB has amended TNRCC Air Quality Permit Nos. 1147A and 3048A to incorporate the provisions of Order 92-09(k) as permanent and enforceable reductions. The maximum allowable emission rate of lead in these permits will ensure that lead emissions will not exceed 4.27 tons per year (tpy), unless otherwise authorized according to the requirements in paragraph 11 below. The parties to this Order agree to terminate Order 92-09(k). However, GNB agrees to continue implementation of the requirements of paragraph 8 in Order 92-09(k) as incorporated into Permit Nos. 1147A and 3048A, or to implement additional measures or control technologies proposed by GNB that are judged by the Executive Director to be similarly effective in controlling lead emissions from the plant.

6. In 1993, GNB entered into Agreed Board Order 93-12 (Order 93-12) with the TACB to establish contingency measures related to the 1993 Lead State Implementation Plan for Collin County, Texas.

7. GNB has implemented the measures in Order 93-12 by: adding a supplemental ventilation baghouse to its metallurgical furnace operation (the reverberatory and blast furnaces); covering its blast furnace bins and installing a water spray system over the bin area; installing a baghouse at the raw materials storage building; installing a feed dryer and baghouse to reduce the possibility of reverberatory furnace explosions due to wet feed; writing and implementing detailed site operation and maintenance plans for its baghouse operations; and installing a Tri-bo Flow® System in all baghouse ducts to detect upset emissions. The parties to this Order agree to terminate Order 93-12. However, GNB agrees to continue implementation of these measures, or to implement additional measures or control technologies proposed by GNB that are judged by the Executive Director to be similarly effective in controlling lead emissions from the plant.

8. GNB agrees to comply with the emission limits and standard operating procedures for process sources, process fugitive sources, and fugitive dust sources from the National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelters (the lead MACT).

9. GNB will maintain records for the period of the Maintenance Plan (ten years from the date of redesignation to attainment by the EPA) sufficient to demonstrate compliance with the requirements in paragraphs 5, 7 and 8 above and make those records available upon request by the TNRCC or any other air pollution control agency with jurisdiction.

10. This Agreed Order does not authorize or prohibit any modification of the plant listed above, nor does it authorize or prohibit the construction of any abatement equipment that may be necessary to achieve the emission limits set in this Agreed Order, other than that which is specifically addressed in this Agreed Order.

11. The 1993 Lead SIP contained an attainment demonstration using dispersion modeling of quarterly lead impacts in Collin County, Texas. That modeling was based on 4.27 tons per year (tpy) of lead, the actual emissions of lead provided by GNB in its 1992 emissions inventory. GNB may increase actual emissions above 4.27 tpy of lead only through (a) qualification for an amendment to Permits 1147A and/or 3048A and/or a new permit issued pursuant to 30 TAC Chapter 116, and (b) an air dispersion modeling demonstration that such an increase in emissions is not expected to cause a violation of the lead NAAQS. GNB may use exemptions from permitting or permits by rule at the plant to make changes at the plant or to add new equipment, provided that use of such exemptions or permits by rule will not increase actual emissions above 4.27 tpy tons per year of lead.

12. That all air pollution abatement equipment shall be maintained in good working order and operated properly during normal operations.

13. Definitions for purposes of this Agreed Order:

A. The term "condition" is defined as (1) an exceedence of the quarterly arithmetic average lead NAAQS of 1.5 micrograms per cubic meter at any TNRCC ambient air quality monitoring site, or (2) an exceedence of 4.27 tpy as reported in GNB's annual emissions inventory for lead when that exceedence has not resulted from (a) qualification for an amendment to Permits 1147A and/or 3048A and/or a new permit issued pursuant to 30 TAC Chapter 116 and b) an air dispersion modeling demonstration that such an increase in emissions will not cause a violation of the lead NAAQS.

B. The term "contingency measure" is defined to include the following actions:

1. A new wheel washing facility will be installed at the plant to reduce fugitive emissions by reducing tracking in the yard area of the plant.
2. A scale and improved tuyere punching method will be installed and utilized at the plant's blast furnace to increase the feed and flux control and reduce fugitive lead emissions around the blast furnace.
3. An alternative measure proposed by GNB that results in emission reductions which, at a minimum, shall be equivalent to the emission reductions achievable by contingency measure 13.B.1 or 13.B.2 above. Any alternative contingency measure proposed by GNB must be approved by the Executive Director prior to implementation.

14. If at any time during the period of the maintenance plan for attainment of the lead NAAQS a condition occurs, the Executive Director of the TNRCC shall notify GNB within thirty (30) days of the discovery of the condition that the contingency measures must be evaluated and that, at a minimum, one of the measures must be implemented. Within sixty (60) days of such notification, GNB will inform the TNRCC as to which of the specified [in paragraph 13.B.(1) and (2) above] or alternative contingency measures will be implemented by GNB. GNB will complete the implementation of the selected contingency measure within 180 days of GNB's notification to the Executive Director or within 180 days of the Executive Director's approval of an alternative contingency measure.

15. The Commission and GNB agree that the Commission has jurisdiction to enter this Agreed Order, and GNB is subject to the Commission's jurisdiction.

16. To better safeguard the air resources of this state, GNB agrees to comply with the terms of this Agreed Order.

II. ORDER

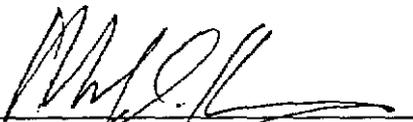
It is therefore ordered by the Texas Natural Resource Conservation Commission that GNB Technologies shall, from and after the date of this Agreed Order:

1. Implement and/or continue to implement all requirements in and maintain compliance with paragraphs 5, 7, 8 and 9 above; and
2. Comply with the requirements of paragraph 14 above if a condition occurs.

The provisions of this Agreed Order shall apply to and be binding upon GNB Technologies, Inc., its successors, assigns and upon those persons in active concert or participation with them who receive actual notice of this Agreed Order by personal service or otherwise. GNB Technologies, Inc. is hereby ordered to give notice of this Agreed Order to any successor in interest prior to transfer of ownership of all or any part of its plant, located at 7471 South Fifth Street, Frisco, Collin County, Texas and within ten days of any such transfer, provide the Texas Natural Resource Conservation Commission with written certification that such notice has been given.

SIGNATURE PAGE

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION



For the Commission

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity, if any, indicated below my signature, and I do agree to the terms and conditions specified therein.



Authorized representative of
GNB Technologies, Inc.

7-8-99
Date



Jim Phillips
Deputy Director
Office of Legal Services
Texas Natural Resource Conservation Commission

7/7/99
Date