

**CMI**  
**CONSOLIDATED MINERALS, INC.**  
FEED SUPPLEMENT DIVISION

RECEIVED  
SEP 5 1989  
DER-BAQM

September 1, 1989

Mr. Willard M. Hanks  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399

Re: Application for  $\text{KBF}_4$  Dryer Dust Collector

Dear Mr. Hanks:

As per our conversation on September 1, Consolidated Minerals, Inc. is requesting the following change be made in our permit application for the  $\text{KBF}_4$  Dryer Dust Collector.

On page 3, part E, we are requesting that the operating time be changed from 8 hours/day; 5 days/week; 52 weeks/year to 24 hours/day; 7 days/week; 52 weeks/year or no more than 4,000 hours. This will also change some figures on page 4, part C with the emissions actual tons/year from .006 tons/year to .011 tons/year.

I am enclosing the corrected pages that concern these changes. If I can be of further help in this matter, please contact me.

Sincerely,

*Robert L. Harrison Jr.*

Robert L. Harrison, Jr.  
Environmental Supervisor

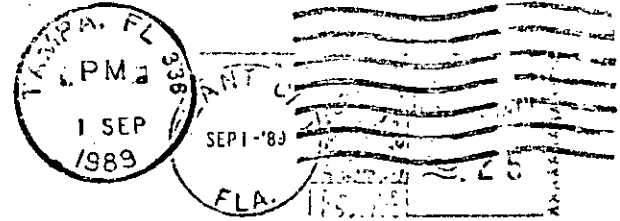
RLH:cr

Enclosure

*cc: W. Hanks*  
*CHA/IST*

**CMI CONSOLIDATED  
MINERALS, INC.**

P. O. Box 790 • Plant City, Florida 34289-0790



Mr. Willard M. Hanks  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399



E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;  
if power plant, hrs/yr \_\_\_\_\_ ; if seasonal, describe: These hours may vary due to market  
demand, but no more that 4,000 operating hours during a year.

---

---

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? NO  
a. If yes, has "offset" been applied? N/A  
b. If yes, has "Lowest Achievable Emission Rate" been applied? N/A  
c. If yes, list non-attainment pollutants. \_\_\_\_\_ N/A

2. Does best available control technology (BACT) apply to this source?  
If yes, see Section VI. NO

3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Sections VI and VII. NO

4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? NO

5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? NO

H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? NO

a. If yes, for what pollutants? \_\_\_\_\_

b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-  
cation for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% wt		
Potassium Fluoborate (KBF4)	Particulate	100%	2,500	See Attachment C-1

B. Process Rate, if applicable: (See Section V, Item 1)

- Total Process Input Rate (lbs/hr): 2,500
- Product Weight (lbs/hr): 2,500

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Particulate	.006	.011	17-2.650(2)(b)(2)	.046	28.0	122.6	See Attachment C-
Opacity			17-2.610(2)(a)	5%			

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2, Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).