

Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources*. AP42 is located on the EPA web site at [www.epa.gov/ttn/chief/ap42/](http://www.epa.gov/ttn/chief/ap42/)

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02\_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

CALCIUM CARBIDE  
MANUFACTURING  
AP-42 Section 8.4  
Reference Number  
1

914 East Broadway

Louisville, Kentu

## PERMIT

Permit No. 477-74 Permit Fee \$ 15.00  
 Issue Date Dec. 16, 1980 EIS Plant 001 Pt. 01

Expiration Date Dec. 16, 1981  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of two FMC venturi scrubbers, variable throat,  
model 7K, 98.5% estimated efficiency

Rated capacity each 11,400 ACFM @700°F Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____
Actual Emissions						
Lbs/Hr	<u>6.8</u>	_____	_____	_____	_____	_____
Tons/Yr	<u>29.8</u>	_____	_____	_____	_____	<u>8760</u>

Control/Process Ref. 554-75 Carbide Electric Arc Furnace

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75  
 Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. W. Ruscher* 40210  
 Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 554-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 1980 EIS Plant 001 Pt. 01

Expiration Date Dec. 16, 1981  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of one 50 MW Carbide furnace, Elkem  
Electric Arc, for production of Calcium carbide from  
uncrushed lime and Petroleum coke.

Rated capacity 50 MW Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary No direct fuel used other than coke

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	<u>18.9</u>	_____	_____	_____	_____	_____
Tons/Yr	<u>82.9</u>	_____	_____	_____	_____	_____
Actual Emissions	_____	_____	_____	_____	_____	_____
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____

Control/Process Ref. 477-74, Dual venturi; 555-75 Tap fume bag house;  
563-75 8 compartment baghouse  
 Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_

Offsets

PSD

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. H. Rauscher* 40210

Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 555-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 1980 EIS Plant 001 Pt. 02

Expiration Date Dec. 16, 1981  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of one Wheelabrator baghouse, nine compartments,  
model 42RW30, handling tap fume exhaust from 3 hoods,

sequentially tapped from 50 MW Electric Arc Furnace.

Rated capacity 45,000 cfm Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary None

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____
Actual Emissions	_____	_____	_____	_____	_____	_____
Lbs/Hr	<u>2.4</u>	_____	_____	_____	_____	<u>72</u>
Tons/Yr	<u>10.4</u>	_____	_____	_____	_____	<u>72</u> <u>876</u>

~~Process~~ / Process Ref. 554-75 50 MW Electric Arc Furnace

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

40210

*W. H. Busscher*

Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 556-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 05

Expiration Date Dec. 16, 19 81  
Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of one Link-Belt Rotary coke dryer model 1003-32  
Roto-Louvre

Rated capacity 260 Tons/Day Normal Oper. Hrs. per Yr. 4000

Fuels Used: Primary Nat. Gas  
Secondary carbon monoxide, distillate oil

Allowable Emissions							Basis: % Rated Capacity Hrs/Yr
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:	
Lbs/Hr	<u>34.5</u>	<u>N.A.</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>100</u>
Tons/Yr	<u>69.0</u>	<u>N.A.</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>100 4000</u>
Actual Emissions							
Lbs/Hr		<u>1.4</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
Tons/Yr		<u>1.4</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Control/~~XXXX~~ Ref. 557-75 Wheelabrator baghouse

Offsets Emission Bank Code Ref.        Bubble Ref.         
 PSD                     

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75  
Address Airco Carbide, Div. of Airco, Inc., P.O.Box 10037, Louisville, Ky.

*[Signature]*  
40210  
Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 557-75

Permit Fee \$ 15.00

Issue Date Dec. 16, 1980

EIS Plant 001 Pt. 03

Expiration Date Dec. 16, 1981

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct     
  Operate     
 Equipment:  Process     
  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of one Wheelabrator model 42 RS, 9 compartment  
Baghouse, Est. Efficiency 99%, Nomex filter cloth.

Rated capacity 22180 cfm      Normal Oper. Hrs. per Yr. 4000

Fuels Used: Primary \_\_\_\_\_  
 Secondary \_\_\_\_\_

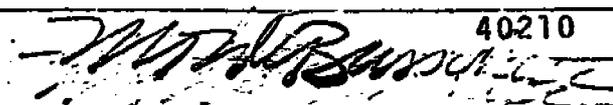
Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____
Actual Emissions						
Lbs/Hr	<u>4.2</u>	_____	_____	_____	_____	<u>81</u>
Tons/Yr	<u>18.2</u>	_____	_____	_____	_____	<u>81</u> <u>4000</u>

Control/Process Ref. 556-75 coke dryer, 260 TPD

Offsets      Emission Bank Code Ref. \_\_\_\_\_      Bubble Ref. \_\_\_\_\_  
 PSD      \_\_\_\_\_      \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr.      Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

  
 40210  
 Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 558-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 1980 EIS Plant 001 Pt. 06

Expiration Date Dec. 16, 1981  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of two Jeffrey Hammermill primary crushers,  
size 54" x 30" each

Rated capacity 400 Tons/Day each Normal Oper. Hrs. per Yr. 2912

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	<u>51.3</u>	_____	_____	_____	_____	_____
Tons/Yr	<u>74.7</u>	_____	_____	_____	_____	_____
Actual Emissions	_____	_____	_____	_____	_____	_____
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____

Control/Process Ref. 614-76 Standard-Havens Baghouse

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. W. Busch*  
 40210  
 Air Pollution Control Officer







# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 560-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 07

Expiration Date Dec. 16, 19 81

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of three secondary crushers, Jeffrey Hammermill,  
size 36" x 48" each

Rated capacity 200 Ton/Day each Normal Oper. Hrs. per Yr. 2912

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions							Basis: % Rated Capacity Hrs/Yr
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:	
Lbs/Hr	<u>48.4</u>	_____	_____	_____	_____	_____	<u>100</u>
Tons/Yr	<u>70.5</u>	_____	_____	_____	_____	_____	<u>100</u> <u>2912</u>
Actual Emissions							
Lbs/Hr	_____	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____	_____

Control/~~Process~~ Ref. 614-76 Standard Havens fabric filter

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. W. Buscher* 40210

Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 561-79 Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 07

Expiration Date Dec. 16, 19 81  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers Operation of one American Air Filter fabric filter, model 56-3,  
Estimated Efficiency 99%

Rated capacity 10,000 cfm Normal Oper. Hrs. per Yr. \_\_\_\_\_

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____
Actual Emissions						
Lbs/Hr	*	_____	_____	_____	_____	_____
Tons/Yr	*	_____	_____	_____	_____	_____

Control/Process Ref. 560-75 Secondary crushing

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

\*Emissions from this point included in permit #614-75 40210

*W. H. Bauscher*  
 Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 562-75 Permit Fee \$ 15.00  
 Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 04

Expiration Date Dec. 16, 19 81  
 Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div. of Airco, Inc., Bells Lane, Louisville, Ky. 40211  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers Operation of one circular charging conveyor, located fifth floor  
furnace bldg., for charging coke & lime to furnace.

Rated capacity 26.7 Tons/Hr Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary \_\_\_\_\_  
 Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:
Lbs/Hr	<u>37.0</u>	_____	_____	_____	_____	_____
Tons/Yr	<u>162</u>	_____	_____	_____	_____	_____
Actual Emissions	_____	_____	_____	_____	_____	_____
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____

Control/Process Ref. 615-76 Standard Havens fabric filter

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engr., Mgr. Appl. Dated 10/1/75  
 Address Airco Carbide, Div., of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. H. Bauscher*  
 40210  
 Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 563-75 Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 03

Expiration Date Dec. 16, 19 81

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Airco, Inc., Bells Lane, Louisville, Ky. 40210  
in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of a furnace building vent system consisting of  
a furnace plenum with 3 take-offs on the north, West and  
South sides, and one 8 compartment Wheelabrator baghouse,  
model 360, Estimated Efficiency 99%

Rated capacity 87,000 cfm Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	(Acetylene)						Basis: % Rated Capacity Hrs/Yr
	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:	
Lbs/Hr	_____	_____	N/A	_____	_____	_____	_____
Tons/Yr	_____	_____	N/A	_____	_____	_____	_____
Actual Emissions							
Lbs/Hr	<u>2.2</u>	_____	<u>184.2</u>	_____	_____	_____	<u>72</u>
Tons/Yr	<u>9.8</u>	_____	<u>806.8</u>	_____	_____	_____	<u>72</u> 8760

~~XXXXXX~~ Process Ref. 554-75 50 MW Electric Arc Furnace

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.  
40210



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 614-76 Permit Fee \$ 15.00  
 Issue Date Dec. 16, 1980 EIS Plant 001 Pt. 06  
 Expiration Date Dec. 16, 1981

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Amco, Inc., Bells Lane, Louisville, Ky. 40210  
 in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers Operation of one Standard Havens fabric filter, size 39,  
Estimated Efficiency 99%

Rated capacity 37,500 scfm Normal Oper. Hrs. per Yr. 2912

Fuels Used: Primary \_\_\_\_\_  
 Secondary \_\_\_\_\_

Allowable Emissions	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:	Basis: % Rated Capacity Hrs/
Lbs/Hr	_____	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____	_____
Actual Emissions							
Lbs/Hr	<u>19.0</u>	_____	_____	_____	_____	_____	<u>35%</u>
Tons/Yr	<u>27.7</u>	_____	_____	_____	_____	_____	<u>35%</u> 2912

~~XXXXXX~~/Process Ref. 558-75 two primary crushers & 560-75, three secondary  
 Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. crushers

Offsets \_\_\_\_\_  
 PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75  
 Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. W. Ruscher* 40210

Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 615-76 Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80 EIS Plant 001 Pt. 04

Expiration Date Dec. 16, 19 81

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct  Operate Equipment:  Process  Control

located at Airco Carbide Div., of Amco, Inc., Bells Lane, Louisville, Ky. 40210  
in accordance with plans and specifications on file with the Air Pollution Control District.

Permit covers operation of one Standard Havens fabric filter Alpha/Mark I, size 21

Rated capacity 2,000 AcFm @350°F Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	TSP	SO <sub>2</sub>	HC	CO	NO <sub>x</sub>	Other:	Basis: % Rated Capacity Hrs/Yr	
Lbs/Hr	_____	_____	_____	_____	_____	_____		
Tons/Yr	_____	_____	_____	_____	_____	_____		
Actual Emissions								
Lbs/Hr	<u>5.5</u>	_____	_____	_____	_____	_____		<u>72</u>
Tons/Yr	<u>24.3</u>	_____	_____	_____	_____	_____		<u>72</u> <u>8760</u>

~~XXXX~~/Process Ref. 562-75 Circular Conveyor

Offsets Emission Bank Code Ref. \_\_\_\_\_ Bubble Ref. \_\_\_\_\_

PSD \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Mgr. Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P.O. Box 10037, Louisville, Ky.

*W. W. Buscher*  
40210  
Air Pollution Control Officer



# AIR POLLUTION CONTROL DISTRICT OF JEFFERSON COUNTY

914 East Broadway

Louisville, Kentucky 40204

## PERMIT

Permit No. 564-75

Permit Fee \$ 15.00

Issue Date Dec. 16, 19 80

EIS Plant 0001 Pt. 08

Expiration Date Dec. 16, 19 81

Permission is hereby given by the Air Pollution Control Board of the Air Pollution Control District of Jefferson County to:

Construct       Operate      Equipment:  Process       Control

located at Airco Carbide Div., of Airco, Inc., Bells Ln., Lou, KY 40210  
in accordance with plans and specifications on file with Air Pollution Control District.

Permit covers the operation of one emergency flare stack which is used  
only 3% of the furnace operating time and one furnace emergency  
dump stack burner.

Rated capacity \_\_\_\_\_ Normal Oper. Hrs. per Yr. 8760

Fuels Used: Primary \_\_\_\_\_

Secondary \_\_\_\_\_

Allowable Emissions	Basis: % Rated Capacity Hrs/Yr					
	TSP	SO2	HC	CO	NOx	Other:
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	_____	_____	_____
Actual Emissions	_____	_____	_____	_____	_____	_____
Lbs/Hr	_____	_____	_____	_____	_____	_____
Tons/Yr	_____	_____	_____	<u>1</u>	_____	<u>8760</u>

Control/Process ~~XXXX~~ ~~RR~~ Permit #447-74 <sup>477-74</sup>

Offsets      Emission Bank Code Ref. \_\_\_\_\_      Bubble Ref. \_\_\_\_\_

PSD      \_\_\_\_\_      \_\_\_\_\_

Applicant for Permit J. P. Casey, Engineering, Appl. Dated 10/1/75

Address Airco Carbide, Div. of Airco, Inc., P. O. Box 10037, Lou, KY 40210

*W. H. Ruscher*

Air Pollution Control Officer

