



June 25, 2024

Via Email: [KOCH, JAY <JKOCH@idem.IN.gov>](mailto:JKOCH@idem.IN.gov)

IDEM Office of Air Quality
Air Quality Standards and Implementation Section
100 North Senate Avenue
Mail Code 61-53 IGCN 1003
Indianapolis, IN 46204-2251

Re: 2024 Air Emission Statement – Covering RY 2023
MasterBrand Cabinets Inc.
1002 Eisenhower Drive North
Goshen, IN 46526
Permit #T039-41188-00014

Dear Mr. Koch:

BCA Environmental Consultants, LLC is pleased to submit the enclosed signed Certification Form for the 2024 Air Emission Statement on behalf of our client, MasterBrand Cabinets Inc., located at the above referenced address. The Air Emission Statement is required by the Title V Permit Renewal that was issued to this facility on July 2, 2020. RY 2023 emissions data for this facility is now available on-line via the Emission Inventory Tracking System (EMITS). As you instructed, please also find enclosed a printed copy of the detailed emissions report from EMITS.

If you should have any questions or require additional information, please feel free to contact me directly at (574) 971-1530 or via email at gvancamp@bcaconsultants.com.

Sincerely,
BCA ENVIRONMENTAL CONSULTANTS, L.L.C.

A handwritten signature in blue ink that reads "Gabrielle VanCamp". The signature is written in a cursive, flowing style.

Gabrielle VanCamp
Project Scientist

Enclosures

cc: Alex Tomash, MasterBrand Cabinets Inc.

www.BCAconsultants.com

South Bend (574) 522-1019 • Indianapolis (317) 578-4233 • Louisville (502) 890-7702



AES-01

AIR EMISSION STATEMENT CERTIFICATION

State Form 52052 (3-05)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality
 Technical Support and Modeling Section - Mail Code 61-51
 100 N. Senate Avenue
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
<http://www.emissions.IN.gov/>

Instructions:

- This is a required form for each air emission statement as well as any modifications.
- The certification supplied with a source's permit may be used in lieu of this form
- "Responsible Official" has the same meaning as defined in 326 IAC (34), and is usually designated in the General Information section of the permit.

Part A: Contact Information

Part A is intended to provide basic information about the company submitting an Air Emission Statement and information on the Air Emission Statement preparer in case there is a question about the report.

1. Company Name: MasterBrand Cabinets Inc	2. Source ID: 1803900014
3. Mailing Address: 1002 Eisenhower Drive North	
City: Goshen	State: IN ZIP Code: 46526
4. Name of Emission Statement Preparer: Gabrielle VanCamp	
5. Title of Emission Statement Preparer (optional): Consultant	
6. Telephone Number: (574)-971-1530	7. Facsimile Number (optional):
8. Electronic Mail Address (optional): gvancamp@bcaconsultants.com	

Part B: Emissions Summary

Part B is intended to aid in the review of data and to collect information about billable hazardous air pollutants

Emissions Statement Pollutants (Plant Wide)	Tons Emitted
Ammonia	0.1893
Carbon Monoxide (CO)	4.9690
Condensable Particulate Matter (PM-CON)	0.3372
Filterable Particulate Matter <10 Microns (PM10-FIL)	2.7775
Lead (PB)	0.0000
Nitrogen Dioxide (NO2)	5.9155
Primary PM2.5, Filterable Portion Only	2.7775
Sulfur Dioxide (SO2)	0.0355
Volatile Organic Compounds (VOC)	154.6454
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
No Billable Hazardous Air Pollutants reported!	0.0000

Part C: Signature of Responsible Official

I hereby certify that the information in this emission statement is accurate based on reasonable estimates using data available to the preparer and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Bart Boeglin
Name of Responsible Official (typed or printed)

VP of operations
Title of Responsible Official

Bart Boeglin
Signature of Responsible Official

6/24/24
Date (month, day, year)

Facility Emission Detail

MasterBrand Cabinets Inc

Plant ID:1803900014

Report for 2023

Location: 1002 Eisenhower Dr N,Goshen,46526

NAICS: 33711 Wood Kitchen Cabinet and Countertop Manufacturing

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.1893
CO	Carbon Monoxide	4.9690
7439921	Lead	0.0000
NOX	Nitrogen Oxides	5.9155
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.3372
PM10-FIL	Primary PM10, Filterable Portion Only	2.7775
PM25-FIL	Primary PM2.5, Filterable Portion Only	2.7775
SO2	Sulfur Dioxide	0.0355
VOC	Volatile Organic Compounds	154.6454

Group ID: 001		Group Description: Finishing		
Percent Quarterly Throughput				
Winter: 25	Spring: 27	Summer: 24	Fall: 24	
Days Per Week: 5	Weeks Per Year: 50	Hours Per Day: 16	Hours Per Year: 4000	
Process ID: 01		Process Description: Finishing		
SCC:	40201901	Stack:	1	
	Surface Coating Operations	Description:	FINISHING	
	Wood Furniture Surface Coating	Stack Type:	Fugitive	
	Coating Operation	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	135.03 Tons	Gas Flow:	0	
Material:	Solvent in Coating	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	94	1.3
PM25-FIL	Material Balance	0	94	1.3
VOC	Material Balance	0	0	154.32

MasterBrand Cabinets Inc

Plant ID:1803900014

Report for 2023

Location: 1002 Eisenhower Dr N,Goshen,46526

NAICS: 33711 Wood Kitchen Cabinet and Countertop Manufacturing

Group ID: 002		Group Description: Natural Gas		
Percent Quarterly Throughput				
Winter: 43	Spring: 22	Summer: 15	Fall: 20	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 02		Process Description: Natural Gas Heaters		
SCC:	10500106	Stack:	0	
	Space Heaters	Description:	No Stack Associated	
	Industrial	Stack Type:	Fugitive	
	Natural Gas	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	97.63 Million Cubic Feet	Gas Flow:	0	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	4.1005
NH3	EPA Emission Factor	3.2	0	0.1562
NOX	EPA Emission Factor	100	0	4.8815
PM10-FIL	EPA Emission Factor	3	0	0.1464
PM25-FIL	EPA Emission Factor	3	0	0.1464
PM-CON	EPA Emission Factor	5.7	0	0.2782
SO2	EPA Emission Factor	0.6	0	0.0293
VOC	EPA Emission Factor	5.5	0	0.2685
7439921	EPA Emission Factor	0.0005	0	0.0000

MasterBrand Cabinets Inc

Plant ID:1803900014

Report for 2023

Location: 1002 Eisenhower Dr N,Goshen,46526

NAICS: 33711 Wood Kitchen Cabinet and Countertop Manufacturing

Process ID: Boiler		Process Description: Hot water heaters		
SCC:	10500106	Stack:	Boiler	
	Space Heaters	Description:	Hot water boilers	
	Industrial	Stack Type:	Vertical	
	Natural Gas	Height:	20	
Heat Content:	0	Diameter:	1	
Sulfur Content:	0	Temperature:	200	
Ash Content:	0	Velocity:	5	
Throughput:	5.15 Million Cubic Feet	Gas Flow:	236	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	0.2163
NH3	EPA Emission Factor	3.2	0	0.0082
NOX	EPA Emission Factor	100	0	0.2575
PM10-FIL	EPA Emission Factor	3	0	0.0077
PM25-FIL	EPA Emission Factor	3	0	0.0077
PM-CON	EPA Emission Factor	5.7	0	0.0147
SO2	EPA Emission Factor	0.6	0	0.0015
VOC	EPA Emission Factor	5.5	0	0.0142
7439921	EPA Emission Factor	0.0005	0	0.0000

MasterBrand Cabinets Inc

Plant ID:1803900014

Report for 2023

Location: 1002 Eisenhower Dr N,Goshen,46526

NAICS: 33711 Wood Kitchen Cabinet and Countertop Manufacturing

Process ID: RTO		Process Description: RTO		
SCC:	10500106	Stack:	RTO	
	Space Heaters	Description:	RTO	
	Industrial	Stack Type:	Vertical	
	Natural Gas	Height:	30	
Heat Content:	0	Diameter:	4.8	
Sulfur Content:	0	Temperature:	200	
Ash Content:	0	Velocity:	39.6	
Throughput:	15.53 Million Cubic Feet	Gas Flow:	43000	
Material:	Natural Gas	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	0.6523
NH3	EPA Emission Factor	3.2	0	0.0248
NOX	EPA Emission Factor	100	0	0.7765
PM10-FIL	EPA Emission Factor	3	0	0.0233
PM25-FIL	EPA Emission Factor	3	0	0.0233
PM-CON	EPA Emission Factor	5.7	0	0.0443
SO2	EPA Emission Factor	0.6	0	0.0047
VOC	EPA Emission Factor	5.5	0	0.0427
7439921	EPA Emission Factor	0.0005	0	0.0000

MasterBrand Cabinets Inc

Plant ID:1803900014

Report for 2023

Location: 1002 Eisenhower Dr N,Goshen,46526

NAICS: 33711 Wood Kitchen Cabinet and Countertop Manufacturing

Group ID: 003		Group Description: Woodworking Operations		
Percent Quarterly Throughput				
Winter: 25	Spring: 20	Summer: 28	Fall: 27	
Days Per Week: 5	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 4000	
Process ID: 01		Process Description: Dust Collection		
SCC:	30702002	Stack:	3	
	Pulp and Paper and Wood Products	Description:	DUST COLLECTION	
	Furniture Manufacture	Stack Type:	Fugitive	
	Machine Room	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	6738.5 Tons	Gas Flow:	0	
Material:	Sawdust	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Manufacturer Specification	0	99.9	1.3
PM25-FIL	Manufacturer Specification	0	99.9	1.3