# State of Nebraska Department of Environmental Quality 2011 AIR EMISSIONS INVENTORY

#### **FORM 1.0 GENERAL INFORMATION**

Facility Name		Facility ID #	SIC Code(s)
CNH America LLC		24371	3523
Facility Location (Address or Directions)		City or Nearest Community	Zip Code
3445 W Stolley Park F Hwy30/34Jct-0.5S;SW	Rd /Cnr JctHwy281&StolleyPkRd	Grand Island	68803-5604
Facility Mailing Address		City, State	Zip Code
PO Box 4902		Grand Island, NE	68802-4902
County Name	Classification	Facility Phone Numb	per Facility Contact
		(308) 389-5757	Matt Boerkircher
		Facility Fax Number	Email Address
Hall	Class 1	(308) 389-5793	matt.boerkircher@cnh.com

#### Fill out the information below after completing all applicable forms.

#### **EMISSIONS STATEMENT**

#### **Total Plant Emissions (Tons Per Year)**

СО	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
3.59	0.14	4.27	0.00	0.32	0.32	0.03	201.99	1.66	1.83

#### **Chargeable Emissions (Tons)**

СО	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
NO FEES	NO FEES	4.27	0.00	0.32	NO FEES	0.03	201.99	1.66	1.83

#### **CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS**

Note: This certification must be signed by a responsible official as defined in Title 129. Unsigned inventories will be considered incomplete and may be subject to penalties.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this inventory are true, accurate, and complete.

Signature of Responsible Official	Name & Title (printed)	Date

REMEMBER TO SIGN THIS REPORT. ALL INVENTORIES MUST BE COMPLETED IN A PERMANENT TYPE MARKER.

#### **FORM 1.1 PROCESS FLOW DIAGRAM**

Facility Name	Facility ID#	Year of Inventory	
CNH America LLC	24371	2011	

#### **Process Number**

1 Raw Steel: Incoming

2 Lasers: Raw steel cut by lasers into cut pieces

3 Press Brakes: Formation on parts

4 Welding: Welding of metal

5 Painting: Painting of parts

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	<b>Process</b>	Numbers	Control Devices
	5.01	4814 Paint Stripper Tank	
	5.02	7960 Hot Water Boiler for Pretreatment System (MACT)	
	5.03	7962 E Coat System	
	5.04	7965 E Coat Oven	
	5.05	7969 Inspection & Prep Booth Sanding & AMU	
	5.06	7972 Top Coat Oven	
	5.07	7988 Top Coat Booth #1 & AMU	Water Wash Control PM10 Overspray
	5.08	7989 Top Coat Booth # 2 & AMU	PM10 Overspray 98% Waterwash
	5.09	7996 Burn Off Oven (Box)	Afterburner PM
	5.10	8903 Index System Washwater Heater	
	5.11	8907 Index Paint System Booth #1 Primer AMU	Dry Filters PM10 Overspray 98%
	5.12	8908 Booth #2 Topcoat AMU	Dry Filters PM 10 Overspray
	5.13	8909 Index Paint System Cure Oven	
	5.14	00NP1 Plant Wide Maintenance Parts Washer	

## 6 Assembly: Assembly of parts

**5.15** 8912 Burn Off Oven(Burn Box 2)

Process	Process Numbers					
6.01	7975 #1 Touch Up Paint Booth & AMU					
6.02	7982 #2 Paint Touch Up Booth & AMU					
6.03	00NP2 Plant Wide Aerosols (60%)					
6.04	00T1 Tank 1 - Motor/Engine Oil					
6.05	00T2 Tank 2 - Diesel					
6.06	00T3 Tank 3 - Hytran					
6.07	00T4 Tank 4 - Ethylene Glycol					
6.08	00T5 Tank 5 - Haytool/Hydraulic Oil					
6.09	00T6 Tank 6 - Gear Lube Oil					

**7** Shipping:

#### **Control Devices**

Afterburner PM

Control 1 Touch Up Booth

Facility Name	Facility ID#	Year of Inventory	
CNH America LLC	24371	2011	

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
4814	Natural	0.5000	0.5000	0.0635	0.3736	Paint Stripper Tank	
4014	Gas Mn	MmBtu/hr	MmBtu/hr	MmBtu/hr	MmCF	r aint othpper rank	
4814	Paint	NA	NA	NA	785.0000 Paint Stripper Tank		

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
4814	Steel (no lining)	40º 54' 01" N	098º 22' 92" W	24	.5	300	25400	5000

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7960	Natural Gas	12.5000 MmBtu/hr	12.5000 MmBtu/hr	1.5944 MmBtu/hr	9.3790 MmCF	Hot Water Boiler for Pretreatment	

## **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7960	Steel (no lining)	40º 54' 01" N	098° 22' 92" N	49	1.66	160	38	208

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530	-	,

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7962	Paint	NA	NA	NA	40536.0000 gal	E Coat System	
7962	None						

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7962								

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7965	Natural Gas	10.5000 MmBtu/hr	10.5000 MmBtu/hr	1.3338 MmBtu/hr	7.8456 MmCF	E Coat Oven	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7965	Steel (no lining)	40º 54' 01" N	098º 22' 92" W	41/49	2.83/2.83	325/325	36/36	58/58

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7969	Natural Gas	5.0000 MmBtu/hr	5.0000 MmBtu/hr	0.6351 MmBtu/hr	3.7360 MmCF	Inspection & Prep Booth Sanding &	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7969	Steel (no lining)	40º 54' 01" N	098º 22' 92" W	56	3.92	72	41	83

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7972	Natural Gas	12.0000 MmBtu/hr	12.0000 MmBtu/hr	1.5243 MmBtu/hr	8.9664 MmCF	Top Coat Oven	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

	cess nber	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
79	72	Steel (no lining)	40º 54' 01" N	098° 22' 92" W	41	2.83	200	36	25

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7975	Natural Gas	6.6000 MmBtu/hr	6.6000 MmBtu/hr	0.8384 MmBtu/hr	4.9315 MmCF	#1 Touch Up Paint Booth & AMU	
7975	Paint	NA	NA	NA	269.0859 gal	#1 Touch Up Paint Booth & AMU	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
7975	2003	Control 1 Touch Up Booth	PM10	99%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7975	Steel (no lining) 2 stacks - per stack		098° 22' 92" W	22	4	Ambient	27,000	33,885

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530	-	,

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7982	Natural	6.6000	6.6000	0.8384	4.9315	#2 Paint Touch Up	
	Gas	MmBtu/hr	MmBtu/hr	MmBtu/hr	MmCF	Booth & AMU	
7982	Paint	NA	NA	NA	296.0859	#2 Paint Touch Up	
1902	Pairit	INA	INA	INA	gal	Booth & AMU	

# **Air Pollution Control Equipment Information**

	Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
ſ					

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7982	Steel (no lining) 2 stacks - per stack	40º 54' 01" N	098º 22' 92" W	26	4	Ambient	3,000	32,000

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7988	Natural Gas	10.8500 MmBtu/hr	10.8500 MmBtu/hr	1.3782 MmBtu/hr	8.1071 MmCF	Top Coat Booth #1 & AMU	
7988	Paint	NA	NA	NA	21420.6848 gal	Top Coat Booth #1 & AMU	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
7988	2004	Water Wash Control PM10	PM10	98%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7988	Steel (no lining) 3 stacks - per stack	40º 54' 01" N	098° 22' 92" W	64	4.58	Ambient	40	118,500

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7989	Natural Gas	10.8500 MmBtu/hr	10.8500 MmBtu/hr	1.3782 MmBtu/hr	8.1071 MmCF	Top Coat Booth # 2 & AMU	
7989	Paint	NA	NA	NA	20038.3411 gal	Top Coat Booth # 2 & AMU	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
7989	2004	PM10 Overspray 98%	PM10	98%

Process Number	i (incliiding lining	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7989	Steel (no lining) 3 stacks - Data per stack	40º 54' 01" N	098º 22' 92" W	64	4.58	Ambient	40	118,500

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
7996	Natural Gas	2.0510 MmBtu/hr	2.0510 MmBtu/hr	0.2605 MmBtu/hr	1.5325 MmCF	Burn Off Oven (Box)	

## **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
7996	null	Afterburner PM	PM10	95%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
7996	Steel Stack	40º 54' 01' N	098° 22' 92' W	26	1.5	1800	22.27	2360

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
8903	Natural Gas	8.0000 MmBtu/hr	8.0000 MmBtu/hr	1.0162 MmBtu/hr	5.9776 MmCF	Index System Washwater Heater	

## **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
8903	Steel (no lining)	40º 54' 01" N	098º 22' 92" W	45	1.66	180	23	3,800

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year	
24	5	50	6000	
Normal Business Hours:	0700-1530			

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
8907	Natural Gas	7.0000 MmBtu/hr	7.0000 MmBtu/hr	0.8892 MmBtu/hr	5.2304 MmCF	Index Paint System Booth #1 Primer	
8907	Paint	NA	NA	NA	12054.8500 gal	Index Paint System Booth #1 Primer	

# **Air Pollution Control Equipment Information**

Process Number	1		Pollutant(s) Removed	Control Efficiency
8907	2008	Dry Filters PM10 Overspray	PM10	98%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
8907	Steel (no lining) 4 stacks - per stack	40º 54' 01" N	098º 22' 92" W	45	2.83	Ambient	79	38,000

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530	-	

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
8908	Natural Gas	7.0000 MmBtu/hr	7.0000 MmBtu/hr	0.8892 MmBtu/hr	5.2304 MmCF	Booth #2 Topcoat AMU	
8908	Paint	NA	NA	NA	43498.1800 gal	Booth #2 Topcoat AMU	

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
8908	2008	Dry Filters PM 10 Overspray	PM10	98%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
8908	Steel (no lining) 4 stacks - per stack	40º 54' 01" N	098º 22' 92" W	45	2.83	Ambient	79	38,000

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
8909	Natural Gas	14.0000 MmBtu/hr	14.0000 MmBtu/hr	1.7783 MmBtu/hr	10.4608 MmCF	Index Paint System Cure Oven	

## **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
8909	Steel (no lining) 2 stacks - per stack	40º 54' 01" N	098º 22' 92" W	45	.83	Ambient	46	1900

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
8912	Natural Gas	0.8000 MmBtu/hr	0.8000 MmBtu/hr	0.1016 MmBtu/hr	0.5977 MmCF	Burn Off Oven(Burn Box 2)	

## **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency
8912	2007	Afterburner PM	PM10	95%

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
8912	Steel - 1 stack w/insulated lining	40 54' 01" N	98 22'92" W	40	1.5	1520	16.4	1737

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Facility Operating Schedule**

Hours of Operation/Day	Days of Operation/Week	Weeks of Operation/Year	Hours of Operation/Year
24	5	50	6000
Normal Business Hours:	0700-1530		

# **Operating Rate Data**

Process Number	Type of Material	Design Capacity	Nameplate Capacity	Raw Material Hourly Throughput	Raw Material Actual Annual Throughput	Product Description	Final Product Actual Annual Throughput
00NP2	Paint	NA	NA	NA	612.2031 gal	Plant Wide Aerosols (60%)	
00NP2	None						

# **Air Pollution Control Equipment Information**

Process Number	Date Installed	Description of Control Device	Pollutant(s) Removed	Control Efficiency

Process Number	Stack Description (including lining type)	Latitude	Longitude	Height (ft)	Inside Diameter (ft)	Exit Gas Temperature (Deg F)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (Cu ft/min)
00NP2								

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

#### **Point Identification**

Point No.	Process Number	Point Description		
4814	5.01	Paint Stripper Tank		
Source Classification Code (SCC)	SCC Description			
1-02-006-03	External C	External Combustion - Nat Gas - <10 MmBTU/hr		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}	
Nat Gas	0.3736	84.0000	AP 42 Fire 6.25	NA	0.0157	
СО	MmCF	lb/MmCF	AF 42 THE 0.23	IVA	0.0137	
Nat Gas	0.3736	100.0000	AP 42 Fire 6.25	NA	0.0197	
NOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0187	
Nat Gas	0.3736	0.0000	AP 42 Fire 6.25	NA	0.0000	
Lead	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0000	
Nat Gas	0.3736	7.6000	AP 42 Fire 6.25	NA	0.0014	
PM 10	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0014	
Nat Gas	0.3736	7.6000	AP 42 Fire 6.25	NA	0.0014	
PM 2.5	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0014	
Nat Gas	0.3736	0.6000	AP 42 Fire 6.25	NA	0.0001	
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0001	
Nat Gas	0.3736	5.5000	AP 42 Fire 6.25	NA	0.0010	
VOC	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0010	
Nat Gas	0.3736	3.2000	AP 42 Fire 6.25	NA	0.0006	
NH3	MmCF	lb/MmCF	AF 42 FIIE 6.25	INA	0.0006	

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

#### **Point Identification**

Point No.	Process Number	Point Description
4814	5.01	Paint Stripper Tank
Source Classification Code (SCC)	SCC Description	
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	null lb/gal	Vendor Information	NA	null

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

#### **Point Identification**

Point No.	Process Number	Point Description
4814	5.01	Paint Stripper Tank
Source Classification Code (SCC)	SCC Description	
6-82-400-30	Petroelum and Solvent Evap- Application, Degradation and Coating	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	785.0000 gal	7.0180 lb/gal	Vendor Information	NA	2.7546

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

Point No.	Process Number	Point Description
7960	5.02	Hot Water Boiler for Pretreatment
Source Classification Code (SCC)	SCC Description	
1-02-006-02	External Combustion - Nat Gas - 10-100 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	9.3790	84.0000	AP 42 Fire 6.25	NA	0.3939
СО	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.3939
Nat Gas	9.3790	100.0000	AD 42 Fire 6.25	NΙΛ	0.4600
NOx	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.4690
Nat Gas	9.3790	0.0005	AP 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AP 42 File 6.25	IVA	0.0000
Nat Gas	9.3790	7.6000	AP 42 Fire 6.25	NA	0.0356
PM 10	MmCF	lb/MmCF	AP 42 File 0.25	INA	0.0336
Nat Gas	9.3790	7.6000	AP 42 Fire 6.25	NA	0.0356
PM 2.5	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0330
Nat Gas	9.3790	0.6000	AP 42 Fire 6.25	NA	0.0028
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0020
Nat Gas	9.3790	5.5000	AD 42 Fire 6 25	NA	0.0258
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25 NA		0.0256
Nat Gas	9.3790	3.2000	AD 42 Fire 6.25	NA	0.0150
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25 NA		0.0150

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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## **Point Identification**

Point No.	Process Number	Point Description
7962	5.03	E Coat System
Source Classification Code (SCC)	SCC Description	
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	40536.0000 gal	0.1717 lb/gal	Vendor Information	NA	3.4798

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
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#### **Point Identification**

Point No.	Process Number	Point Description
7965	5.04	E Coat Oven
Source Classification Code (SCC)	SCC Description	
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	7.8456	84.0000	AP 42 Fire 6.25	NA	0.3295
СО	MmCF	lb/MmCF	AP 42 FIIE 6.25	IVA	0.3295
Nat Gas	7.8456	100.0000	AP 42 Fire 6.25	NA	0.2022
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.3923
Nat Gas	7.8456	0.0000	AD 40 Eiro C 0E	NΛ	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0000
Nat Gas	7.8456	7.6000	AP 42 Fire 6.25	NA	0.0298
PM 10	MmCF	lb/MmCF		INA	0.0296
Nat Gas	7.8456	7.6000	AP 42 Fire 6.25	NA	0.0298
PM 2.5	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.0296
Nat Gas	7.8456	0.6000	AP 42 Fire 6.25	NA	0.0024
SOx	MmCF	lb/MmCF		INA	0.0024
Nat Gas	7.8456	5.5000	AD 40 Eins 6 05	NA	0.0216
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0216
Nat Gas	7.8456	3.2000	AD 42 Eiro 6 25	NΛ	0.0126
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0126

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

Point No	).	Process Number	Point Description	
	7969	5.05	Inspection & Prep Booth Sanding &	
Source Classification Code (SCC)		SCC Description		
	1-02-006-03	External C	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	3.7360	84.0000	AP 42 Fire 6.25	NA	0.4500
СО	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.1569
Nat Gas	3.7360	100.0000	AP 42 Fire 6.25	NA	0.1868
NOx	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.1000
Nat Gas	3.7360	0.0000	AP 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0000
Nat Gas	3.7360	7.6000	AP 42 Fire 6.25	NA	0.0142
PM 10	MmCF	lb/MmCF		INA	0.0142
Nat Gas	3.7360	7.6000	AP 42 Fire 6.25	NA	0.0142
PM 2.5	MmCF	lb/MmCF		INA	0.0142
Nat Gas	3.7360	0.6000	AP 42 Fire 6.25	NA	0.0011
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0011
Nat Gas	3.7360	5.5000	AD 40 Fire C 05	NΛ	0.0103
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	Fire 6.25 NA	0.0103
Nat Gas	3.7360	3.2000	AP 42 Fire 6.25	NA	0.0060
NH3	MmCF	lb/MmCF	AF 42 FIIE 6.25	INA	0.0000

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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## **Point Identification**

Point No.	Process Number	Point Description	
7969	5.05	Inspection & Prep Booth Sanding &	
Source Classification Code (SCC)	SCC Description	SCC Description	
4-02-001-10	Petroleum and Solve	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	0.0000 lb/gal	Vendor Information	NA	0.0000

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

Point No.	Process Number	Point Description
7972	5.06	Top Coat Oven
Source Classification Code (SCC)	SCC Description	
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	8.9664	84.0000	AD 40 Fire C 05	NΙΔ	0.0700
СО	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.3766
Nat Gas	8.9664	100.0000	AD 42 Eiro 6 25	NΛ	0.4492
NOx	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.4483
Nat Gas	8.9664	0.0000	AP 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AP 42 FIIE 0.25	INA	0.0000
Nat Gas	8.9664	7.6000	AP 42 Fire 6.25	NA	0.0341
PM 10	MmCF	lb/MmCF	AF 42 File 0.23	INA	0.0541
Nat Gas	8.9664	7.6000	AP 42 Fire 6.25	NA	0.0341
PM 2.5	MmCF	lb/MmCF	A1 42 1 116 0.25	INA	0.0541
Nat Gas	8.9664	0.6000	AP 42 Fire 6.25	NA	0.0027
SOx	MmCF	lb/MmCF	AF 42 THE 0.23	INA	0.0021
Nat Gas	8.9664	5.5000	AP 42 Fire 6.25	NA	0.0247
VOC	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0247
Nat Gas	8.9664	3.2000	AP 42 Fire 6.25	NA	0.0143
NH3	MmCF	lb/MmCF	AF 42 FIIE 0.23	INA	0.0143

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

Point No.	Process Number	Point Description
7988	5.07	Top Coat Booth #1 & AMU
Source Classification Code (SCC)	SCC Description	
1-02-006-02	External Combustion - Nat Gas - 10-100 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}	
Nat Gas	8.1071	84.0000	AP 42 Fire 6.25	NA	0.3405	
СО	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.3405	
Nat Gas	8.1071	100.0000	AP 42 Fire 6.25	NA	0.4054	
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.4054	
Nat Gas	8.1071	0.0005	AD 42 Fire 6.25	NΑ	0.0000	
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	e 6.25 NA	0.0000	
Nat Gas	8.1071	7.6000	AP 42 Fire 6.25	NA	0.0308	
PM 10	MmCF	lb/MmCF		IVA	0.0306	
Nat Gas	8.1071	7.6000	AP 42 Fire 6.25	NA	0.0308	
PM 2.5	MmCF	lb/MmCF	AP 42 File 6.25	IVA	0.0306	
Nat Gas	8.1071	0.6000	AP 42 Fire 6.25	NA	0.0024	
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	NΑ	0.0024	
Nat Gas	8.1071	5.5000	AD 40 Eiro C 05	NΛ	0.0222	
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0223	
Nat Gas	8.1071	3.2000	AD 42 Fire 6.25	NIA	0.0120	
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0130	

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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# **Point Identification**

Point No.	Process Number	Point Description
7988	5.07	Top Coat Booth #1 & AMU
Source Classification Code (SCC)	SCC Description	
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Inrougnput	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)*
1 Gilatain	(A)	(Ib/aiiit) (b)	Jourse	(110 00111101 = 1110101103,	{A x B x C/2000}

Facility Name	Facility ID#	Year of Inventory
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## **Point Identification**

	Point No.	Process Number	Point Description	
	7988	5.07	Top Coat Booth #1 & AMU	
Ī	Source Classification Code (SCC)	SCC Description		
l	4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	21420.6848 gal	3.4673 lb/gal	Vendor Information	NA	37.1363

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

Point No.	Process Number	Point Description
7989	5.08	Top Coat Booth # 2 & AMU
Source Classification Code (SCC)	SCC Description	
1-02-006-02	External Combustion - Nat Gas - 10-100 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}	
Nat Gas	8.1071	84.0000	AP 42 Fire 6.25	NA	0.3405	
СО	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.3405	
Nat Gas	8.1071	100.0000	AP 42 Fire 6.25	NA	0.4054	
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.4054	
Nat Gas	8.1071	0.0005	AD 42 Fire 6.25	NΑ	0.0000	
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	e 6.25 NA	0.0000	
Nat Gas	8.1071	7.6000	AP 42 Fire 6.25	NA	0.0308	
PM 10	MmCF	lb/MmCF		IVA	0.0306	
Nat Gas	8.1071	7.6000	AP 42 Fire 6.25	NA	0.0308	
PM 2.5	MmCF	lb/MmCF	AP 42 File 6.25	IVA	0.0306	
Nat Gas	8.1071	0.6000	AP 42 Fire 6.25	NA	0.0024	
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	NΑ	0.0024	
Nat Gas	8.1071	5.5000	AD 40 Eiro C 05	NΛ	0.0222	
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0223	
Nat Gas	8.1071	3.2000	AD 42 Fire 6.25	NIA	0.0120	
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0130	

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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# **Point Identification**

Point No.	Process Number	Point Description
7989	5.08	Top Coat Booth # 2 & AMU
Source Classification Code (SCC)	SCC Description	
1-02-006-03 External		ombustion - Nat Gas - <10 MmBTU/hr

Air Pollutant	Inrougnput	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)*
1 Gilatain	(A)	(Ib/aiiit) (b)	Jourse	(110 00111101 = 1110101103,	{A x B x C/2000}

Facility Name	Facility ID#	Year of Inventory
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#### **Point Identification**

Point No.	Process Number	Point Description		
7989	5.08	Top Coat Booth # 2 & AMU		
Source Classification Code (	SCC) SCC Descrip	otion		
4-02-001-10	Petroleum and	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	20038.3411 gal	3.4618 lb/gal	Vendor Information	NA	34.6848

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

	Point No. Process Number Point Descr		Point Description
	7996	5.09	Burn Off Oven (Box)
Ī	Source Classification Code (SCC)	SCC Description	
ı	1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	1.5325	84.0000	AP 42 Fire 6.25	NA	0.0644
СО	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.0044
Nat Gas	1.5325	100.0000	AP 42 Fire 6.25	NA	0.0766
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.0766
Nat Gas	1.5325	0.0000	AD 42 Eiro 6 25	NA	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0000
Nat Gas	1.5325	7.6000	AP 42 Fire 6.25	NA	0.0058
PM 10	MmCF	lb/MmCF	AP 42 FIFE 6.25	INA	0.0056
Nat Gas	1.5325	7.6000	AP 42 Fire 6.25	NA	0.0058
PM 2.5	MmCF	lb/MmCF	AP 42 FIFE 6.25	INA	0.0056
Nat Gas	1.5325	0.6000	AP 42 Fire 6.25	NA	0.0005
SOx	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.0005
Nat Gas	1.5325	5.5000	AD 42 Eiro 6 25	NA	0.0042
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0042
Nat Gas	1.5325	3.2000	AD 42 Fire 6.25	NA	0.0005
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0025

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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#### **Point Identification**

	Point No.	Process Number	Point Description
	8903	5.10	Index System Washwater Heater
Ī	Source Classification Code (SCC)	SCC Description	
l	1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	5.9776	84.0000	AP 42 Fire 6.25	NA	0.2511
СО	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.2511
Nat Gas	5.9776	100.0000	AP 42 Fire 6.25	NA	0.2989
NOx	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.2909
Nat Gas	5.9776	0.0000	AP 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AF 42 File 0.25		
Nat Gas	5.9776	7.6000	AP 42 Fire 6.25	NA	0.0227
PM 10	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0227
Nat Gas	5.9776	7.6000	AP 42 Fire 6.25	NA	0.0227
PM 2.5	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0221
Nat Gas	5.9776	0.6000	AP 42 Fire 6.25	NA	0.0018
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0016
Nat Gas	5.9776	5.5000	AP 42 Fire 6.25	NA	0.0164
VOC	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0164
Nat Gas	5.9776	3.2000	AD 42 Fire 6.25	NA	0.0096
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0096

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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# **Point Identification**

Point No.	Process Number	Point Description	
8903	5.10 Index System Washwater Heater		
Source Classification Code (SCC)	SCC Description		
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	null lb/gal	Vendor Information	NA	null

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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# **Point Identification**

	Point No.	Process Number	Point Description	
	8903	5.10	Index System Washwater Heater	
Source Classification Code (SCC) SCC Description				
l	4-02-006-10	Petroleum and Solvent Evap - Primer - Surface Coating Application		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	null lb/gal	Vendor Information	NA	null

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

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## **Point Identification**

Point No.	Process Number	Point Description
8907	5.11	Index Paint System Booth #1 Primer
Source Classification Code (SCC)	SCC Description	
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	5.2304	84.0000	AP 42 Fire 6.25	NA	0.2197
СО	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.2197
Nat Gas	5.2304	100.0000	AP 42 Fire 6.25	NA	0.0645
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.2615
Nat Gas	5.2304	0.0000	AD 42 Eiro 6 25	NΙΛ	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0000
Nat Gas	5.2304	7.6000	AP 42 Fire 6.25	NA	0.0199
PM 10	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0199
Nat Gas	5.2304	7.6000	AP 42 Fire 6.25 NA 0.01	0.0199	
PM 2.5	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0199
Nat Gas	5.2304	0.6000	AP 42 Fire 6.25	NA	0.0016
SOx	MmCF	lb/MmCF	AF 42 File 0.25	NA	0.0010
Nat Gas	5.2304	5.5000	AP 42 Fire 6.25	NΙΔ	0.0144
VOC	MmCF	lb/MmCF	AF 42 FIIE 0.25	NA	0.0144
Nat Gas	5.2304	3.2000	AD 42 Eiro 6 25	NA	0.0094
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25		0.0084

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
8907	5.11	Index Paint System Booth #1 Primer	
Source Classification Code (SCC)	SCC Description	SCC Description	
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	3072.8500 gal	2.1646 lb/gal	Vendor Information	NA	3.3257

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
8907	5.11 Index Paint System Booth #1 Prim		
Source Classification Code (SCC)	SCC Description		
4-02-006-10	Petroleum and Solvent Evap - Primer - Surface Coating Application		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	8982.0000 gal	3.0385 lb/gal	Vendor Information	NA	13.6459

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

	Point No.	Process Number	Point Description	
	8908	5.12	Booth #2 Topcoat AMU	
Ī	Source Classification Code (SCC)	SCC Description		
ı	1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	5.2304	84.0000	AD 42 Fire 6 25	NA	0.2197
СО	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.2197
Nat Gas	5.2304	100.0000	AD 42 Eiro 6 25	NΙΛ	0.2615
NOx	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.2615
Nat Gas	5.2304	0.0000	AP 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0000
Nat Gas	5.2304	7.6000	AP 42 Fire 6.25	NA	0.0199
PM 10	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0199
Nat Gas	5.2304	7.6000	AP 42 Fire 6.25 NA 0.0	0.0199	
PM 2.5	MmCF	lb/MmCF	AF 42 I'lle 0.25	INA	0.0199
Nat Gas	5.2304	0.6000	AP 42 Fire 6.25	NA	0.0016
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0010
Nat Gas	5.2304	5.5000	AP 42 Fire 6.25	NA	0.0144
voc	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0144
Nat Gas	5.2304	3.2000	AP 42 Fire 6.25	NA	0.0084
NH3	MmCF	lb/MmCF	AF 42 FIIE 0.25		0.0004

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
8908	5.12	Booth #2 Topcoat AMU	
Source Classification Code (SCC)	SCC Description		
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	43498.1800 gal	4.7084 lb/gal	Vendor Information	NA	102.4041

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
8908	5.12	Booth #2 Topcoat AMU	
Source Classification Code (SCC)	SCC Description		
4-02-006-10	Petroleum and Solvent Evap - Primer - Surface Coating Application		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	0.0000 lb/gal	Vendor Information	NA	0.0000

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Point Identification**

Point No.	Process Number	Point Description	
8909	5.13	Index Paint System Cure Oven	
Source Classification Code (SCC)	SCC Description		
1-02-006-02	External Combustion - Nat Gas - 10-100 MmBTU/hr		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	10.4608	84.0000	AP 42 Fire 6.25	NA	0.4394
CO	MmCF	lb/MmCF	A1 42 1 116 0.23	IVA	0.4394
Nat Gas	10.4608	100.0000	AP 42 Fire 6.25	NA	0.5230
NOx	MmCF	lb/MmCF	AF 42 FIIE 6.25	INA	0.5230
Nat Gas	10.4608	0.0005	AD 42 Fire 6.25	NΑ	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0000
Nat Gas	10.4608	7.6000	AP 42 Fire 6.25	AD 40 Fire C 05	0.0398
PM 10	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0396
Nat Gas	10.4608	7.6000	AP 42 Fire 6.25 NA 0.039	0.0398	
PM 2.5	MmCF	lb/MmCF	AP 42 File 6.25	NA	0.0396
Nat Gas	10.4608	0.6000	AD 42 Eiro 6 25	NA	0.0021
SOx	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0031
Nat Gas	10.4608	5.5000	AD 42 Fire 6 25	NIA	0.0000
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0288
Nat Gas	10.4608	3.2000	AD 40 Eiro C 0E	<b>.</b>	0.0467
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0167

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
8909	5.13	Index Paint System Cure Oven	
Source Classification Code (SCC) SCC Description			
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	0.0000 gal	null lb/gal	Vendor Information	NA	null

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Point Identification**

	Point No.	Process Number	Point Description	
8912		5.15	Burn Off Oven(Burn Box 2)	
Ī	Source Classification Code (SCC)	SCC Description		
	1-02-006-02	External Combustion - Nat Gas - 10-100 MmBTU/hr		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	0.5977	84.0000	AP 42 Fire 6.25	NA	0.0251
СО	MmCF	lb/MmCF	AP 42 FIIE 6.25	IVA	0.0251
Nat Gas	0.5977	100.0000	AP 42 Fire 6.25	NA	0.0200
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.0299
Nat Gas	0.5977	0.0005	AP 42 Fire 6.25 NA 0.0000	0.0000	
Lead	MmCF	lb/MmCF		INA	0.0000
Nat Gas	0.5977	7.6000	AP 42 Fire 6.25	NA	0.0023
PM 10	MmCF	lb/MmCF	AP 42 Fire 6.25	IVA	0.0023
Nat Gas	0.5977	7.6000	AP 42 Fire 6.25 NA 0.00	0.0023	
PM 2.5	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.0023
Nat Gas	0.5977	0.6000	AP 42 Fire 6.25	NA	0.0003
SOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	IVA	0.0002
Nat Gas	0.5977	5.5000	AD 42 Eiro 6 25	NIA	0.0016
VOC	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0016
Nat Gas	0.5977	3.2000	AD 42 Fire 6 25	NIA	0.0010
NH3	MmCF	lb/MmCF	AP 42 Fire 6.25	NA	0.0010

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
7975	6.01	#1 Touch Up Paint Booth & AMU	
Source Classification Code (SCC)	SCC Description		
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	4.9315	84.0000	AP 42 Fire 6.25	NA	0.2071
СО	MmCF	lb/MmCF	AF 42 File 0.25	INA	0.2071
Nat Gas	4.9315	100.0000	AP 42 Fire 6.25	NA	0.2466
NOx	MmCF	lb/MmCF	AP 42 FIIE 6.25	INA	0.2400
Nat Gas	4.9315	0.0000	AD 42 Eiro 6 25	NA	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0000
Nat Gas	4.9315	7.6000	AP 42 Fire 6.25 NA 0.0	0.0187	
PM 10	MmCF	lb/MmCF		INA	0.0167
Nat Gas	4.9315	7.6000	AP 42 Fire 6.25 NA 0.0	0.0187	
PM 2.5	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0107
Nat Gas	4.9315	0.6000	ΛD 42 Fire 6.25	NA	0.0015
SOx	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0015
Nat Gas	4.9315	5.5000	AP 42 Fire 6.25	NIA	0.0136
VOC	MmCF	lb/MmCF	AF 42 FIIE 0.25	NA	0.0130
Nat Gas	4.9315	3.2000	AP 42 Fire 6.25	NIA	0.0079
NH3	MmCF	lb/MmCF	AF 42 FIIE 6.25	NA	0.0079

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No. Process Number		Point Description	
7975	6.01 #1 Touch Up Paint Booth & AMU		
Source Classification Code (SCC)	SCC Description		
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	231.9531 gal	2.8793 lb/gal	Vendor Information	NA	0.3339

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Y Name Facility ID# Year of	
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
7975	6.01 #1 Touch Up Paint Booth & AMU		
Source Classification Code (SCC)	SCC Description	SCC Description	
4-02-006-10	Petroleum and Solvent Evap - Primer - Surface Coating Application		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	37.1328 gal	2.7940 lb/gal	Vendor Information	NA	0.0519

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID# Year of Inventory	
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description
7982	6.02	#2 Paint Touch Up Booth & AMU
Source Classification Code (SCC)	SCC Description	
1-02-006-03	External Combustion - Nat Gas - <10 MmBTU/hr	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
Nat Gas	4.9315	84.0000	AP 42 Fire 6.25	NA	0.2071
СО	MmCF	lb/MmCF	A1 42 1 116 0.25	IVA	0.2071
Nat Gas	4.9315	100.0000	AD 42 Fire 6 25	NA	0.2466
NOx	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.2466
Nat Gas	4.9315	0.0000	AD 42 Fire 6.25	NA	0.0000
Lead	MmCF	lb/MmCF	AP 42 Fire 6.25	INA	0.0000
Nat Gas	4.9315	7.6000	AP 42 Fire 6.25	NA	0.0187
PM 10	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.0167
Nat Gas	4.9315	7.6000	AP 42 Fire 6.25 NA 0	0.0187	
PM 2.5	MmCF	lb/MmCF	AP 42 File 6.25	INA	0.0167
Nat Gas	4.9315	0.6000	AP 42 Fire 6.25	NA	0.0015
SOx	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0015
Nat Gas	4.9315	5.5000	AP 42 Fire 6.25	NA	0.0126
voc	MmCF	lb/MmCF	AF 42 FIIE 0.25	INA	0.0136
Nat Gas	4.9315	3.2000	AP 42 Fire 6.25 NA	NIA	0.0070
NH3	MmCF	lb/MmCF		INA	0.0079

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description	
7982	6.02 #2 Paint Touch Up Booth & AMU		
Source Classification Code (SCC)	SCC Description	SCC Description	
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coating		

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	258.9531 gal	2.9614 lb/gal	Vendor Information	NA	0.3834

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description
7982	6.02	#2 Paint Touch Up Booth & AMU
Source Classification Code (SCC)	SCC Description	
4-02-006-10	Petroleum and Solvent Evap - Primer - Surface Coating Application	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	37.1328 gal	2.7940 lb/gal	Vendor Information	NA	0.0519

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description
00NP2	6.03	Plant Wide Aerosols (60%)
Source Classification Code (SCC)	SCC Description	
4-02-001-10	Petroleum and Solvent Evap - Paint / Solvent Blend - Surface Coa	

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	500.8359 gal	2.9228 lb/gal	Vendor Information	NA	0.7319

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

# **Point Identification**

Point No.	Process Number	Point Description
00NP2	6.03	Plant Wide Aerosols (60%)
Source Classification Code (SCC)	SCC Description	
4-02-006-10	Petroleum and Solv	rent Evap - Primer - Surface Coating Application

Air Pollutant	Annual Throughput (A)	Emission Factor (lb/unit) (B)	Emission Factor Source**	Emission Control (C) (1.0 - Control Efficiency)	Actual Emissions (tons/yr)* {A x B x C/2000}
voc	111.3672 gal	2.7940 lb/gal	Vendor Information	NA	0.1556

<sup>\*</sup> Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any cargeable emissions.

<sup>\*\*</sup> If the emission factors used are different from those noted in your permit make sure to indicate your source.

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
4814	Paint Stripper Tank	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2003	0.5000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
4814	0.3736 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7960	Hot Water Boiler for Pretreatment System (MACT)	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2002	12.5000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7960	9.3790 MmCF/yr	1-02-006-02
"Heat Content of Fuel (BTU/Fuel Unit)"	" <b>% Sulfur by Weight</b> " (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7965	E Coat Oven	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2003	10.5000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7965	7.8456 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7969	Inspection & Prep Booth Sanding & AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2003	5.0000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7969	3.7360 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7972	Top Coat Oven	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2003	12.0000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7972	8.9664 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7975	#1 Touch Up Paint Booth & AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2003	6.6000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7975	4.9315 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7982	#2 Paint Touch Up Booth & AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2003	6.6000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7982	4.9315 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7988	Top Coat Booth #1 & AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2004	10.8500	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7988	8.1071 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7989	Top Coat Booth # 2 & AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2004	10.8500	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7989	8.1071 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
7996	Burn Off Oven (Box)	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
	2.0510	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
7996	1.5325 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
8903	Index System Washwater Heater	External Combustion -Industrial -
	Maximum Design Rate	Fuel Type
Year Installed	(Million BTU/hr)	Primary / Secondary Fuel

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
8903	5.9776 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
8907	Index Paint System Booth #1 Primer AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	<b>Fuel Type</b> Primary / Secondary Fuel
2008	7.0000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
8907	5.2304 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
8908	Booth #2 Topcoat AMU	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2008	7.0000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
8908	5.2304 MmCF/yr	1-02-006-03
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category	
8909	Index Paint System Cure Oven	External Combustion -Industrial -	
Varanto atalia d	Maximum Design Rate	Fuel Type	
Year Installed	(Million BTU/hr)	Primary / Secondary Fuel	

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
8909	10.4608 MmCF/yr	1-02-006-02
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Unit I.D. No.	Equipment Description	Combustion Equipment Category
8912	Burn Off Oven(Burn Box 2)	External Combustion -Industrial -
Year Installed	Maximum Design Rate (Million BTU/hr)	Fuel Type Primary / Secondary Fuel
2007	0.8000	Natural Gas

Unit I.D. No.	Annual Throughput (Units/yr)	SCC Code
8912	0.5977 MmCF/yr	1-02-006-02
"Heat Content of Fuel (BTU/Fuel Unit)"	"% Sulfur by Weight" (Coal and Fuel Oil Only)	"% Ash by Weight" (Coal and Fuel Oil Only)
1020	NA	NA

#### FORM 4.0 HAZARDOUS AIR POLLUTANTS WORKSHEET

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

List any chemicals manufactured or used which appear on the enclosed list of 188 hazardous air pollutants covered by the Clean Air Act Amendment. NOTE: If a chemical is considered to be both a hazardous air pollutant (HAP) and a volatile organic compound (VOC), then report if only as a HAP on Form 4.0.

The reporting levels of hazardous air pollutants for emissions inventory purposes can be found on the enclosed list. This inventory report should include any single regulated hazardous air pollutant in a quantity greater than the reporting level noted. Also, any combination of hazardous air pollutants in a quantity greater than 2.5 tons must be reported as well.

HAP Chemical	Process Number(s)	CAS No.	Amount Used	Amount Emitted
Ethyl Benzene	5.11, 6.01, 6.02, 6.03,	100-41-4	334.3314	334.3314
Methyl Isobutyl Ketone	5.11, 6.01, 6.02, 6.03,	108-10-1	3315.4680	3315.4680
Toluene	5.07, 5.08,	108-88-3	482.9833	482.9833
Xylenes	5.07, 5.08, 5.11, 5.12, 6.01, 6.02, 6.03,	1330-20-7	2723.9146	2723.9146
Methyl Alcohol	5.07, 5.08,	67-56-1	1.3468	1.3468
Cumene	5.11, 5.12, 6.01,	98-82-8	115.4204	115.4204

Using the inforamtion above, indicate below the single HAP which was emitted in the greatest quantity (Greatest Single HAP):

HAP Chemical/CAS No.	Lbs/yr	*Tons/year { (lb/year) / 2000 }
Methyl Isobutyl Ketone	3315.4680	1.6577

Total all other HAPs. In order to avoid double counting emissions, DO NOT include the Greatest Single HAP in the totals below. The totals below will be referred to as the Other HAPs.

Total the of other LIADs smitted	3657.9965
Total lbs of other HAPs emitted =	lbs/yr
Total tana of other IIADs smitted ( total lbs/2000 )	1.8290
Total tons of other HAPs emitted { total lbs/2000 } =	*tons/yr

<sup>\*</sup>Transfer these tonnages to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of total plant emissions and any chargeable emissions. Be sure emissions are only counted once.

# FORM 10.0 PETROLEUM OR CHEMICAL STORAGE

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

# **General Information**

Tank I.D.	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)
00T1	July 2002	Fixed Roof AST

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Engine	17	10.5	10,000

# **Loading Information**

Tank I.D.	Type of Carrier	Loading Method	Vapor Recovery	% Efficiency of Recovery
00T1	Tanker Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

## **General Information**

Tank I.D	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)		
00T2	July 2002	Fixed Roof AST		

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Diesel	17	10.5	10,000

Tank I.D.	Type of Carrier	Loading Method	Vapor Recovery	% Efficiency of Recovery
00T2	Tanker Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

## **General Information**

Tank I.D.	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)
00T3	July 2002	Fixed Roof AST

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Hytran	17	10.5	10,000

Tank I.D.	Type of Carrier	Loading Method	Vapor Recovery	% Efficiency of Recovery
00T3	Tanker Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

## **General Information**

Tank I.D.	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)
00T4	July 2002	Fixed Roof AST

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Ethylene Glycol	17	10.5	10,000

Tank I.D.	Type of Carrier	Loading Method	Vapor Recovery	% Efficiency of Recovery
00T4	Tanker Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

## **General Information**

Tank I.D.	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)
00T5	September 2008	Fixed Roof AST

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Hydraulic Oil	17	10.5	10,000

Tank I.D.	Type of Carrier	Type of Carrier Loading Method		% Efficiency of Recovery
00T5	Tanker Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Fill out the information below for each tank over 5000 gallons in capacity.

## **General Information**

Tank I.D.	Date Constructed	Tank Type (fixed roof, floating roof, underground, etc)
00T6	January 2008	Fixed Roof AST

Contents (diesel, etc)	Height (ft)	Diameter (ft)	Capacity (gallons)
Gear Lube Oil	17	10.5	10,000

Tank I.D.	Type of Carrier	Loading Method	Vapor Recovery	% Efficiency of Recovery
00T6	Tank Truck - Common Carrier	Pumped from truck	false	NA

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
00T1	4-04-003-01	10	36.0000	1.0	360.0000
0011	4-04-003-01	10	lb/1000 Gal	1.0	lb/yr

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0074	4.04.002.02	44.2550	1.1000	1.0	12.4905
00T1	4-04-003-02	11.3550	lb/1000 Gal	1.0	lb/yr

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0074	4 04 000 50	44.2550	4.8000	4.0	54.5040
00T1	4-04-002-50	11.3550	lb/1000 Gal	1.0	lb/yr

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0072 4.04.002.01	10	36.0000	4.0	360.0000	
0012	00T2 4-04-003-01	10	lb/1000 Gal	1.0	lb/yr

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0072	00T2 4-04-003-02	4 04 002 02	1.1000	1.0	257.1646
0012		4-04-003-02 233.7860	lb/1000 Gal		lb/yr

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0072	00T2 4-04-002-50	4.04.000.50	4.8000	1.0	1122.1728
0012		4-04-002-50 233.7860	lb/1000 Gal		lb/yr

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0072 4.04.002.01	3 01	36.0000	4.0	360.0000	
0013	00T3 4-04-003-01	10	lb/1000 Gal	1.0	lb/yr

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
00T2	00T3 4-04-003-02	4.04.002.02	1.1000	1.0	309.9162
0013		4-04-003-02 281.7420	lb/1000 Gal		lb/yr

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0072	00T3 4-04-002-50	104 000 50	4.8000	1.0	1352.3616
0013		4-04-002-50 281.7420	lb/1000 Gal		lb/yr

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0074 4.07.056.03	6.03	0.0520	4.0	0.5200	
0014	00T4 4-07-056-03	10	lb/1000 Gal	1.0	lb/yr

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
00T4 4-07-056-04	56.04 40.2040	0.0020	1.0	0.0986	
	49.2910	lb/1000 Gal		lb/yr	

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0074	4 04 000 50	4.8000	4.0	236.5968	
0014	00T4   4-04-002-50	4-04-002-50 49.2910	lb/1000 Gal	1.0	lb/yr

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }	
00T5	0075 4 04 002 04	4-003-01	36.0000	1.0	360.0000	
0015	4-04-003-01	10	lb/1000 Gal	1.0	lb/yr	

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }	
0075 4 04 000 00	4 04 002 02	002.02	1.1000	1.0	12.2122	
00T5	4-04-003-02	11.1020	lb/1000 Gal	1.0	lb/yr	

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }
0075	4.04.000.50	44 4000	4.8000	1.0	53.2896
00T5	4-04-002-50	11.1020	lb/1000 Gal	1.0	lb/yr

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

## **Standing and Breathing Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Storage Capacity	(B) VOC Emission Factor	` '	
00T6 4-04-0	4-04-003-01	10	36.0000	1.0	360.0000
	4-04-003-01	10	lb/1000 Gal	1.0	lb/yr

## **Working and Withdrawal Loss Emission Calculations**

Tank I.D.	SCC Code	(A) 1000 Gallons Annual Throughput	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }	
00T6 4-04-003-02	4 04 003 03	3.1410	1.1000	1.0	3.4551	
	4-04-003-02	3.1410	lb/1000 Gal	1.0	lb/yr	

Tank I.D.	SCC Code	(A) 1000 Gallons Transferred	(B) VOC Emission Factor	(C) Emission Control (1.0 - Control Efficiency)	Annual Emissions = {A x B x C }	
00T6 4-04-002-	4.04.002.50	2.1410	4.8000	1.0	15.0768	
	4-04-002-50	3.1410	lb/1000 Gal	1.0	lb/yr	

Total Pounds of VOC Emitted =	5229.8588	lb/yr
*Total Tons of VOC Emitted {lb/2000} =	2.6149	tons/yr

<sup>\*</sup> Add this total to all other plant VOC emissions and transfer to Form 12.0 Emissions Fee Calculation Worksheet to aid in determination of the total plant emission and any chargeable emissions.

#### FORM 12.0 EMISSIONS FEE CALCULATION WORKSHEET

Facility Name	Facility ID#	Year of Inventory
CNH America LLC	24371	2011

Use one row to list the emissions from one emission point. Sum the emissions in the page total box at the bottom of the column. If more than one page is needed, use the first row of the duplicated page to list the page totals from this page. Emissions MUST be expressed in tons per year and rounded to two decimal places (XX.XX).

Total Plant Emissions: (Make sure to use the sum of ALL page totals for each pollutant for the actual emissions below. Transfer the totals below to the front page under Total Plant Emissions under the "Emissions Statement".)

Point No.	со	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
4814	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75	0.00	0.00
4814	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7960	0.39	0.02	0.47	0.00	0.04	0.04	0.00	0.03	0.00	0.00
7962	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	0.00	0.00
7965	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7965	0.33	0.01	0.39	0.00	0.03	0.03	0.00	0.02	0.00	0.00
7969	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7969	0.16	0.01	0.19	0.00	0.01	0.01	0.00	0.01	0.00	0.00
7972	0.38	0.01	0.45	0.00	0.03	0.03	0.00	0.02	0.00	0.00
7975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.08
7975	0.21	0.01	0.25	0.00	0.02	0.02	0.00	0.01	0.00	0.00
7982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.08

Point No.	со	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
7982	0.21	0.01	0.25	0.00	0.02	0.02	0.00	0.01	0.00	0.00
7988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.14	0.00	0.35
7988	0.34	0.01	0.41	0.00	0.03	0.03	0.00	0.02	0.00	0.00
7989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.68	0.00	0.32
7989	0.34	0.01	0.41	0.00	0.03	0.03	0.00	0.02	0.00	0.00
7996	0.06	0.00	0.08	0.00	0.01	0.01	0.00	0.00	0.00	0.00
8903	0.25	0.01	0.30	0.00	0.02	0.02	0.00	0.02	0.00	0.00
8907	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.97	1.64	0.63
8907	0.22	0.01	0.26	0.00	0.02	0.02	0.00	0.01	0.00	0.00
8908	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.40	0.00	0.11
8908	0.22	0.01	0.26	0.00	0.02	0.02	0.00	0.01	0.00	0.00
8909	0.44	0.02	0.52	0.00	0.04	0.04	0.00	0.03	0.00	0.00
8912	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00NP2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.01	0.25
Form 10.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00

#### NOTE: FILL OUT THE LOWER PORTION OF THIS FORM ONE TIME ONLY.

Total Plant Emissions: (Make sure to use the sum of ALL page totals for each pollutant for the actual emissions below. Transfer the totals below to the front page under Total Plant Emissions under the "Emissions Statement".)

со	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
3.59	0.14	4.27	0.00	0.32	0.32	0.03	201.99	1.66	1.83

Chargeable Emissions (MAJOR SOURCES ONLY): A source is considered major if it emits or has the potential to emit 10 tons or more of any single hazardous air pollutant (HAP), 25 tons per year or more of any combination of hazardous air pollutants, 5 tons per year or more of lead, or 100 tons per year or more of PM10, SOx, NOx, VOC, or CO. Emission fees are calculated using actual emissions up to and including 4,000 tons per year for each regulated pollutant. Fees are not charged for CO, NH3 and PM2.5.

СО	NH3	NOx	Lead	PM10	PM2.5	SOx	voc	Greatest Single HAP	Other HAPs
NO FEES	NO FEES	4.27	0.00	0.32	NO FEES	0.03	201.99	1.66	1.83

Copy the Total Plant Emissions and Chargeable Emissions to the Emissions Statement on Form 1.0.