

FACILITY NAME: _____	DATE: _____
NDEE Facility ID#: _____	

Section 3.2: Criteria Pollutant Emissions Summary (ton/year)

IMPORTANT: Do NOT use pencil to fill out this application. Please type responses or print using blue or black ink.

Complete the following table so that all emission points are accounted for. Use multiple Section 3.2 forms, if needed, so all emission points are included. List each emission point that will emit any of the pollutants listed in the Emission Point ID# column. For each emission point, indicate the quantity, **in tons per year**, of criteria pollutants that will be emitted in the respective column. Totals should be the sum of the entire column. If you have any questions, feel free to contact the Nebraska Department of Environment and Energy via NDEE.AirQuality@nebraska.gov or the Air Quality Construction Permit at (402) 471-2186.

Please check if a separate summary document is used as a replacement for this Form. Identify separate summary document with the title of this form and attach. This can be a combined summary with Sections 3.1 & 3.3.

Emission Point ID#	PM (ton/yr)	PM ₁₀ (ton/yr)	PM _{2.5} (ton/yr)	NO _x (ton/yr)	SO _x (ton/yr)	CO (ton/yr)	VOC (ton/yr)
TOTAL							

**Air Quality Construction Permit Application
Form 3.0: Emissions Summary**

FACILITY NAME: _____ **DATE:** _____

NDEE Facility ID#: _____

Section 3.3: Hazardous Air Pollutant Emissions Summary

IMPORTANT: Do NOT use pencil to fill out this application. Please type responses or print using blue or black ink.

Complete the following table so that all emission points are accounted for. Use multiple Section 3.3 forms, if needed, so all emission points are included. Include the Hazardous Air Pollutants (HAP) that will be emitted in the largest quantities source-wide in the top row. List each emission point that will emit any HAP in the Emission Point ID# column. For each emission point, indicate the quantity, **in tons per year**, of HAP that will be emitted in the respective column. Total HAPs should be the sum of the entire column or row. If you have any questions, feel free to contact the Nebraska Department of Environment and Energy via NDEE.AirQuality@nebraska.gov, or the Air Quality Construction Permit Section at (402) 471-2186.

Please check if a separate summary document is used as a replacement for this form. Identify separate summary document with the title of this Form and attach. This can be a combined summary with Sections 3.1 & 3.2.

Hazardous Air Pollutants →	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	(ton/yr)	TOTAL HAP (ton/yr)
↓ Emission Point ID#																
TOTAL HAPs																

**Air Quality Construction Permit Application
Form 3.0: Emissions Summary**

FACILITY NAME: _____ **DATE:** _____
NDEE Facility ID#: _____

Section 3.4: Greenhouse Gas Emissions Summary (lb/hr)

IMPORTANT: Do NOT use pencil to fill out this application. Please type responses or print using blue or black ink.

Complete the following table so that all emission points are accounted for. Use multiple Section 3.4 forms, if needed, so all emission points are included. List each emission point that will emit any of the pollutants listed in the Emission Point ID# column. For each emission point, indicate the quantity, in pounds per hour, of criteria greenhouse gas pollutants that will be emitted. Totals should be the sum of the entire column. If you have any questions, contact the Nebraska Department of Environment and Energy via NDEE.AirQuality@nebraska.gov or the Air Quality Construction Permit Section at (402) 471-2186.

Please check if a separate summary document is used as a replacement for this form. Identify separate summary document with the title of this form and attach. This can be a combined summary with Sections 3.1, 3.2, and 3.3, 3.5, and 3.6

Emission Point ID#	CO ₂ (lb/hr)	CH ₄ (lb/hr)	N ₂ O (lb/hr)	HFC (lb/hr)	PFC (lb/hr)	SF ₆ (lb/hr)

Air Quality Construction Permit Application Form 3.0: Emissions Summary

TOTAL						

Section 3.5: Greenhouse Gas Emissions Summary (ton/yr)

IMPORTANT: Do NOT use pencil to fill out this application. Please type responses or print using blue or black ink.

Complete the following table so that all emission points are accounted for. Use multiple Section 3.5 forms, if needed, so all emission points are included. List each emission point that will emit any of the pollutants listed in the Emission Point ID# column. For each emission point, indicate the quantity, in tons per year, of criteria greenhouse gas pollutants that will be emitted. Totals should be the sum of the entire column. If you have any questions, please contact the Nebraska Department of Environment and Energy via NDEE.AirQuality@nebraska.gov or the Air Quality Construction Permit Section at (402) 471-2186.

Please check if a separate summary document is used as a replacement for this form. Identify separate summary document with the title of this form and attach. This can be a combined summary with Sections 3.1, 3.2, 3.3, 3.4, and 3.6.

Emission Point ID#	CO ₂ (ton/yr)	CH ₄ (ton/yr)	N ₂ O (ton/yr)	HFC (ton/yr)	PFC (ton/yr)	SF ₆ (ton/yr)
TOTAL						

Air Quality Construction Permit Application Form 3.0: Emissions Summary

FACILITY NAME: _____	DATE: _____
NDEE Facility ID#: _____	

Section 3.6: Carbon Dioxide Equivalent Summary (ton/year)

IMPORTANT: Do NOT use pencil to fill out this application. Please type responses or print using blue or black ink.

Complete the following table so that all carbon dioxide equivalent (CO₂e) emissions are accounted for. For each greenhouse gas pollutant, enter the quantity, in tons per year, that will be emitted in the respective column. These emission totals can be obtained from Section 3.5. For each greenhouse gas pollutant multiply the emission rate by the CO₂e emission factor to get the CO₂e emission rate. Once CO₂e emission rates have been determined for all greenhouse gas pollutants, sum all CO₂e emission rates and enter the quantity in the bottom box of the table. If you have any questions, please contact the Nebraska Department of Environment and Energy via NDEE.AirQuality@nebraska.gov, or the Air Quality Construction Permit Section at (402) 471-2186.

Please check if a separate summary document is used as a replacement for this form. Identify separate summary document with the title of this form and attach. This can be a combined summary with Sections 3.1, 3.2, 3.3, 3.4, and 3.5.

Greenhouse Gas Pollutant	Emission Rate (From Form 3.4)	CO ₂ e Emission Factor	CO ₂ e Emission Rate
	(tons/year)	(tons CO ₂ e/ton pollutant)	(tons/year)
CO ₂		1	
CH ₄		21	
N ₂ O		310	
HFC		11,700	
PFC		17,300	
SF ₆		23,900	
Total CO ₂ e emissions			