



AIR QUALITY CONSTRUCTION PERMIT
NEW SOURCE REVIEW (NSR) CLASSIFICATION: MAJOR

PERMIT NUMBER: CP26-015

NDWEE ID: 44141

Program ID: AIR 157-00002

Permit Issued To: The Western Sugar Cooperative, Corporation

Name of Source in Application: The Western Sugar Cooperative

Mailing Address: 7555 East Hampden Ave, Suite 520, Denver, Colorado, 80231

Source Location: 2100 East Overland Drive, Scottsbluff, Scotts Bluff County, Nebraska

Permit Description: MAJOR NSR SOURCE – MINOR MODIFICATION

SIGNIFICANT PERMIT REVISION to remove permit requirements for process inherent equipment.

Standard Industrial Classification (SIC) Code: 2063, Beet Sugar

North American Industry Classification System (NAICS) Code: 311313, Beet Sugar Manufacturing

Revised or Superseded Construction Permits: This construction permit supersedes Condition III.(B) of construction permit CP21-001 (issued May 10, 2022). No other terms or conditions of the original construction permit are being revised or otherwise modified by this document. All other provisions of the original permit are still in effect, and in concert with this permit, constitute the effective construction permit.

Pursuant to Chapter 10 of the Nebraska Air Quality Regulations, the public has been notified by prominent advertisement of this proposed construction of an air contaminant source and the thirty (30) day period allowed for comments has elapsed. This construction permit approves the proposed project as identified in air quality construction permit application #26-015 received April 21, 2026, and any subsequent supplementary facts or corrected information, which the NDWEE considered applicable and incorporated into the permitting documents. Additional details of the proposed revisions, including estimated pollutant emission changes, can be found in the accompanying Fact Sheet.

Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard. The permit holder, owner, and operator of the facility shall assure that the installation, operation, and maintenance of all equipment is in compliance with all of the conditions of this permit.

The undersigned issues this permit on behalf of the Director under the authority of Title 129 – Nebraska Air Quality Regulations as amended September 28, 2022.

DRAFT

Date

Reuel S. Anderson, Administrator
Permitting and Engineering Division

TABLE OF CONTENTS

Permit Signature Page.....	i
Table of Contents.....	ii
Abbreviations.....	iii
Summary of Revisions.....	iv
<u>Permit Conditions:</u>	
III. Specific Conditions for Selected Emission Points:	
(B) [Reserved]	B-1

ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	MW	Megawatt
BACT	Best Available Control Technology	NAAQS	National Ambient Air Quality Standards
bhp	Brake Horsepower	NDWEE	Nebraska Department of Water, Energy, and Environment
BMP	Best Management Practice	NESHAP	National Emission Standards for Hazardous Air Pollutants
Btu	British Thermal Unit	NO ₂	Nitrogen Dioxide
bu	Bushel	NO _x	Nitrogen Oxides
CAA	Clean Air Act	NSPS	New Source Performance Standard
CE	Control Equipment	NSR	New Source Review
CEM	Continuous Emissions Monitor	PAL	Plant-wide Applicability Limit
CEMS	Continuous Emissions Monitoring System	Pb	Lead (chemical abbreviation)
cf	Cubic feet	PbR	Permit-by-Rule
CFR	Code of Federal Regulations	PEMS	Predictive Emissions Monitoring System
CO	Carbon Monoxide	PM	Particulate Matter
CO ₂	Carbon Dioxide	PM ₁₀	Particulate Matter with and aerodynamic diameter equal to or less than 10 microns
CO _{2e}	CO ₂ equivalent	PM _{2.5}	Particulate Matter with and aerodynamic diameter equal to or less than 2.5 microns
COMS	Continuous Opacity Monitoring System	ppb	Parts per Billion
CP	Construction Permit	ppm	Parts per Million
DGS	Distiller's Grains with Solubles	ppmv	Parts per Million by volume
DDGS	Dry Distillers Grains with Solubles	ppmv	Parts per Million by volume, dry basis
dscf	Dry Standard Cubic Feet	PSD	Prevention of Significant Deterioration
dscfm	Dry Standard Cubic Feet per Minute	PTE	Potential to Emit
EMIS	Emergency Management Information System	RVP	Reid Vapor Pressure
EPA	Environmental Protection Agency	RATA	Relative Accuracy Test Audit
EQC	Environmental Quality Council	RMP	Risk Management Plan
EP	Emission Point	RTO	Regenerative Thermal Oxidizer
ESP	Electrostatic Precipitator	scf	Standard Cubic Feet
EU	Emission Unit	SIC	Standard Industrial Classification
FID	Facility Identification Number	SIP	State Implementation Plan
FDCP	Fugitive Dust Control Plan	SO ₂	Sulfur Dioxide
FGR	Flue Gas Recirculation	SO _x	Sulfur Oxides
FIP	Federal Implementation Plan	TDS	Total Dissolved Solids
FR	Federal Register	TO	Thermal Oxidizer
ft	Feet	TO/HRSG	Thermal Oxidizer with Heat Recovery Steam Generator
FTIR	Fourier Transform Infrared	tpy	Tons per year
GHGs	Greenhouse Gases	TRS	Total Reduced Sulfur
H ₂ S	Hydrogen Sulfide	TSP	Total Suspended Particulate Matter
HAP	Hazardous Air Pollutant	ULNB	Ultra Low-NO _x Burner
hp	Horsepower	UST	Underground Storage Tank
hr	Hour	UTM	Universal Transverse Mercator
lb	Pound	VHAP	Volatile Hazardous Air Pollutant
LDAR	Leak Detection and Repair	VMT	Vehicle Miles Traveled
LNB	Low-NO _x Burner	VOC	Volatile Organic Compound
MACT	Maximum Achievable Control Technology	WDGS	Wet Distiller's Grains with Solubles
Mgal	One Thousand gallons		
MMBtu	One Million British Thermal Units		
MMscf	One Million Standard Cubic Feet		
MSDS	Material Safety Data Sheet		

SUMMARY OF REVISIONS

The following permit conditions have been significantly revised or updated:

Permit Condition / Summary of Revision	Page
Condition III.(B) – Crystallization and Separation III.(B): Removed emission limits and testing requirements for EP-3B and EP-3C.	B-1

III.(B) [Reserved]