

Cenex AFD File Technical Specifications

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File Layout of Incoming AFD File

Export File Field Name	Max Field Length	Description
File Header Record:		File header, one record per file
Record Type	1	The value is always 1 for a file header record
Version	4	The first two characters describe the format version (e.g. 01); the second two describe the content version (initially 00)
Facility Number	10	Coop identification number
Batch Date	10	Current date (mm/dd/yyyy)
Invoice Header Record:		Customer Header, one record per customer
Record Type	1	The value is always 2 for a customer invoice header record
Customer ID	6	CHS Customer ID number
Coop Account Number	10	The customer account number created and used by the local coop
Customer Name	30	The customer first and last name, or company name
Customer Address1	30	The first address line for the customer
Customer Address2	30	The second address line for the customer

Customer City	30	The city of the customer
Customer State	2	The state of the customer
Customer Zip	10	The zip code for the customer
Billing Date	10	The date the coops are billed (mm/dd/yyyy)
Invoice Detail Record:		Tank Header, one record per active tank for the given customer
Record Type	1	The value is always 3 for a customer invoice detail record
Product ID	8	Product identification i.e. FLD-D, UL, RMXL
Product Type	25	Short description of the product
Site ID	1	Site ID is a number that represents a group of tanks out at the local farm
Tank ID	1	Tank ID is a number that represents a single tank at a given site at the local farm
Tank Capacity	8	The Capacity of the tank rounded to tenths of a gallon
Reference ID	8	For monthly billing this will be NULL, for daily billing this is either the Order ID or the Buyout ID
Delivery Date	19	For daily delivery orders this is the delivery date. For monthly customers this is the billing date (mm/dd/yy hh:mm:ss format using military time)
Gallons Delivered	8	For monthly billing, this is the number of gallons of product delivered over the billing cycle. For daily billing this, is the number of gallons delivered for the given order.

Gallons Used	8	For monthly billing, this is the number of gallons invoiced. This includes used gallons in the current cycle and accumulated usage gallons from the prior billing cycle.
Buyout Gallons	8	For monthly billing this is zero or, if an auto-buyout occurred, the same value as <i>Gallons Used</i> . For daily billing this is zero or, if the order was a buyout, is the same value as <i>Gallons Used</i> .
State Taxed	8	State taxed usage or delivered volume
State Tax-Exempt	8	State tax-exempt usage or delivered volume
Federal Taxed	8	Federal taxed usage or delivered volume
Federal Tax-Exempt	8	Federal tax-exempt usage or delivered volume
Co-op Cost per Gallon	8	Coop cost per gallon of product.
Total Cost No Taxes	8	Coop total cost without taxes
Total Freight	8	Total freight charges
Total Delivery Charges	8	Total delivery charges
Total Trip Charges	8	Total trip charges
Tank Serial ID		The serial ID listed on the tank page
Billing Type	1	1 – Monitored 2 – Non-Monitored
Order Create Date	19	On Daily Non-Monitored – Order Date, Daily Monitored – Delivery Date, Settlements & Monthly – Blank
File Trailer Record:		File Footer, one record per file

Record Type	1	This value is always 4 for a file trailer record.
Batch Date	10	Current date (mm/dd/yyyy)
Record Count	8	Total number of all records in the export file