



ESCAMBIA PLANT
INTEROFFICE MEMORANDUM

To: Mr. A. K. McMillan ✓ Date: 22 February 1974
From: R. R. Spiegelhalter Copies: R. E. Jones
J. T. Barr
J. H. Williams
Re: Quality Control Product Analysis R. W. Wolfe
Records

Pursuant to the memo by J. T. Barr of February 13, 1974 concerning modified records for retaining product analyses data, the following procedure will be implemented:

As directed, bound books (ledger types) will be used for logging all data for properties measured on products. Entries will be totally identified and initialed and dated by the analyst. Results only will be recorded but reference to work sheets will be provided. Books for each family of products will be maintained.

Ammonium Nitrate and Nitrogen Solutions shipments have been totally controlled by the Plant. Operators perform most analyses. The lab makes periodic cross-checks on some parameters and specific analyses on process material. The permanent records will be maintained by the Plant. Periodic checks and review of data by the lab are suggested.

Provision for anhydrous or aqua ammonia solutions is not made at this time since shipments are not made. Ammonia will be incorporated with Nitric Acid and Aquas with Nitrogen solutions. Spent acid shipments are not expected to continue and no provision is made.

PVC

A. Products

Composite Bag and Bulk Samples Properties measured according to specific manufacturing specification. Residual VCM included.

B. Internal Control

Summary sheets per current practice will be maintained and bound at year-end.

Bulk shipment and lot composite form sheets will also be continued and distributed. Lab copies are filed by type.

AP00035492

Mr. A. K. McMillan
22 February 1974
Page -2-

Amines

A. Products

Each tank car or truck and storage tanks.

Properties measured according to sales or manufacturing.
(All properties determined are not reported on shipment
analyses forms).

B. Internal Control

Summary sheets will be maintained by product and bound each
year as at present. Work sheets and VPC scans will be re-
tained three (3) months.

Nitric Acid

A. Products

Composites of shipments by customer.

Assay only is determined.

B. Internal Control

Summary sheets will be continued (composites) and bound by year.

Note: Considerable confusion in tagging acid shipment samples
has occurred. Provision for better control of sample and
carrier identification/order number is needed.

Methanol

A. Products

Storage Tanks - complete analysis per sales specifications.

* Individual shipments based on storage, except for water, hydrocarbons,
and color for shipments in carriers dedicated to Methanol. Others
analyzed complete.

B. Internal Control

Maintain current summary logs which are bound at year-end.

AP00035493

Mr. A. K. McMillan
22 February 1974
Page -3-

Ammonium Nitrate and Nitrogen Solutions

A. Products

Ammonium Nitrate (bulk and bag) products.

24-hour composites

Plant Analyses - Nitrogen, pH, Water, Coating Agent

Laboratory - Additive (controlled by DAP)

B. Internal Control

Summary sheets maintained by Plant and Laboratory and bound
at year-end as at present.

VAN Solutions

A. Products

Each shipment for specification analysis by operators

B. Internal Control

Summary sheets filed by year.

Urea Solutions

A. Products

Each shipment for specification analyses by operators.

(Exception is U-65 for Carghell for CO₂ which is not routinely run.)

B. Internal Control

(Same as UAN Solutions)



R. R. Spiegelhalter

RRS:bp

AP00035494