E. Waldemar Carlson Papers

SCOPE AND CONTENT

The documents span the years 1929-1959, and are primarily records involving the work done at the Bryton Chemical Plant, run by E Waldemar Carlson

BACKGROUND

E Waldemar Carlson was born August 2, 1907 and died July 4, 1976. He graduated from Worcester Polytechnic Institute in 1930 with a degree in Chemistry and Chemical Engineering. He immediately began working for the Standard Oil Company (Esso), eventually becoming head of the Chemical Engineering Department. He left Esso and began his own company, Bryton Chemical Company, in 1947, which he eventually sold in 1959. In 1933 he married. He was a member of sigma phi epsilon, skull, tau beta pi, and sigma xi.

Container List

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E. Waldemar Carlson Papers

MS 36_01 Personal Papers

Series I: Photo Albums and Miscellaneous Papers

Container List

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| Box 01    | Folder 01 | February 1954 - January 1955 | Photo Album  
  Pictures Regarding Bryton Chemical Company  
  1) May 1954  
  2) May 1954  
  3) Title Page - Bryton Chemical Company  
  4) Bryton Employees - February 1954  
  5) 42nd Dinner, Oil Trade Association - January 1955 |
| Box 01    | Folder 02 | April 1952 - August 1958 | Photo Album  
  Pictures Regarding Bryton Chemical Company  
  1A) April 1952  
  1B) December 1953  
  2A) December 1955  
  2B) August 1958  
  3) December 1955  
  4) Bryton Plant, Aerial View - February 1954  
  5) Bryton Plant, Aerial View - December 1955 |
Pictures Regarding Bryton Chemical Company
1) Barium Section, Looking South - February 1954
2) Barium Section, Close-up of Solutizers and Still - February 1954
3) Older Sections - Bryton Plant - February 1954
4) Older Sections - Bryton Plant, SW view from Fractionator - February 1954

Pictures Regarding Bryton Chemical Company
1) Barium Section - View from Railroad - March 1954
2) Barium Section - View from Processing Tanks - February 1954
3) Barium Section - View from Fractionator, SE - February 1954
4) Barium Section - Close-up of Tanks - February 1954

Pictures Regarding Bryton Chemical Company
1) Barium Section - West Phalia Centerfuge
2) Barium Section - Instrument Panel in Still House
3) Barium Section - Explosion Proof Switch Panel
4) Bryton Plant, Cleaver - Brooks H.P. Package Boiler - February 1954

Pictures Regarding Bryton Chemical Company
1) Bryton Plant - Marley Water Tower, Induced Draft - February 1954
2) Bryton Plant - Laboratory View - February 1954
3) Refining Section - Drumming Area - February 1954
4) Refining Section - Looking North - March 1954
5) Group Photograph

Bryton Retirement Story - August 1959
Bryton Retirement Speech
Copy of Yearbook Page

1929
Organic Chemistry Lectures
Class Notes

1941-1946
Personal Notebook (Leather bound)
Notes on Refining Companies/Oil Distributors
Tests on Oils
Equipment Lists
Available Soap Products

E. Waldemar Carlson Papers MS 36_02
Series II: Lab Notebooks
Tests and Analysis of Various Bryton company Materials

- 10CT Sulfonate
- Oronite Detergent Slurry (ODS)
- Salts
- Bryton Detergent Paste 67-47
- Neolene

Tests and Analysis of Various Bryton company Materials

- BPS#40
- Crude Saponate 31
- Bryton Detergent Paste 164-47
- Kerosene
- Bryton 46
- Alkane Saponate 50
- Fabor base
- Fabor Fusion Studies
- Crethiolate Reaction
- BPS 50

Tests and Analysis of Various Bryton company Materials

- N - 60
- BPS 40
- Magnus Detergent
- BPS 50
- Sorite Slurry#4

Analysis of:

- BPS 50A
- BPS 40
- Saponate
- Preparation Instructions

Tests and Analysis of various Bryton Company Materials

E. Waldemar Carlson Papers

Series III: Record Books

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<td>Marlite Production</td>
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Filter Leaf Studies
Calculations of Steam Requirements to Remove Wax
Volume Calculations in Extractor
Daily Logs of Company Happenings

Box 03 Folder 02 n.d. Record Book 2
  Daily Logs of Company Happenings
  Bolton Temperature Measurements
  Boss 444 Batch 7-9 Experiments
  BPS 40 Measurements, Experiments
  Boynton MM Serl Batch 1 Measurements, Experiments
  Boynton MM Salfoante Batch 2-4 Measurements, Experiments
  MM Serl Batches 5-7 Measurements, Experiments
  Boss 444 batches 10-17
  Boss 444 at BS
  Still Runs of:
    Boss 444 1-13
    Boynton MM 14-28
    B-444 Cone 29-44

Box 03 Folder 03 n.d. Record Book 3
  Still Runs of: Bryton MM, Boss 444, B-444, Isopropyl Alcohol, Bryton M-50, Bryton H-50, MX, Bryco 1, B/S #10 Sulf.

Box 03 Folder 04 n.d. Record Book 4
  Still Runs of: B-444, M-50, H-50, Boss 444, MX, Bryco #1, MM, HY

Box 04 Folder 01 n.d. Record Book 5
  Still Runs of: Boss 444, HY, MM, M-50, H-50, Distilled Oil, Boss 444P

Box 04 Folder 02 n.d. Record Book 6
  Still Runs of: HY, Boss 444, Bryco 1, Bryco 60, H-50, 1257 Oil, Oil Run, Bryton 440, Bryton 490, Bryton MM, Bryton HY, 30% Sulf., Alcohol Run, Bryco 30, Weak Alcohol

Box 04 Folder 03 n.d. Record Book 7
  Still Runs of: Bryco 60, Bryco 30, Bryton HY, Bryton 490, Oil Run, Boss 444

Box 04 Folder 04 n.d. Trainer Record 1
  Trainer Plant Operations
  Still Runs of: HY, Bryco 60, Bryco 62