

Griffith, Roger L., Papers

Roger L. Griffith Papers

1952-2008



Title Statement

Griffith, Roger L., Papers Roger L. Griffith Papers, 1952-2008 Ms.2022.001

Author: Tyler Williams, Student Worker

Publication Statement

Publisher: Special Collections and University Archives, Virginia Tech

Special Collections and University Archives, University Libraries (0434)
560 Drillfield Drive
Newman Library, Virginia Tech
Blacksburg, Virginia 24061
Business Number: 540-231-6308
specref@vt.edu
URL: <http://spec.lib.vt.edu>



2022 CC0 1.0)

Profile Description

Creation: This finding aid was produced using ArchivesSpace on 2023-08-07 13:49:26 -0400.

Language Usage: Description is written in: English, Latin script.

Descriptive Summary

Unit ID

Ms.2022.001

Unit Date

1952-2008

Language

The materials in the collection are in English.

Abstract

Roger L. Griffith (1934-2018) received his bachelors degree in chemical engineering from Virginia Tech. He worked for several small engineering firms, fifteen years for the Tennessee Valley Authority, and his own engineering firm in Alabama. The collection documents Griffith's career containing blueprints, academic papers, experiment results and data, documents from his work with different engineering firms, governmental reports, and documents relating to his work in foreign countries. The collection also contains a USB drive that has Roger Griffith's autobiography on it.

Extent

7 Cubic Feet 4 boxes

Repository

Special Collections and University Archives, Virginia Tech

Administrative Information

Conditions Governing Access

The collection is open for research.

Conditions Governing Reproduction and Use

The copyright status of this collection is unknown. Copyright restrictions may apply. Contact Special Collections and University Archives for assistance in determining the use of these materials.

Reproduction or digitization of materials for personal or research use can be requested using our reproduction/digitization form: <http://bit.ly/squareproduction>. Reproduction or digitization of materials for publication or exhibit use can be requested using our publication/exhibition form: <http://bit.ly/scuapublication>. Please contact Special Collections and University Archives (specref@vt.edu or 540-231-6308) if you need assistance with forms or to submit a completed form.

Source of Acquisition

The Roger L. Griffith Papers were donated to Special Collections and University Archives in December 2019.

Processing Information

The processing, arrangement, and description of the Roger L. Griffith Papers commenced and completed in January 2022.

Preferred Citation

Researchers wishing to cite this collection should include the following information: [item], [box], [folder], Roger L. Griffith Papers, 1952-2008, Ms2022-001, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

Biographical Note

Roger L. Griffith (1934-2018) received his bachelor of science degree in chemical engineering from Virginia Tech in 1957. Griffith was an engineer with experience in construction supervision, licensing, market development, production supervision, process engineering, research and development, and sales. He worked fifteen years for the Tennessee Valley Authority, and later in his career, Griffith owned a small engineering firm. Over the course of his career, Griffith also accumulated a considerable amount of overseas work experience, starting in the 1970s when he made multiple trips to the Soviet Union and Romania.

More information about Griffith is available in his autobiography, *Journey of a chemical engineer* (2021), which can be requested online via the library catalog.

Scope and Content

The Roger L. Griffith Papers, 1952-2008, document the career of Griffith as an engineer. The collection contains blueprints, academic papers, experiment results and data, documents from his work with different engineering firms, governmental reports, and documents relating to his work in foreign countries. Also contained within this collection is a USB drive that contains Roger Griffith's autobiography [Box 4, Folder 38]. The collection also contains photographs that were taken of Roger Griffith when he was working overseas.

Related Materials

VT Special Collections and University Archives has two publications by Roger L. Griffith in the Rare Books Collection, *Installation and operation of a packed analytical column* (VPI B.S. thesis, 1957), which can be requested online via the library catalog, and *Journey of a chemical engineer* (2021), which can be requested online via the library catalog.

Keywords

Chemical engineering
Science and Technology
Students and alumni
Tennessee Valley Authority

Rights Statements for Archival Description

The guide to the Roger L. Griffith Papers by Special Collections and University Archives, Virginia Tech, is licensed under a CC0 (<https://creativecommons.org/share-your-work/public-domain/cc0/>).

Arrangement

This collection is arranged alphabetically into five series, based on the original order of the creator.

Description of Subordinate Components

Series I: A - D

Unit Date 1981-1998

Ahlstrom

Unit Date 1982-1983

box-folder 1 (box)

Container 1 (folder)

Antibiotic Waste Water Treatment Bulgaria

Unit Date 1996

box-folder 4 (box)

Container 30 (folder)

Austria

Unit Date 1982-1989

box-folder 1 (box)

Container 2 (folder)

Arhippanien

Unit Date 1981

box-folder 1 (box)

Container 3 (folder)

Ball Milling and Sand Milling of Rutile Pigments

Unit Date n. d.

box-folder 4 (box)

Container 28 (folder)

Bagasse Handling for Pulping

Unit Date 1993

box-folder 1 (box)

Container 4 (folder)

Bagasse

Unit Date 1985-1991

box-folder 1 (box)

Container 5 (folder)

Ball Mills

Unit Date n. d.

box-folder 1 (box)

Container 6 (folder)

Bananas

Unit Date 1987-1988

box-folder 1 (box)
Container 7 (folder)

Biomass Refinery, Greek

Unit Date 1995-1998
box-folder 1 (box)
Container 8 (folder)

Blueprints

Unit Date 1976
box-folder 4 (box)
Container 31 (folder)

Boiler, Stillage

Unit Date 1997
box-folder 3 (box)
Container 22 (folder)

Bowaters, H2SO4 System

Unit Date n. d.
folder 4 (box)
Container 4 (folder)

Brazilian Ethanol

Unit Date 1985-1988
box-folder 3 (box)
Container 23-24 (folder)

Brazil 7/91

Unit Date 1991
box-folder 3 (box)
Container 25 (folder)

Brazil, 7/91, Overheads

Unit Date n. d.
box-folder 1 (box)
Container 9-10 (folder)

Brazil, Slag

Unit Date 1982-1993
box-folder 1 (box)
Container 11 (folder)

Briquetting

Unit Date 1988
box-folder 1 (box)
Container 12 (folder)

Centrifuges**Unit Date** 1988**box-folder** 1 (box)**Container** 13 (folder)**Centrifuges, General****Unit Date** 1980-1988**box-folder** 1 (box)**Container** 14 (folder)**Copeland Process****Unit Date** 1989**box-folder** 3 (box)**Container** 26 (folder)**Corn Cob Analysis****Unit Date** undated**box-folder** 3 (box)**Container** 27 (folder)**Corn Stover Hydrolysis****Unit Date** 1981-1984**box-folder** 1 (box)**Container** 15 (folder)**Corrosion Report****Unit Date** 1987**box-folder** 1 (box)**Container** 16 (folder)**Corrosion Information****Unit Date** 1982-1985**box-folder** 1 (box)**Container** 17 (folder)**Corrosion HCL (1-2%)****Unit Date** 1988-1989**box-folder** 1 (box)**Container** 18 (folder)**Digester Design****Unit Date** 1988**box-folder** 1 (box)**Container** 19 (folder)**Distillation Azeotropic****Unit Date** n. d.**box-folder** 1 (box)**Container** 20 (folder)

DuPont Process**Unit Date** 1959-1975**box-folder** 4 (box)**Container** 5 (folder)**Series II: E - G****Unit Date** 1953-1991**Energy Balance****Unit Date** 1985**box-folder** 1 (box)**Container** 21 (folder)**Economic Models, Burch****Unit Date** 1996**box-folder** 3 (box)**Container** 34 (folder)**EniChem, Flow Diagram Calculations****Unit Date** 1983-1990**box-folder** 1 (box)**Container** 22 (folder)**EniChem****Unit Date** 1988**box-folder** 1 (box)**Container** 23-24 (folder)**EniChem, General****Unit Date** 1988-1989**box-folder** 1 (box)**Container** 25 (folder)**EniChem, Recycle Test****Unit Date** 1988**box-folder** 1 (box)**Container** 26 (folder)**Enzymatic Hydrolysis****Unit Date** 1981-1992**box-folder** 1 (box)**Container** 27 (folder)**EtOH Distillation****Unit Date** 1980-1981**box-folder** 3 (box)**Container** 28 (folder)

Ethanol, From Banana**Unit Date** 1988**box-folder** 1 (box)**Container** 28 (folder)**Ethanol from Sugar Cane****Unit Date** n. d.**box-folder** 1 (box)**Container** 29 (folder)**Ethanol from Cellulose****Unit Date** 1981**box-folder** 1 (box)**Container** 30 (folder)**Ethanol for Aviation Fuel****Unit Date** n. d.**box-folder** 1 (box)**Container** 31 (folder)**Ethanol, General Information****Unit Date** 1982-1988**box-folder** 1 (box)**Container** 32 (folder)**Ethanol from Sulfite Liquor****Unit Date** n. d.**box-folder** 1 (box)**Container** 33 (folder)**Ethanol, Production and Use as Fuel****Unit Date** 1989-1990**box-folder** 1 (box)**Container** 34 (folder)**Ethanol, Specifications for Fuel****Unit Date** 1981**box-folder** 1 (box)**Container** 35 (folder)**Evaporation, Black Liquor****Unit Date** 1986**box-folder** 1 (box)**Container** 36 (folder)**Evaporation, General Information****Unit Date** 1983-1984**box-folder** 1 (box)**Container** 37 (folder)

Foreign Agriculture Service**Unit Date** 1991**box-folder** 1 (box)**Container** 38 (folder)**Fermentation****Unit Date** 1983-1991**box-folder** 1 (box)**Container** 39 (folder)**Fermentation, Sulfite Liquor****Unit Date** n. d.**box-folder** 1 (box)**Container** 40 (folder)**Fermentation, VB Proposal to SEKAB****Unit Date** 1990**box-folder** 1 (box)**Container** 41 (folder)**Filtration****Unit Date** 1971-1985**box-folder** 4 (box)**Container** 6 (folder)**Finishing Centrifuge****Unit Date** 1977-1979**box-folder** 3 (box)**Container** 31 (folder)**Finland, Tempella****Unit Date** 1980-1982**box-folder** 1 (box)**Container** 42 (folder)**Florence Paper****Unit Date** n. d.**box-folder** 1 (box)**Container** 43 (folder)**Fluid Energy Mill****Unit Date** 1987-1990**box-folder** 4 (box)**Container** 7 (folder)**Frilli Engineering****Unit Date** 1994-1996**box-folder** 3 (box)**Container** 29 (folder)

FTI Brazil**Unit Date** 1988**box-folder** 3 (box)**Container** 30 (folder)**FTI, TiO₂ Correspondence****Unit Date** 1989-1991**box-folder** 1 (box)**Container** 44 (folder)**Furans Publication****Unit Date** 1953**box-folder** 1 (box)**Container** 45 (folder)**Furfural****Unit Date** 1981-1990**box-folder** 1 (box)**Container** 46-48 (folder)**Furfural, Rosenlew****Unit Date** 1990-1991**box-folder** 1 (box)**Container** 49 (folder)**Furfural, Kinetics****Unit Date** n. d.**folder** 1 (box)**Container** 50 (folder)**Furfural, MSDS****Unit Date** n. d.**box-folder** 2 (box)**Container** 1 (folder)**Furfural Stripping****Unit Date** 1988**box-folder** 2 (box)**Container** 2 (folder)**Furfural Stripping, Calculations****Unit Date** 1988**box-folder** 2 (box)**Container** 3-4 (folder)**Furfural Stripping, Packed Towers****Unit Date** 1975-1988**box-folder** 2 (box)**Container** 5 (folder)

Germany FIAT Report**Unit Date** n. d.**box-folder** 2 (box)**Container** 6 (folder)**Series III: H - N****Unit Date** 1952-1995**Hawaii****Unit Date** 1989-1991**box-folder** 2 (box)**Container** 7 (folder)**Harvard Newsletter****Unit Date** 1996**box-folder** 3 (box)**Container** 33 (folder)**HCL Process****Unit Date** 1989-1992**box-folder** 2 (box)**Container** 8 (folder)**HIID****Unit Date** 1995-1996**box-folder** 4 (box)**Container** 8-9 (folder)**HIID Final Papers****Unit Date** 1997**box-folder** 3 (box)**Container** 35 (folder)**Hungary****Unit Date** 1995**box-folder** 3 (box)**Container** 32 (folder)**Hydrolyzer, Black Clawson****Unit Date** 1980-1981**box-folder** 2 (box)**Container** 9 (folder)**Hydrolysis with H₃PO₄****Unit Date** n. d.**box-folder** 2 (box)**Container** 10 (folder)

Interesting Info - Biomass

Unit Date 1980-1989

box-folder 3 (box)

Container 36 (folder)

Indorama - Furfural

Unit Date 1993-1999

box-folder 3 (box)

Container 37 (folder)

International Mill Service

Unit Date 1991-1995

box-folder 2 (box)

Container 11 (folder)

Jaakko Poyry Group

Unit Date 1995-1996

box-folder 3 (box)

Container 38 (folder)

Japan Paper

Unit Date n. d.

box-folder 2 (box)

Container 12 (folder)

Kamyr

Unit Date 1983-1985

box-folder 2 (box)

Container 13 (folder)

Kamyr, 2 TPD Plant

Unit Date 1984

box-folder 2 (box)

Container 14 (folder)

Kamyr, Mass and Energy Balance

Unit Date 1981

box-folder 2 (box)

Container 15 (folder)

Kamyr, Methanol Flow Sheet

Unit Date 1978

box-folder 2 (box)

Container 16 (folder)

Kamyr, Sawdust Diagram

Unit Date 1969-1981

box-folder 2 (box)

Container 17 (folder)

Kamyr, Quote for Commercial Plant**Unit Date** 1987**box-folder** 2 (box)**Container** 18 (folder)**Kamyr, Evaporator****Unit Date** 1982-1983**box-folder** 2 (box)**Container** 19 (folder)**Kamyr Blueprints****Unit Date** 1969-1988**box-folder** 2 (box)**Container** 20-21 (folder)**Kamyr 2/83 Meeting****Unit Date** 1983**box-folder** 2 (box)**Container** 22 (folder)**Kamyr Inc.****Unit Date** 1986-1987**box-folder** 2 (box)**Container** 23 (folder)**Kamyr Quotation for Alcohol Production****Unit Date** 1983**box-folder** 2 (box)**Container** 24 (folder)**Kamyr Proposal for Cooking System****Unit Date** 1981**box-folder** 2 (box)**Container** 25 (folder)**Kenaf****Unit Date** 1991-1994**box-folder** 2 (box)**Container** 26 (folder)**Kraft Recovery, Champion****Unit Date** 1967-1969**box-folder** 4 (box)**Container** 10 (folder)**Lignin****Unit Date** 1980**box-folder** 2 (box)**Container** 27 (folder)

Lignin, Adhesive Use**Unit Date** 1991**box-folder** 2 (box)**Container** 28 (folder)**Liquid Extraction of Furfural and Acetic Acid****Unit Date** 1988-1989**box-folder** 2 (box)**Container** 29 (folder)**Market Feasibility Study - Latin America****Unit Date** 1994**box-folder** 2 (box)**Container** 30 (folder)**Material Balance****Unit Date** 1985**box-folder** 2 (box)**Container** 31 (folder)**Masonite****Unit Date** 1981-1988**box-folder** 2 (box)**Container** 32 (folder)**Mexico, Kimberly Clark****Unit Date** 1989-1992**box-folder** 2 (box)**Container** 33 (folder)**New Zealand****Unit Date** 1979**box-folder** 2 (box)**Container** 34 (folder)**Misc. Blueprints****Unit Date** n. d.**box-folder** 4 (box)**Container** 35-36 (folder)**Molasses From Wood, TVA****Unit Date** 1952**box-folder** 3 (box)**Container** 39 (folder)**Series IV: P - S****Unit Date** 1980-1995

Paper, AIChE, Katzen**Unit Date** 1992**box-folder** 2 (box)**Container** 35 (folder)**Paper, IGT****Unit Date** 1991**box-folder** 2 (box)**Container** 36 (folder)**Paper Trade Journal Article****Unit Date** 1984**box-folder** 2 (box)**Container** 37 (folder)**Patents****Unit Date** 1980-1982**box-folder** 2 (box)**Container** 38 (folder)**Peroxide in Hydrolysis****Unit Date** 1987**box-folder** 2 (box)**Container** 39 (folder)**Phosphoric Acid Statistics****Unit Date** 1968-1984**box-folder** 2 (box)**Container** 40 (folder)**Previous Reports, Russia****Unit Date** 1976-1977**box-folder** 3 (box)**Container** 40 (folder)**Quadrex, Ingram Patent****Unit Date** 1992-1994**box-folder** 2 (box)**Container** 41 (folder)**Rauma Repola****Unit Date** 1990**box-folder** 2 (box)**Container** 42 (folder)**Reactor Calculations, Multistage****Unit Date** n. d.**box-folder** 2 (box)**Container** 43 (folder)

Reactor, 18 TPD Test Module, Brazil

Unit Date n. d.

box-folder 2 (box)

Container 44 (folder)

Reactor, 150 TPD, FTI

Unit Date 1988-1989

box-folder 2 (box)

Container 45 (folder)

Reactor Explosion

Unit Date 1982

box-folder 2 (box)

Container 46 (folder)

Reynolds, Dross Oxide

Unit Date 1988-1989

box-folder 4 (box)

Container 11 (folder)

Roger Griffith Photographs

Unit Date n. d.

box-folder 4 (box)

Container 38 (folder)

Rotary Kiln Design

Unit Date n. d.

box-folder 4 (box)

Container 12 (folder)

Roger Work Projects

Unit Date 1969-1989

box-folder 3 (box)

Container 41 (folder)

Schkempa Seminar

Unit Date 1996

box-folder 3 (box)

Container 42 (folder)

Schkempa Seminar, Bulgaria

Unit Date 1996

box-folder 3 (box)

Container 43 (folder)

SEDF Calculations

Unit Date 1990

box-folder 3 (box)

Container 1 (folder)

SEDF Mass and Energy Balance**Unit Date** 1990**box-folder** 3 (box)**Container** 2 (folder)**SEDF Canada****Unit Date** 1990-02**box-folder** 3 (box)**Container** 3 (folder)**SERI, Feed Stocks Report****Unit Date** 1990**box-folder** 3 (box)**Container** 44 (folder)**Slang Reports by Barber****Unit Date** 1995**box-folder** 3 (box)**Container** 4 (folder)**Sodium Borohydride****Unit Date** 1994, n. d.**box-folder** 3 (box)**Container** 5 (folder)**Solids Analysis EniChem****Unit Date** 1988-1989**box-folder** 3 (box)**Container** 6 (folder)**Specific Heat of Hydrolysis****Unit Date** 1983**box-folder** 3 (box)**Container** 7 (folder)**Step Copy, TDF****Unit Date** 1972**box-folder** 4 (box)**Container** 13 (folder)**Stillage Treatment Plant Contract****Unit Date** 1994-06**box-folder** 4 (box)**Container** 29 (folder)**Switzerland****Unit Date** 1983, n. d.**box-folder** 3 (box)**Container** 8 (folder)

Switzerland, Inventa**Unit Date** 1980-1984**box-folder** 3 (box)**Container** 9 (folder)**Series V: T - Z****Unit Date** 1959-2008**TiO₂, Chloride, Simplified Flow Sheet****Unit Date** 1993**box-folder** 3 (box)**Container** 10 (folder)**TiO₂ Analysis****Unit Date** 1977**box-folder** 3 (box)**Container** 11 (folder)**TiO₂, Upgrading, USSR****Unit Date** 1976-1978**box-folder** 3 (box)**Container** 12 (folder)**TiO₂ Slurry Cone****Unit Date** 1961**box-folder** 3 (box)**Container** 13 (folder)**TiO₂, Ishihara****Unit Date** 1972-1990**box-folder** 3 (box)**Container** 14 (folder)**TiO₂, General****Unit Date** 1969-1976**box-folder** 3 (box)**Container** 15 (folder)**TiO₂ Scrubber Blueprint****Unit Date** 1974**box-folder** 4 (box)**Container** 16 (folder)**TiO₂, Chem Process****Unit Date** 1959-1976**box-folder** 4 (box)**Container** 17 (folder)

TiO₂, Mass Balance**Unit Date** 1976-1994**box-folder** 4 (box)**Container** 18 (folder)**TiO₂, Grade Cross Matching****Unit Date** 1974**box-folder** 4 (box)**Container** 19 (folder)**TiO₂, Heats of Reaction****Unit Date** 1974**box-folder** 4 (box)**Container** 20 (folder)**TiO₂, Step Recoveries****Unit Date** 1966**box-folder** 4 (box)**Container** 21 (folder)**TiO₂, Digester****Unit Date** undated**box-folder** 4 (box)**Container** 22 (folder)**Tank Calibrations****Unit Date** 1963-1970**box-folder** 4 (box)**Container** 23 (folder)**TDF Process Specs****Unit Date** 1975**box-folder** 4 (box)**Container** 14 (folder)**The Cash Process****Unit Date** 1991**box-folder** 4 (box)**Container** 32-33 (folder)**Thann et Mulhouse****Unit Date** 1977**box-folder** 4 (box)**Container** 15 (folder)**Titanium Specifications****Unit Date** n. d.**box-folder** 3 (box)**Container** 16 (folder)

TRL as Salt Cake**Unit Date** 1995-2008**box-folder** 4 (box)**Container** 1 (folder)**TVA Ethanol from Biomass****Unit Date** n. d.**box-folder** 4 (box)**Container** 34 (folder)**TVA Papers****Unit Date** 1986, n. d.**box-folder** 3 (box)**Container** 17 (folder)**Savannah Plant Process Specifications****Unit Date** 1971**box-folder** 4 (box)**Container** 27 (folder)**Update on TiO₂ Plant in the U.S.S.R.****Unit Date** 1976-07**box-folder** 4 (box)**Container** 25-26 (folder)**USAID****Unit Date** 1997**box-folder** 4 (box)**Container** 2 (folder)**Vogelbusch****Unit Date** 1981-1988**box-folder** 3 (box)**Container** 18 (folder)**Vogelbusch, Ethanol PFD and Equipment****Unit Date** 1983**box-folder** 3 (box)**Container** 19 (folder)**WEC Bulgaria Report****Unit Date** 1994-1995**box-folder** 4 (box)**Container** 3 (folder)**World Environment Center****Unit Date** 1994-1995**box-folder** 3 (box)**Container** 20 (folder)

Xylitol**Unit Date** 1985**box-folder** 3 (box)**Container** 21 (folder)**Zaharni Zavodi****Unit Date** 1994-1995**box-folder** 4 (box)**Container** 24 (folder)