

BAG 1481

CLOS. TARGET C 30/1.61 - GROUP 3

FUEL RESEARCH AND TECHNOLOGY AT  
RHENISCH-WESTFÄLISCHES KOHLEN-  
SYNDIKAT, ESSEN

CONTENTS

ITEM 1. - CHEMICAL SECTION (1P.)

ITEM 2 - FUELS RESEARCH DEPT. (2PP)

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Chemical Section

Manager: Proxy Dr. W. Radmacher ✓

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A. Outdoor Duty

1. General supervision and sampling of qualities at the mines.
2. Control of special quality if required for distinct deliveries.
3. Studying of consumers' claims regarding quality and determination of the qualities at the mines for the settlement of claims.
4. Advising of the mines about measures taken to improve the quality of fuels.
5. Examination of the capacity of coke-oven plants and briquettes-works with regard to fixing syndicate's quotas.

B. Chemical Laboratory

1. Analytical determination of all kinds of fuel for the different purposes.
2. Examination and development of new determination methods for solid fuels. Due to the collaboration with the German and international standard-committee these investigations are taken over especially by this committee.

Personnel

A. Outdoor Duty

- 4 Chemists (in normal times 11)
- 10 Engineers (7 not yet returned from Military service)
- 2 Harbour-control clerks ( in time of peace 12)

B. Chemical Laboratory

- 4 Chemists (2 not yet returned from Military service)
- 5 Engineers (2 not yet returned from Military service)
- 10 Assistant chemists (8 not yet returned from Military service)
- 3 female assistant chemists
- 3 female auxiliary assistant chemists
- 13 apprentices (7 not yet returned from Military service)
- 14 Laboratory workers (9 not yet returned from Military service)

C. Clerks

- 1 chief clerk
- 7 Employees for writing work and statistics (5 not yet returned from Military service).

Division Dept. of Distribution of coal  
Director Dr. G. Shuby - Bismarck  
Exp. Ing. B. Gaidukelom - Waltha Str.

BAG 1481 WK 7/2/45  
Item 2  
RWKS

Essen, 2 July 1945

Fuels Research Department

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Sales Dept. original problems.

Activity

Examination of industrial fire-plants for advising consumers about economic utilisation of our products.

Research with regard to claims of consumers in case of technical difficulties.

Advice with regard to modification of fire-plants when difficulties arise in the supply of fuels hitherto preferred.

Advising consumers projecting new fire-plants in the choice of the most suitable fuel.

Studying of new designs of firing-plants as regards their suitability for the use of our products and the development of these constructions with a view to attain economic improvements.

Examination of new mine-products as to their suitability for the different constructions of firing-plants.

Issue of brochures and compositions in technical journals about gained experiences.

v Manager of the Section: Obering. Dr. F. Wiedemann.

Staff of collaborators

Experts for Power stations, Water-works, and industrial steam-boiler-plants:

Dipl.-Ing. E. Bechtel  
" " K. Lenhart } (not yet returned from Military  
" " M. Hübner } service)

Expert for Railway and Shipping:

Ingenieur F. Probst (actual residence unknown).

Expert for Gas-works and coke-oven-plants:

Dr. F. Ulrich.

Experts for industrial oven-plant including generator-plants:

Dipl.-Ing. E. Russ  
" " R. Banco  
Ingenieur K. Lehnartz.

Experts for firing-plants in agriculture, trade and household, including the laboratory for technical-firing-plants:

Replaces 8 has only research problems for future developments. The problems do not originate from coal customers - these come to the Synthesizer.

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Dipl.-Ing.	H. Schaefer	} (not yet returned from Military service)
"	J. Gier	
Engineer	G. Vallen	
"	H. Kreilos	
"	W. Kutsch	
"	A. Rebbelmund	
Dipl.-Ing.	A. Busse	
"	R. Mayer	
Engineer	J. Koch	
"	A. Segbers	
"	G. Storz	

2 workmen.

Expert for the technical library:

Dr. Ing. E. Thurow

(not yet returned from Military service).

Office staff:

A. Rast

Miss L. Gockel

" E. Grohs.

*During war shortage of fine coal necessitated study of breaking lump coal with min. of fines - shown in a plant set in the lab. - Published.*

*Cost borne by the Syndicate - Annual budget not known. May differ widely from year to year.*

*7-8 pps/T for RWKS from production. Re 110,000,000 Tons/yr. sold. Only coal used at mine. [not taxed]*

*OR 8-9 Total Ruhr prod. 127,000,000 135,000,000 Ruhr, Aachen, + Saar*

*Figures approx*