

BAG TARGET

INDEX - MICROFILM - REEL - 71
(Orig. Ident. Reel 6C)

1677 30/4.10

Items are in the following order:

13. Correspondence re: Ceramics for Pintsch - Hillebrand generators
14. Analysis of costs of 1000 kg. liquid products at Wesseling for the first quarter of 1944
24. Drawings of underground hydrogenation plants for liquid fuels (Schwalben)
22. Operating data on DHD-plant at Scholven
23. Documentation of operating improvements developed in Wesseling operation from 1941 to 1944 by Dr. Peukert
25. Comments on F. Fischer's patent application for heating coal to 300-350°C. for its aging and to remove O₂ before its hydrogenation
26. A chart of Mineral-Baugesellschaft - No. 49999-2, showing input and output of products on an hourly basis; this chart was made as a basis for designing Wesseling tankage requirements
27. Document of indeterminate origin found at Wesseling mentioning patent application that relates primarily to the chemistry of metal alcoholates and their use for divers purposes including preparation of catalysts ordnance, and medicinals
21. Files on proposed DHD-Plant at Wesseling including:
 - a. General questionnaire
 - b. Project details - material requirements
 - c. Special equipment and energy consumption
 - d. Nature of DHD-benzine produced at Wesseling
 - e. Composition of DHD-outlet gases at Ludwigshafen
 - f. Reports of operation on Wesseling benzine in the DHD plant at Ludwigshafen
 - g. Apparatus requirements for DHD-plant
 - h. Operating conditions and yields
28. Heat balance for the cracking of Eyabgase in the Pintsch-Hillebrand Water-Gas Regenerators
15. Analyses of Brown Coal employed in Wesseling Hydrogenation Plant
20. Files on problems of materials in construction in coal-hydrogenation plants, including problems of resistant materials
16. Drawing of grinding plant for coal paste
17. Analysis of a suggestion for obviating caviar formation in coal-hydrogenation plants
19. A file of documents relative to alkylate production and including:
 - a. Plant design
 - b. Flowsheet
 - c. Operating requirements
 - d. Plant costs
 - e. Description of similar operation at Leuna
 - f. Minutes of conferences

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- g. Materials consumption
- h. Required laboratory tests
- i. Operating precautions
- 18. Process for recovering oil from shale at Schömberg, Württemberg. See Series A, Bag 1677-A.

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- a. Analytical Methods
 - 1. Determination of potential gum in synthesis gas
 - 2. Evaluation of activated charcoal
 - 3. Estimation of benzol content of gases
 - 4. Determination of finely divided paraffin in gases
 - 5. Determination of SO₂ in presence of H₂S in technical gases
 - 6. Colorimetric determination of CS₂
 - 7. Analytical methods for plant control in manufacture of synthetic alcohol
 - 8. Determination of fatty acids in aqueous solution
 - 9. Control tests for gas purifying masks ("Feinreiniger")
 - 10. Analysis and working up of Fischer-Tropsch catalyst

2744 Part II - 30/5.05 - Rheinpreussen - Homberg

- 1. Papers relating to Avenarius Alcohol Plant
- 2. Properties of synthetic ketone resins
- 3. Reports on synthetic resin
- 4. Reports, analytical results, etc. on organic sulphur removal
- 5. Papers relating to possible utilization of exhausted organic sulphur contact
- 6. Reports on use of active carbon in organic sulphur removal
- 7. Reports on active charcoal used in gas and spirit scrubbers
- 8. Papers concerning cracking plant
- 9. Gas sampling and analysis for synthesis control
- 11. Analytical and preparative fine fractionation of hydrocarbon mixtures (a secret publication).
- 10. Fine fractionation - a symposium
- 12. A specification for Treibgas
- 13. Recovery of fatty acids from synthesis
- 14. Reduction of fatty acids to alcohols
- 15. Rough sketch of flowsheet of Lub. oil synthesis
- 16. Brief notes (English) on research programme for Fischer product utilization
- 17. Recovery of carbon black from cracking plant
- 18. Comparative graphical records 1939-43 for Schwarzheide, Ruhrbenzin, Rheinpreussen, Kauxel, Krupp, Wintershall, and Essen Steinkohle plants
- 19. (?Missing) Miscellaneous patent applications by Dr. Wiedmann (largely on Al(OH)₃ and Al alcoholates)
- 20. Analysis and working up of synthesis catalysts (from Kaiser Wilhelm Institute)
- 21. Determination of Thorium in CO catalysts