

BAG No. 3516 - TARGET BAD SACHSA OPPORTUNITY
I.G. FARBEN BERLIN

(a) Manufacture of Acetylene from Hydrocarbon by Electric Arc.

1. Economics of Acetylene manufacture by Electric Arc.
2. Estimation of Plant Manufacturing Costs for Acetylene by Electric Arc and Acetaldehyde therefrom.
3. Acetylene Plant at Baton Rouge.
4. Comparison of Economics of Four Processes for Acetaldehyde Manufacture.

(b) Manufacture of Ethylene.

5. Comparison of ethylene manufacture by thermal cracking of ethane and by the Oxygen Process.
6. Plant data on thermal cracking of ethane.
7. Memorandum on thermal cracking of ethane.
8. Pilot plant run on cracking ethane-propane mixture.
9. Data on cracking paraffin hydrocarbons by the Oxygen Process.

(c) Ketones from Paraffin.

10. Economics of preparation of ketones from fatty acids from paraffin oxidation.
11. Preparation of ketones from fatty acids, preparation of wetting agents and their evaluation.
12. Economics of manufacture of ketones and wetting agents.

(d) Cyclization (Hydroforming) Plant at Moosbierbaum (HF Plant).

13. Specification for Feed Stock.
14. History of the plant. (HF plant).
15. Memorandum on meeting on DHD and HF processes.
16. Report on HF Process at Moosbierbaum plant.
17. Design data on HF plant including cat. cracking and topping of crude oil.
18. Specifications on finished HF gasoline.
19. Contract between WIFO and Leuna on supply of HF gasoline.
20. Comparative hydroforming experiments with various catalysts.
21. Dehydrogenation under hydrogen with moving catalyst.

(e) Miscellaneous.

22. Isopropyl ether as aviation fuel component.
23. Specifications for DHD gasoline at Ludwigshafen.
24. Potential carbon black manufacture from Rumanian Natural Gas.
25. Transfer of the Refineries of the Petrol Block to Continentale Ol A.G., - Evaluation of Plants.
26. Sulfonation Products from High M.W. Aliphatic Olefins and their use as Detergents.