

(A) "Kuckuck" Plant Drawings

Flow sheets on Images 0001-0114

<u>Item No.</u>	<u>Drawing No.</u>	<u>Title.</u>
1	B-Sk-105	Plant Flow Sheet
2	17850-8	Plot Plan - with equipment names
3	17849-8	Plot Plan - with plant numbers and passage No's.
4	B-Sk-104	Flow Sheet - Hydroplant gas & Gasoline.
5	B-Sk-98	Flow Sheet - DHD & Gas Recovery.
6	B-Sk-99	Flow Sheet - Cat. Cracking Plant.
7	B-Sk-103	Flow Sheet - Gas Recovery System.
8	B-Sk-106	Flow Sheet - LP Gas - H ₂ Purification
9	B-Sk-108c	Flow Sheet - Caustic & Water Washing of Gasoline and Wet Gas.
10	B-Sk-97	Detail Flow Sheet - C ₄ Dehydro & Alkylation.
11	B-Sk-109-6	Flow Sheet - Wet Gas Piping Manifold.
12	B-Sk-107	Flow Sheet - Fuel Gas System.
13	B-Sk-113	Plant Material Balance Flow Sheet for Gas and Gasoline.
14		Air Inlet Piping to Linde Plant.
15	B-Sk-112a.	Flow Sheet - Sulfur Balance.
16	M-011-4	Flow Sheet - Cat. Cracking Plant.
17	M-1	Layout of Emergency Drop Out Lines.
18	* 17794-1	do. do. do.
19	B-Sk-102	Status of Project 16 Sept 1944.
20	*** 17633c-1	Pipe layout-steam & condensate line.
21	** A-700-7822a.	Plan and Elevation, Hydro Distillation Equipment.
22	** A-700-7879	Piping Flow Sheet, "
23	* 17696a-1	Gas Plant - Piping Elevations.
24	M-Sk-20345	B/M for Dwg 17696a-1.
25	M-11548-2	Cat. Cracking Reactor - Cutaway Views.
26	M-5495k-1	Valves for Cat. Cracking Reactor.
27	M-07i-1	Plan with St'ds for brickwork Cat. Cracking reactor
28	* 15980-4	Piping Diagram - Distillation.
	* Drawings by Mineralöl-Bau-Gesellschaft m.b.H.	
	** " " Rheinmetall-Borsig A.G.	
	*** " " F. Seifert	

All other drawings by Ammoniakwerk Merseburg, GmbH.

(B) "Kuckuck" Plant Drawings.

Details of "KK" Catalytic Cracking Plant.

29	M-046-1	Cooling Coils in Reactor
30	M-019-2	Gas Lines
31	M-023a-1	Reaction Chamber Setting
32	M-031-1	Piping Details.
33	M-032-1	Piping Details
34	M-041-1	Arrangement of Reactor and Apparatus.
35	M-042-1	Flow Sheet
36	M-5926a-1	Dumping Apparatus for React. Chamber.

(C) Ammonia Synthesis.

37	M-5727a-1	Flow Sheet - General
38	M-5759-1	Flow Sheet - Hydrogen Purification & Solution.
39	M-6304a-1	Piping Details
40	M-6305a-1	" "
41	M- 1	" "

(D) Miscellaneous Drawings.

<u>Item No.</u>	<u>Drawing No.</u>	<u>Title.</u>
42	B-Sk-111	LPG recovery from catalytic cracking Pilot Plant
43	Sk (12,10,43)	Flow Sheet - Allyl Chloride Plant. in
44	M-6117-16	Curves - Solubility of Methane & Hydrog. Gasoline
45	M-6118-16	Heat of dilution - Sulfuric Acid.
46	M-6119-16	" " Hydrochloric acid
47	M-10053a-2	Radiant Heat Transfer Chart.
48	M-10054a-2	" " " "
49	M-5455-8	Nomograph - Vapor Pressure vs Temp. for Hydrocarbons and aliphatic alcohols.
50	M-5127a-1	Vapor Pressure - Temp. curves Amines & Acids.
51	M-5128a-1	" " " " - Alcohols, ethers, aldehydes and Ketones.
52		Vapor Pressure - Temp. curves for alcohols.

(E) Slagging Producer.

53	M-3682d-2	Slagging Producer
54	M-799-1	Slagging Producer
55	M-11098-2	Proposed Change of Cooling System
56	Ba-902, 11/25	Piping Scheme
57	Ba-902, 11/34	Secret Installation - "waste"
58	-----	Map of Secret Plants

Flow sheets/drawings on images 0001-0114

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BAG No. 1928

I. G. FARBENINDUSTRIE

LUDWIGS HAFEN

C. I. O. S. TARGET

No. 30/4.03

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1. General Hydrogenation Data Image 0115
 - Gas makes at Pölitz
 - Solubility of H₂ in oils
 - Gas hydrates
 - Dehydrogenation of Pyrene
 - Properties of German crude oil
 - Data for A. N. I. C. on hydrog. of Albanian oil.
 - High pressure structural materials
2. Liquid Phase Hydrogenation image 0149
 - Flowsheets & performance data
 - Stall layout and controls
 - Hydrogenation of Bohlen tar over catalyst - 8376
 - Hydrogenation of Bituminous coal 250 and 600 ats.
 - Use of Bayermasse in hydrogenation of Brown Coal.
 - On the hydrogenability of coals.
 - Development of liquid phase since 1933.
 - Chemistry of asphalts.
 - Asphalts in liquid phase.
 - Ultimate analysis of liquid phase products.
 - Summaries of knowledge on liquid phase processes, 1942.
3. Vapour Phase Hydrogenation image 0321
 - Experiments with iron containing catalysts
 - Reactions using WS₂
 - Development of catalysts
 - Comparison of costs of 7019 Stall, 5058 + 6434
 - Silicon sulphide & developments on sulphides & oxides
 - Reduction of AS₂O₃
4. Engine tests on isooctane image 0361
5. Rich mixture blending agents. image 0368
6. (a) Quality of Fischer-Tropsch petrol image 0382
(b) Examination of Fischer-Tropsch product
7. Ethylene absorption from coke over gas. image 0409
8. Electrode material for aluminium manufacture image 0437
9. Synthetic alcohols. image 0440
10. Reports on Paraffin Oxidation image 0485
Synthetic fats.

11. D. H. D. image 0534
Technical Data
Flowsheet
Stall arrangements
12. Acetylene reports image 0571
Arc process from ethylene
Conversion to acetaldehyde.
Arc Process of vinyl acetylene to butadiene.

Item 12 concludes reel 024. Bag 1928 continues on reel 025.