BAG NO. 2734

C.I.O.S. TARGET NO. 30/4.11

BOTTROP

LIST OF DOCUMENTS.

1. Monthly Balances - Vapor Phase
2. Chlorine Balances
3. Monthly Balances - Liquid Phase
4. Liquid and Vapor Phase - Summary of Operating Data
5. Research-Hydrogenation of Coal Extract
6. Analyses
7. Stall Line Diagrams
8. Graphs - Operating Data
9. Line Diagrams Bituminous Coal tar Hydrogenation Btt Brochl Extraction

oOo

U.S. Government Technical Oil Mission
Report on Reel 10
(Orig. Ident. Reel 10A)

1. Frames Containing Information of Little or No Technical Value:

Frame	Item		No. of Frames
		Bag 2734 Target No. 30/4.11 - Bottrop	
186+	9	Bituminous coal tar hydrogenation line diagrams, showing operating data, process information, etc.	33
		Location of thermo-elements in autoclaves	
		Analyses of paste for ash and MoO_3 at different locations of hydrogenation chamber.	
		Tabular specifications of hydrogenation chamber. (2)	
		Hydrogenation chamber arrangement (2)	
		Flow scheme of gas phase recirculation pumps (2)	
		Flow scheme of sump phase chambers	
		Flow scheme of chambers	
		Circulation flow in gas and sump phase circulation.	
		Position of temperature measurements in chamber (8).	
		Scheme of nitrogen compression.	
		Scheme of gas circulating pumps.	
		Scheme of hot circulation.	
		Scheme of raw material chamber.	
		Scheme of water injection pumps.	
		Scheme of wash oil pump.	
		Layout of Bldg. 11.	
		Flow diagram of inlet pumps.	
		Scheme of meters.	
		Tables of pressure measurements.	
		Hydrogenation flow scheme.	
		Flow scheme of coolers.	
		Bag 2743 Target No. 30/4.09 - Scholven	
220+	1	Line Diagrams, Hydrogenation	
		Flow sheets and material balance sheets (diagrammatic) no dates given.	10
238+	3	Equipment List for Hydrogenation Plant	
		November 1, 1941 Equipment Layout; also describes duties which equipment has to perform	13
		November 10, 1941 Office Memorandum	1
		November 21, 1941 Additional information to equipment layout. Space requirements, operating data, etc.	11

Frame	Item		No. of Frames
502+	2	T-52-Butane dehydrogenation plant.	
		December 4, 1942 Report on trip to Merseburg Ammonia Plant. Subject: Dehydrogenation furnace, catalyst "demixing," Slot tubes, Temperature distribution, T-52 questions, Furnishing intermediate contact, Treatment of catalyst for reclaiming. AT plant: Starting up at Leuna, Stabilization of condensate.	4
		November 27) December 4) December 2, 1942) 4 questionnaires on operating conditions of process. (Temperatures, pressures, gas volume, and others)	4
511+	3	Scholven III or Gladbeck	
		June 9, 1943 A series of letters dealing apparently with a hydrogenation plant. Such data as raw material needs, labor requirements, dimensions of building sites, etc., are given. Four detail drawings of hydrogenation equipment. Several tabulations giving information on such things as production data, cost, energy requirements, auxiliary plants, etc.	63

2. Illegible Frames:

Bag 2734 Target No. 30/4.11 - Bottrop

106+	8	Operational Data	
		Analytical data sheets, all in graphical form, recorded daily from January 1943 to May 1944.	7
		Operating data sheets in graphical form recorded daily from June 1941 to May 1944.	31
		Letter requesting permission for construction of a vacuum distillation unit, dated November 25, 1940; Two detailed drawings of requested unit.	4 2
		Operational data sheets in graphical form.	26

Bag 2743 Target No. 30/4.09 - Scholven

231+	2	Data on Interchangers and Preheaters. June 18, 1937 Discussion on using gas heat for preheaters (including two graphs)	5

Bag 2246 Target No. 30/4.09 - Scholven

471+	1	December 15, 1942 File Memorandum on AT-244 Plant	6

3. Index to Frames Included in Report