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DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF, CHEMICAL CORPS
Chemical Corps Technical Committee
Army Chemical Center, Maryland

CCTC
ITEM 2128

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CMLWH

TSE/5190/rmv
23 May 1950
(Revised 8. Jun. 50)

SUBJECT: Chemical Corps FY 1951 Project Program

TO: Chairman, CCTC

EXCLUDED FROM GENERAL
DECLASSIFICATION SCHEDULE

1. References:

- a. CCTC Item 1990, approved by CCTC Item 2009, 22 July 1949.
- b. SR 705-5-1, Research and Development, Type Classification, and Modification of Materiel, 17 March 1949, w/2 changes.
- c. SR 705-20-1, Priorities for Research and Development Projects, 17 March 1949.
- d. Letter, CSGLD/F1 61409 GSUSA, 19 Dec 1949, "Instructions for RDB Reports on Research and Development Activities (Reports Control Symbols DD-RDR-2, -3, and 4)", to Technical Services, w/2 Incls.

2. Discussion:

a. Reference a. identifies the Technical Committee action that described and approved the Chemical Corps research and development program for FY 1950 which, as initially conceived, consisted of 204 projects not including those specially classified and in the Top Secret category. During the course of the fiscal year six (6) new projects were added and seven (7) were terminated in accordance with changing needs and requirements as reflected in action coordinated through this Committee. As the result of this continuous revision the 1950 project program currently consists of 203 projects exclusive of those accorded special security classification.

b. In order to provide a timely and periodic review of all Chemical Corps research and development activity as stipulated by paragraph 12.g. of SR 705-5-1 (ref. b.) and reappraise all project priorities as required by SR 705-20-1 (ref. c.), the Cml C project program is reviewed annually with respect to accomplishment and changes required with reference to projects that should be terminated, initiated, or cancelled in order to provide a balanced program. More detailed objectives of this review are to assure completely integrated development covering the area of Chemical Corps research and development responsibility which will be based on JCS, RDB, and DA guidance, firmness of requirements, and the adequacy promise of each project with which are correlated the availability

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EXEMPT FROM AUTOMATIC DECLASSIFICATION;
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RESEARCH AND DEVELOPMENT PROJECT CARD (NEW PROJECTS)		2. SEC. SEC	3. PROJ. NO. 4-04-15-005
1. PROJECT TITLE Gas Bomb for G Series Filling		4.	
6. BASIC FIELD OR SUBJECT Ammunition		5. REPORT DATE 1 Jul 50	
7. SUB FIELD OR SUBJECT SUB GROUP Munitions, Chemical		CW-3	
8. COGNIZANT AGENCY Cml C	12. CONTRACTOR AND/OR LABORATORY Mun Div, Tech Comd		CONTRACT/W. O. NO.
9. DIRECTING AGENCY Tech Comd, Army Cml Center, Md	13. RELATED PROJECTS		
10. REQUESTING AGENCY Cml C	4-04-15-007		17. EST. COMPL. DATES
11. PARTICIPATION AND/OR COORDINATION (AR) Army, USAF (50M) 15-04-61-002 BuOrd (40M)	14. DATE APPROVED 22 Jul 1947, CCTC Item 1760		RES.
	15. PRIORITY 1-C	16. MAJ CAT	DEV. Jun 50
19. SUPERSEDED REPORTS Project Card No 4-04-15-05 dated 25 May 1949		OP EVAL ?	
20. REQUIREMENT AND/OR JUSTIFICATION		Fy 18. FISCAL EST'S.	
(b)(2) HIGH		51	100M
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21. BRIEF OF PROJECT AND OBJECTIVE			
a. (b)(3):10 USC 130			
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RESEARCH AND DEVELOPMENT PROJECT CARD (NEW PROJECTS)		2. SEC. SEC	3. PROJ. NO. 4-08-03-005	
1. PROJECT TITLE Agents of the G Series			4.	
6. BASIC FIELD OR SUBJECT Chemical Warfare			5. REPORT DATE 1 Jul 50	
7. SUB FIELD OR SUBJECT SUB GROUP Agents			CW-1a	
8. COGNIZANT AGENCY Cml C		12. CONTRACTOR AND/OR LABORATORY Cml Div, Tech Comd; Shell Dev Co,		CONTRACT/W. O. NO. W18-108-CM-1322
9. DIRECTING AGENCY Tech Comd, Army Cml Center, Md		13. RELATED PROJECTS 4-72-06-006, 4-72-06-008, 4-92-03-002		17. EST. COMPL. DATES
10. REQUESTING AGENCY Cml C		14. DATE APPROVED 26 Sep 1946, CCTC Item 1703		RES. Cont
11. PARTICIPATION AND/OR COORDINATION (AR) Army		15. PRIORITY 1-C		DEV. Cont
		16. MAJ CAT		TEST ?
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				Fy 18. FISCAL EST'S.
				51 95M
				52 80M
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19. SUPERSEDED REPORTS Project Card No. 4-08-03-05 dated 25 May 1949				
20. REQUIREMENT AND/OR JUSTIFICATION (b)(2) HIGH				
21. BRIEF OF PROJECT AND OBJECTIVE a. (b)(2) HIGH b.				
22. RDB SN.		PC.	IC & P.	I. I. C.

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RESEARCH AND DEVELOPMENT PROJECT CARD (NEW PROJECTS)		2. SEC.	SEC	3. PROJ. NO. 4-92-03-002	
1. PROJECT TITLE GB Plant, Process Development			4.		
6. BASIC FIELD OR SUBJECT Processing & Manufacturing Methods, & Techniques, & Equipment			7. SUB FIELD OR SUBJECT SUB GROUP Chemicals CW-1a		
8. COGNIZANT AGENCY Cml C		12. CONTRACTOR AND/OR LABORATORY Plants Div, Tech Comd, Shell Dev Lab		CONTRACT/W. O. NO. W18-108-CM-1322	
9. DIRECTING AGENCY Tech Comd, Army Cml Center, Md		10. REQUESTING AGENCY Cml C		11. PARTICIPATION AND/OR COORDINATION (AR) Army	
13. RELATED PROJECTS 4-04-15-005		14. DATE APPROVED 8 Apr 1946, CCTC Item 1703		17. EST. COMPL. DATES RES. DEV. FY 55 TEST OP. EVAL.	
15. PRIORITY 1-C		16. MAJ CAT		18. FISCAL EST'S. 51 80M 52 80M T 240M	
19. SUPERSEDED REPORTS Project Card No. 4-92-03-02 dated 25 May 1949					
20. REQUIREMENT AND/OR JUSTIFICATION (b)(2) HIGH					
21. BRIEF OF PROJECT AND OBJECTIVE					
<p>a. <u>Brief.</u> The object of this project is to develop a manufacturing technique together with the necessary equipment and operating directives for designing a plant capable of producing GB in the quantities necessary for use in military operations. All present operable processes are characterized by a low yield (40-50%).</p> <p>b. <u>Approach.</u> (1) Work will be done on the operation of steps 4 and 5 in the pilot plant to improve yields, simplify operations, prepare operating directives, and evaluate hazards of operations. (2) Work will be done on the pilot plant operation of the aluminum chloride process to improve yields. (3) Further laboratory exploration is being done under contract by Shell Development Laboratories. (4) Any additional processes, or changes in present processes that appear to offer promise will be investigated.</p> <p>c. <u>Sub-tasks.</u> None</p> <p>d. <u>Other Information.</u> None</p>					
22. RDB SN.		FC.	IC & P.	X.	I. C.