

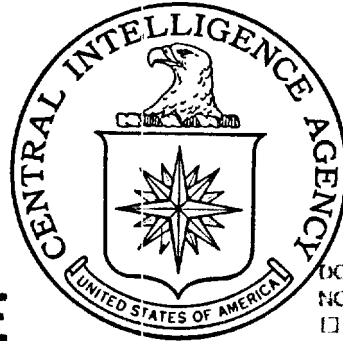
No. Pages: 0

~~TOP SECRET~~

COPY NO.: 29

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

SUPERPHOSPHATE PLANT
DZHAMBUL, USSR



**CONTAINS SENSITIVE
COMPARTMENTED INFORMATION** TA-M54-57

DOCUMENT NO. 18
NO CHANGE IN CLASS.
 DECLASSIFIED
CLASS. CHANGED TO: TS(S) 2702
NEXT REVIEW DATE: _____
AUTH: HR 70-2
DATE: 0706/72 REVIEWER: 3371

31 DECEMBER 1957

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

CENTRAL INTELLIGENCE AGENCY
OFFICE OF RESEARCH AND REPORTS

This document contains information usable only within the TALENT CONTROL SYSTEM. It is to be seen on a MUST-KNOW BASIS ONLY BY PERSONNEL ESPECIALLY INDOCTRINATED AND AUTHORIZED. Reproduction is prohibited unless approved by the originator.

Declass Review by
NIMA/DOD

~~TOP SECRET~~

**T
A
L
E
N
T**

WARNING

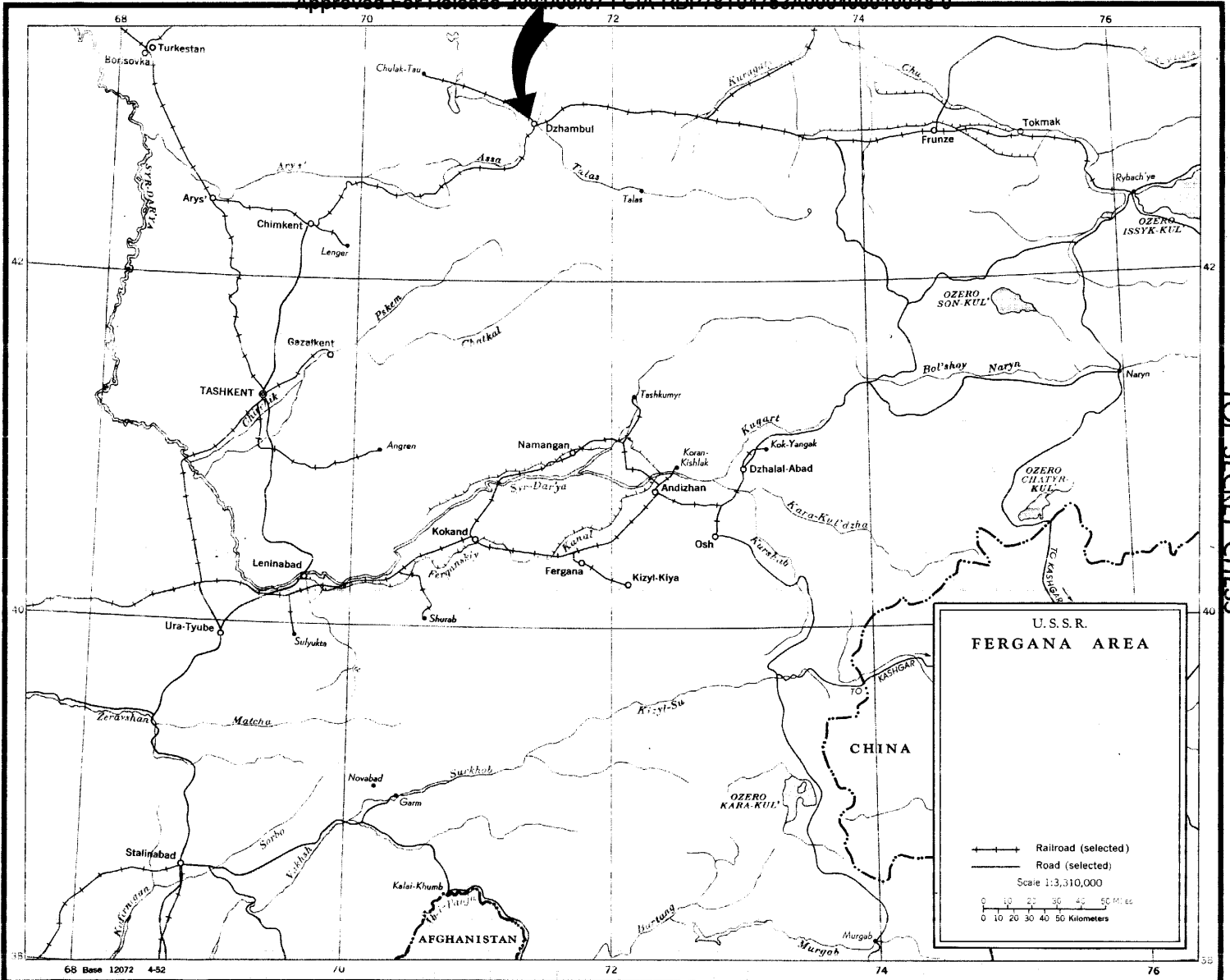
This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

SUPERPHOSPHATE PLANT

DZHAMBUL, USSR

HTA/M-54/57

31 December 1957



TOP SECRET CHESS

TOP SECRET CHESS

HTA/M-54/57

SUPERPHOSPHATE PLANT

DZHAMBUL, USSR

The Dzhambul Superphosphate Plant, located on the northwest outskirts of the city, is one of the major producers of phosphatic fertilizers in Kazakhstan. The superphosphate plant, two sulphuric acid production units and a thermal power plant are located within a fenced area measuring 5,400 by 2,700 feet. Phosphate ore is shipped by rail from the Kara-Tau Hills mining area for processing at the Dzhambul plant. Both sulphuric acid units have ore crushing and heat treatment facilities and reportedly extract sulphur from pyrite ores.

One of the sulphuric acid units produces acid for the fertilizer plant. The second sulphuric acid unit produces acid for shipment to other area. Railroad tank cars are observed on sidings adjacent to the acid storage tanks.

The major components of the plant are identified on the accompanying photograph and described on the following key to annotations.

HTA/M-54/57

KEY TO ANNOTATIONS

1. Administration building, 140' x 35'.
2. Sulphuric acid production unit #1: Supplies sulphuric acid for the superphosphate fertilizer.
3. Sulphur ore crushing building, 105' x 100'.
4. Granulated superphosphate mixing building, 600' x 110'.
5. Powdered superphosphate mixing building, 600' x 110'.
6. Cooling tower. Does not appear to be in operation.
7. Thermal power plant, 290' x 120'.
8. Coal storage.
9. Probable warehouse, 400' x 50'. A single track rail spur passes through the building.
10. Probable shop building, 260' x 75'.
11. Sulphuric acid production unit #2: Presence of tank cars indicates that this unit produces sulphuric acid for shipment to other areas.
12. Probable shop building, 220' x 50'.
13. Phosphate ore crushing building, 90' x 85'.
14. Fertilizer bagging and shipping building, 400' x 110'.
15. Sulphur ore crushing building, 200' x 110'. A single track rail spur passes through the building.
16. Water cooling and storage ponds, newly constructed.

Approved

TOP SECRET - CHESS
Release 2001/09/07 - CIA-RDP78T04751A000400010018-0

57



**SUPERPHOSPHATE PLANT
DZHAMBUL, USSR**

42° 56' N - 71° 22' E

25 X 1D

SCALE 1:7,230

DATE OF PHOTOGRAPHY [REDACTED]

Approved

Release 2001/09/07 - CIA-RDP78T04751A000400010018-0

57

TOP SECRET - CHESS

Page 5

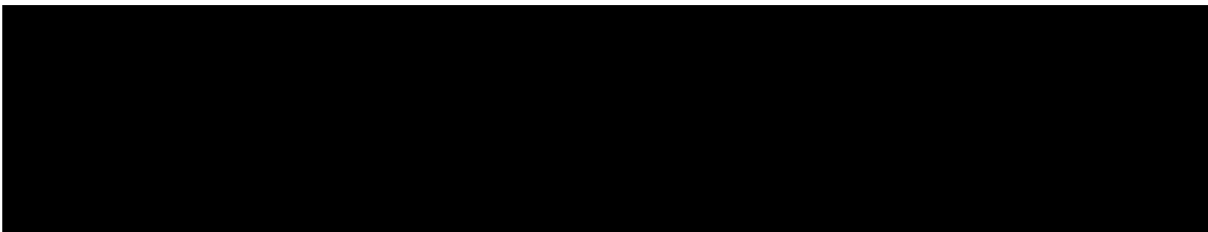
TOP SECRET CHESS

Approved For Release 2001/09/07 : CIA-RDP78T04753A000400010018-0

HTA/M-54/57

REQUIREMENT: Prepared in answer to RR/HTA/E/R48/57 requesting
a description of the Superphosphate Plant at Dzhambul, USSR,
including new construction and function of plant buildings.

25X1D



REFERENCE:

ATMP: 0328-9903-0-25 (Prov) 1st Ed., Apr 1955

COORDINATES: 42° 56'N 71° 22'E

B.E. NUMBER: 

25X1A

TOP SECRET CHESS

~~TOP SECRET~~

T
A
L
L
E
N
T

~~TOP SECRET~~