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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM



MACHINERY MANUFACTURING PLANT
"FRUNZE"
CHIRCHIK, USSR



**CONTAINS SENSITIVE
COMPARTMENTED INFORMATION** HTA-M53-57

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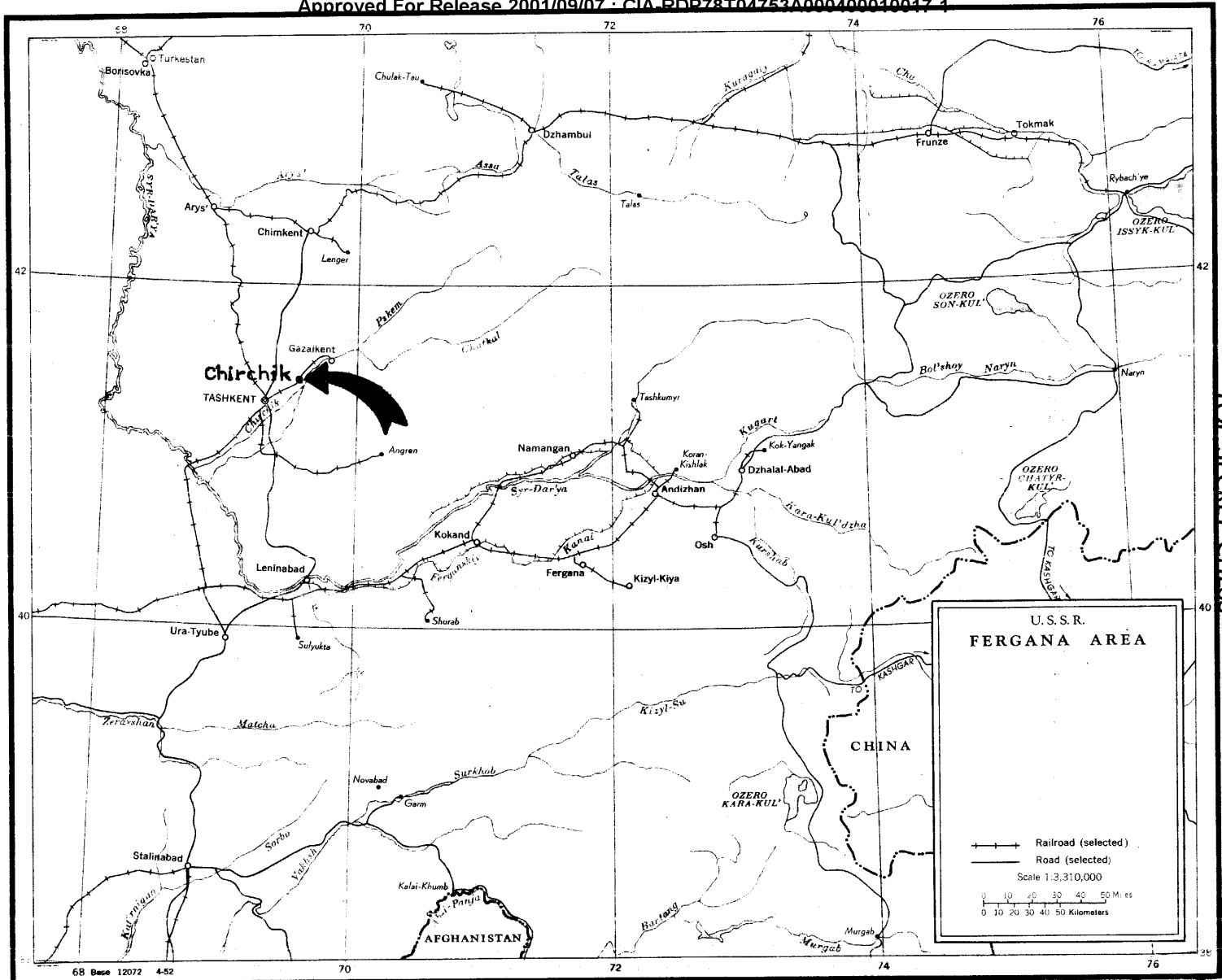
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MACHINERY MANUFACTURING PLANT "FRUNZE"

CHIRCHIK, USSR

HTA/M-53/57
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MACHINERY MANUFACTURING PLANT "FRUNZE"
CHIRCHIK, USSR

The Chirchik Machinery Manufacturing Plant "Frunze", located in the central part of the city, is a major producer of chemical machinery required for atomic weapons production. 1/ Machinery is also produced for chemical plants, metallurgical plants, coal mines, and naval vessels.

The plant, completely surrounded by a high wall, occupies an area approximately 2000 by 1000 feet and has a total roof cover of approximately 543,000 square feet. The plant is served by numerous rail spurs and roads. Electric power is probably supplied through the large transformer station in the adjoining Chirchik Electrochemical Combine "Stalin".

There is no photographic evidence of recent plant expansion. However, collateral information indicates construction of an electroplating shop and a small transformer building since [REDACTED]

25X1D

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

KEY TO ANNOTATIONS

1. Main road entrance to installation. Controlled by plant security guards.
2. Administration building, two sections 200' x 55' and 240' x 55', connected by covered passageway over plant road entrance.
3. Storage building for electrical supplies, 110' x 50'.
4. Guard quarters, 150' x 40'.
5. Machine shop and compressor assembly building, single story, roof area 85,625 sq. ft. Bridge crane on west side, track 190' long and 50' wide.
6. Foundry, single story, roof area 87,000 sq. ft.
7. Plant office building, 90' x 90'.
8. Pattern shop, 280' x 110'.
9. Crusher building, 65' x 20'. Crushes rejected castings.
10. Sawmill, 120' x 30'.
11. Rail line connecting with Chirchik-Tashkent railroad.
12. Rail entrance to plant, controlled by plant security guards.
13. Two separate revetted pits, each 50' x 35'. Three 30' x 10' tanks in each pit, probably for storage of flammable liquids.
14. Plant messhall, single story, roof area 21,475 sq. ft.
15. Air compressor building, 100' x 50'.
16. Transformer building, single story, roof area 5,875 sq. ft.
17. Machine shop and pump assembly, 300' x 80'. Also produces plate metal shearing machines.
18. Machine shop and stainless steel tank assembly, single story, roof area 62,350 sq. ft.
19. Storage building, 145' x 65'.
20. Acetylene tank charging building, 65' x 55'. 25X1D
21. Stainless steel tank fabrication and assembly shop, single story, roof area 74,500 sq. ft.
22. Probable transformer building, 170' x 50'. Overhead powerline bridge to electroplating shop (Item 23). New since [REDACTED]
23. Electroplating shop, single story, roof area 42,700 sq. ft. New since [REDACTED] 25X1D
24. Storage building, for oil supplies, 90' x 20'.
25. Storage building, for grease and lub supplies, 50' x 40'.
26. Boilerhouse, 105' x 40'.
27. Fire station and garage, two buildings, 45' x 30' and 55' x 30'. 25X1A
28. Rail entrance to Chirchik Electrochemical Combine "Stalin" [REDACTED] Controlled by plant security guards.

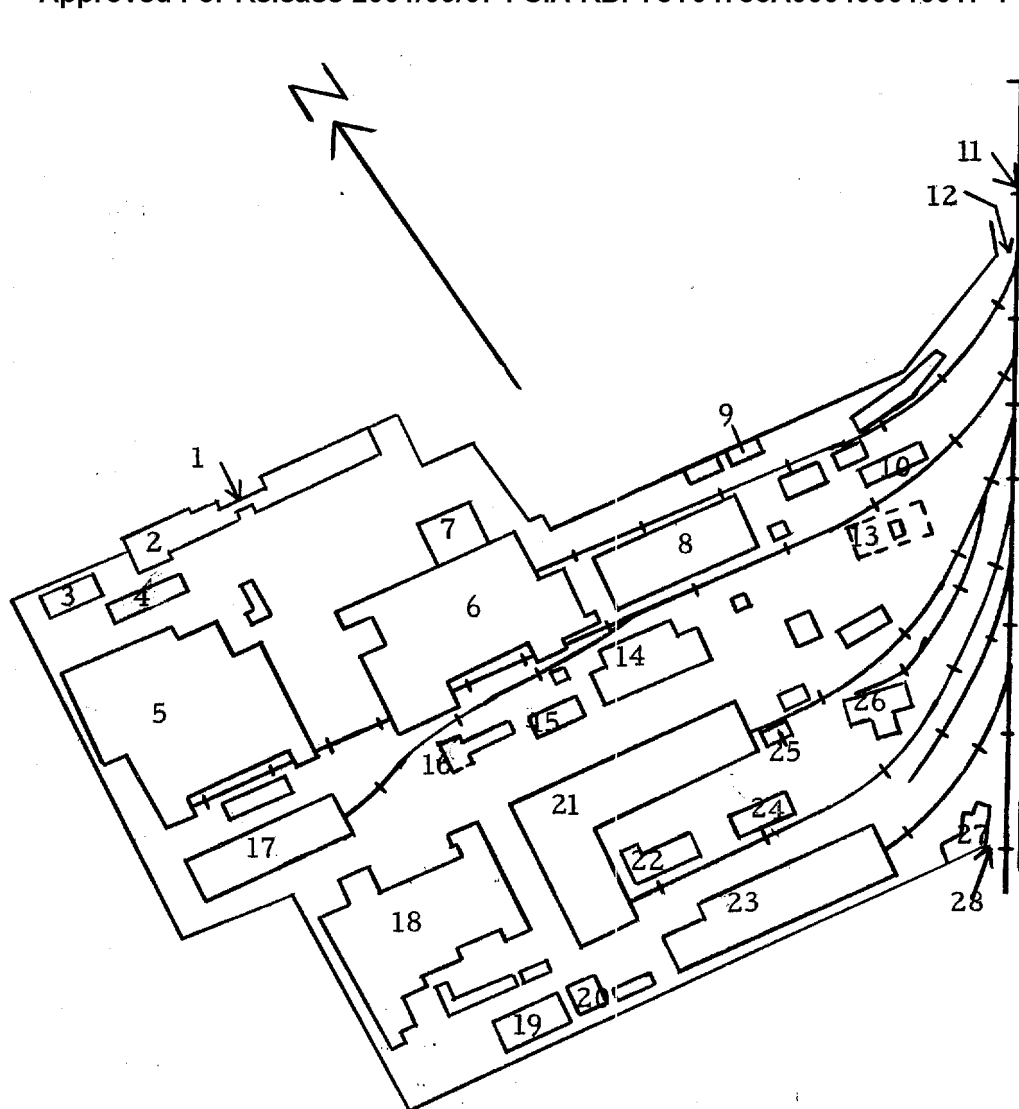


Fig. 1. Sketch of Chirchik Machinery Manufacturing Plant "Frunze"

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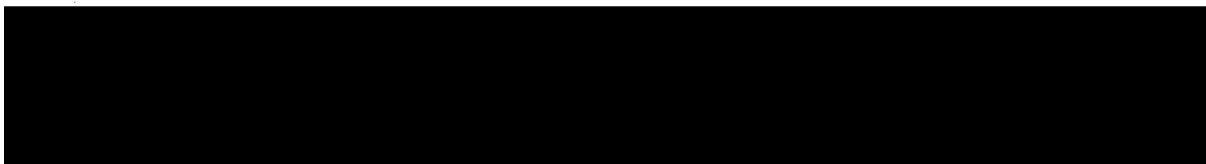
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REQUIREMENT: Prepared in answer to RR/HTA/SI/R60/57 and
RR/HTA/SI/R61/57 requesting a description of the Chirchik
Machinery Manufacturing Plant "Frunze", including plant
security and any transportation equipment on end products
that may be present.

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REFERENCES:

ATMP: 0328-9998-0-25A, 1st Ed., May 1955

Other : 1/ CIA. NIS 26, Section 73, Jan 1951. TS

COORDINATES: 41° 28'N 69° 35'E



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