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SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY USSR (Stalingrad Oblast)

DATE DISTR. 25 March 1951

25X1 SUBJECT Red Barricade Gun Factory

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25X1 DATE OF INFO.

SUPPLEMENT TO REPORT NO.

[Redacted]

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25X1 [Redacted]

1. Location:

About 400 m west of the Volga River, about 1,500 m south of the Dershinski Tractor Plant and 700 m north of the Krasny Otkriabr Plant in Stalingrad (44°37'E/48°47'N).

2. Designation of the plant:

Red Barricade Plant.

3. History:

a. The plant was seriously damaged during the war. The reconstruction work, following the designs of the former plant layout, started immediately after the Soviets recaptured Stalingrad.

b. The state of reconstruction work as in August 1949 is shown in the annexed sketch. When the first TMs arrived in the plant in 1945 production and repairwork had started in workshops (1), (3), (6) through (8), (10), (20) and (26).

4. Plant installations:

[Redacted]

25X1

a. Workshop 4, assembly shop (1)

Steel frame and brickwork structure.

In addition to the assembly of guns old guns were also repaired. [Redacted]

25X1

b. Workshop 3, mechanical workshops (3)

Drilling and turning of gun barrels was observed.

Document No. [Redacted]
No Change in Class. [Redacted]
[Redacted] 25X1
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[redacted] 25X1

c. Workshop parts under construction (4)

The future layout cannot be determined. [redacted] 25X1

25X1

[redacted]
that the end of construction of this workshop section, a legendy comprised of workshops 6 through 10, could not be determined in October 1949.

d. Tool shop (6)

e. Workshop 15, lathe shop (7), (E)

An annex (9) was constructed for an annealing furnace.

f. Forge and pressing shop (10)

[redacted] 25X1

g. Hardening shop (13) [redacted] 25X1

n. Workshop 24, foundry (16) and (17)

25X1

[redacted] building (17) is an extension of building (16). There were six open-hearth furnaces according to [redacted] said this building was a "boiler house" but without giving further information on the installation. 25X1

i. Workshop 1, mechanical workshops (1)

25X1

[redacted] start of operation for January 1949. [redacted] were produced here.

k. Open-hearth shop (20) [redacted] open-hearth furnaces). 25X1

l. Mechanical workshops (25) with grinding shop, lathe shop and milling shop.

m. Workshop 32, forge and pressing shop (26). [redacted] oil fueled hardening furnaces. [redacted] from the furnaces to the oil tanks (D). 25X1

n. Boiler house (27)

The indications on the boiler house are very uncertain. [redacted] do not mention any boiler house [redacted] somewhat further to the west. It is also possible that the four large smokestacks west of the building (11), which were not yet rebuilt, led to the assumption that building (27) is a boiler house. 25X1

5. Work force:

25X1

a. [redacted] Construction work was first done with 4,000 to 5,000 P.M.s, later with about 3,000 P.M.s. The following Soviet work forces were estimated:

4,000 to 5,000 in 1945/1946 [redacted] 25X1
15,000 in February 1947 [redacted] 25X1
6,000 to 7,000 in October 1947 [redacted]
9,000 to 10,000 in March 1948 [redacted] 25X1
5,000 to 6,000 in October 1949 [redacted]

6. Management:

No information is available. [redacted] to 25X1

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be done by the Building Trust No 53 under the supervision of the engineers Volkenstein and Kuligin. However, this information is hardly credible.

7. Production:

[redacted] gun barrels about 10 to 12 m long with a caliber ranging from 70 to 420 mm.

Individual data [redacted]

a. Gun barrels, caliber about 88 and 122 mm [redacted] produced in 1945/1946.

b. Gun barrels, breech blocks, crank shafts for internal combustion engines. Many castings for reconstruction requirements. [redacted] beginning of 1947.

c. Gun barrels, caliber about 420 and 170 to 200 mm. Two barrels were moved daily to the artillery range for test firing. [redacted] October 1947.

d. In addition to the daily production of 5 or 6 long-barrel guns much repairwork was done on guns and mortars. [redacted] December 1947.

e. Long barrels and torpedo tubes. [redacted]

f. [redacted] T21 tank, and the repair of [redacted] of anti-tank guns and howitzers. [redacted] T34 tanks were possibly smelted in the plant as he never observed tanks to leave the plant.

g. [redacted] indicated seeing two 122-mm barrels leaving daily for the artillery range during November 1948.

h. [redacted] reported gun barrels with a caliber of about 70, 80, 105 and also 420 mm.

8. Artillery range:

[redacted] of the plant in a depression traversed by a small brook. [redacted] that the gun barrels were placed on special gun carriages before they left the plant. [redacted] in the plant. [redacted] to have been mounted on gun motor carriages which were only used for transportation to and from the artillery range.

9. Outgoing shipments:

[redacted] left the plant by rail, rarely by truck. [redacted] tractor parts to the Dzerzhinski Tractor Plant.

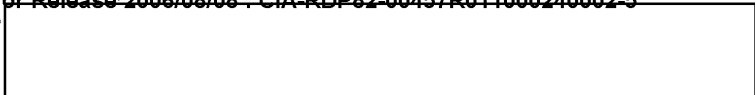
10. Raw materials:

[redacted]

11. Power supply:

[redacted] learned that power was supplied from Stalino as there was no power plant in Stalingrad. (December 1947). [redacted] from an open-air transformer station, 200 m west of the plant.

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12. Machine equipment:

American, British, German and Soviet machines were observed.

13. Security:

25X1

[Redacted] No mention was made of any air raid precautionary measures.

14. Railroad facilities:

25X1

Two spur tracks enter the plant from both the north and the south. [Redacted] 25X1

25X1

[Redacted] The tracks pass each workshop. The entire transportation traffic within the plant can be done by freight cars and shunting locomotives.

25X1

[Redacted] Comment:

25X1

a. Note to para 4g: According to additional available records it is proved [Redacted] in the workshop building 13 is the gray-iron and non-ferrous metal foundry.

b. Note to para 4h: [Redacted] (as also shown 25X1

in other records) that the workshop sections 16 and 17 are a boiler house. At any rate the heating of the plant is done from this building. It was not learned whether electric power is also generated. A former Russian [Redacted] designated the installation as TEZ (i.e. heating and power plant). However, he also indicated that electric power was supplied from Stal-Ges.

c. Note to para 4k: There are four furnaces, three open-hearth furnaces and one large furnace, for the melting of scrap.

d. Note to para 4l: Workshop 25 is the mechanical repair department of the plant.

e. Note to para 4n: This is possibly a compressor station operating the steam hammers and steam presses in workshop 10 (later also in workshop 11).

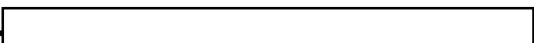
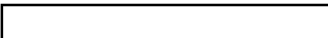
In 1942 the workshop buildings 10 through 13 totaled eight smokestacks.

f. The production data are much too uncertain to allow any critical examination. It is only proved that the plant was not in full operation by the end of 1945. Apart from some activities for plant requirements (repairs, reconstruction work) the available capacity seems to be fully used for gun production. There are only sporadic reports on secondary products such as engine shafts. The present monthly output will hardly exceed 200 guns of all caliber.

2. Annexes:

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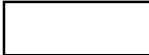
1 - Layout sketch of the Krasni Derribody Gun Factory [Redacted] in Stalingrad 25X1





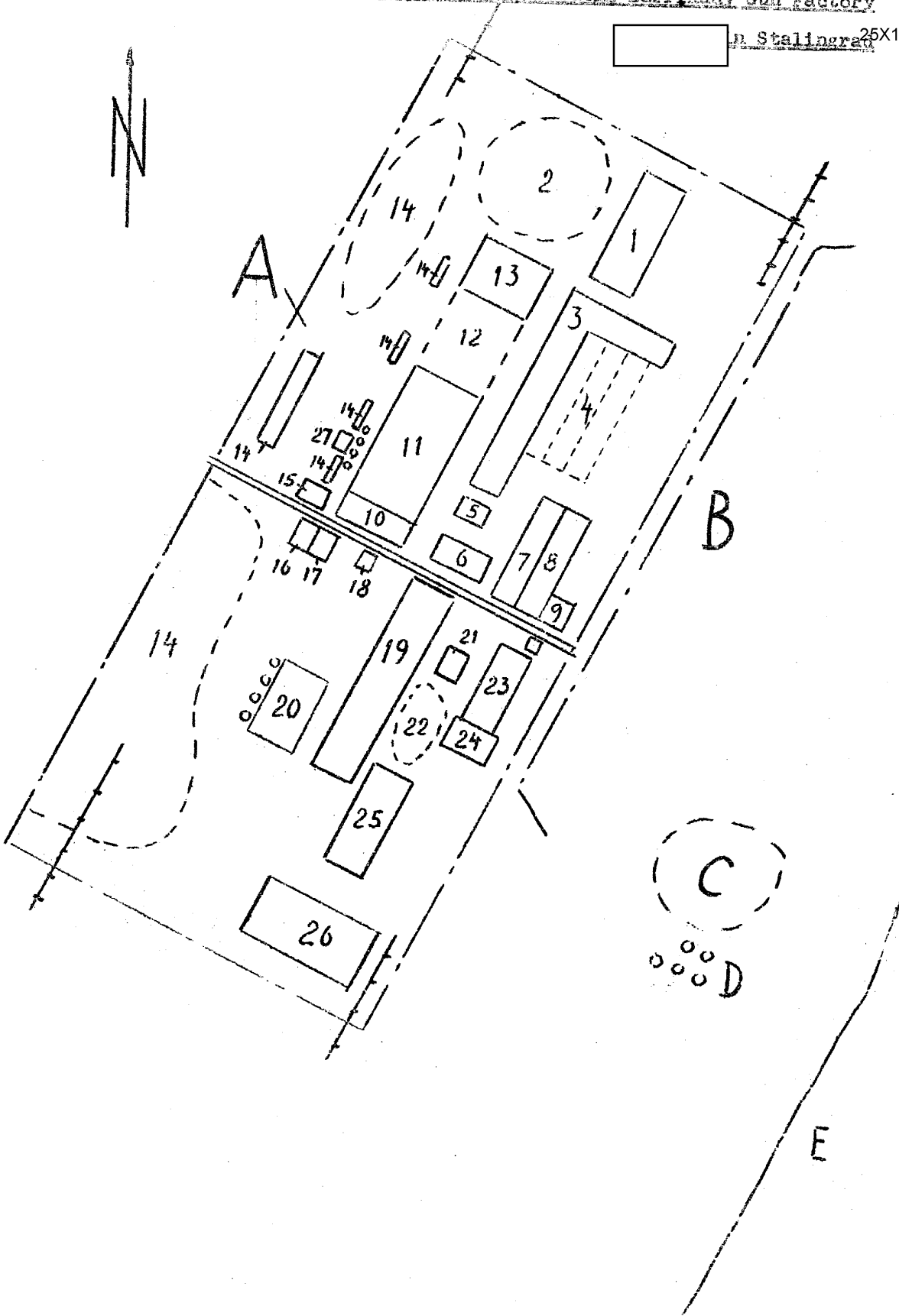
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Layout Sketch of the Krasni Barrikady Gun Factory



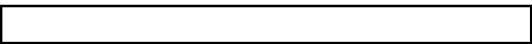
n. Stalingrad

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scale about 1:6,500

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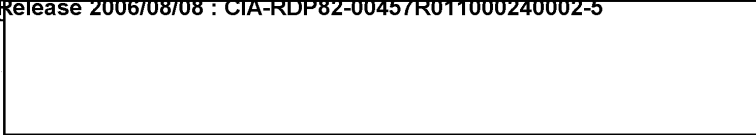
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Legend of Annex 1Layout sketch of the Krasni Barrikady Gun factory in Stalingrad

25X1

(A) Red Barricade Plant

- (1) Workshop 4, assembly shop
- (2) Scrap dump
- (3) Workshop 3, mechanical workshops
- (4) Workshop parts under construction
- (5) Office building
- (6) Tool shop
- (7) (8) and (9) mechanical workshops and hardening shop
- (10) Forge and pressing shop
- (11) Various workshops, some of them completed. At the time of observation they were temporarily used as office and storage rooms. At the western side were four large smokestacks, the construction of which was not completed at the beginning of 1949.
- (12) Destroyed workshop buildings
- (13) Hardening shop, only part of the building had been restored.
- (14) Various contentment buildings for the storage of materials, some locomotive sheds and small office buildings.
- (15) Central administration
- (16) and (17) Workshop 24, foundry
- (18) Metallurgical laboratory
- (19) Workshop 1, mechanical workshops
- (20) Open-hearth workshop
- (21) Transformer station (location as indicated in sketch is not credible.)
- (22) Destroyed workshop buildings
- (23) Workshop building under construction
- (24) Completed workshop part, used as depot for materials and machines
- (25) Mechanical workshops
- (26) Workshop 32, forge and pressing shop
- (27) Boiler house



- (B) Settlement area
- (C) Scrap dump
- (D) Oil tanks
- (E) Volga River.

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