

INFORMATION REPORT

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COUNTRY USSR (Georgian SSR)  
SUBJECT Industries in Rustavi

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SUPPLEMENT TO  
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The constructions of the industrial installations of  
Rustavi (45° 01' E/41° 34' N), Georgian SSR, are repro-  
duced on attached sketches, status - Fall of 1949.

For total survey on the industrial area see Annex No 1  
For power plant and water works see Annex No 2.

Comment:

A very clear picture of the latest status of the combined  
iron and steel plants under construction and their auxili-  
ary plants is given by the attached sketches. Although the  
great number of buildings are only vaguely reproduced, they  
fully confirm previous information.

New details on the type of construction of the plant instal-  
lations are revealed by the two sketches and pertaining  
legends. Most of the buildings which are located on both  
sides of the Tiflis-Baku railroad trunk line are reported  
on for the first time.

Comment: The annexes to which this report refers are being distri-  
buted as customer. Only enough copies are available to allow one for each

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CENTRAL INTELLIGENCE AGENCY

Legend to Annex 1

Quarters:

- 1 PT camp No 181/2
- 2 PT camp No 181/11, previously/3
- 3 former PT camp No 181/5, now civilian quarters
- 4 Dwellings of civilian convicts
- 5 New quarters for civilians
- 6 Living quarters under construction, 25 to 40 percent completed

Military Installations

- 7 part of a former improvised airfield with one hangar, 36x18x10 meters and several unidentified, small buildings. The hangar is an iron structure with slag-stone lining
- 8 New military airfield, limits not ascertained
- 9 Quarters of two MVD companies guarding the Pts
- 10 Quarters of one MVD company guarding civilian convicts
- 11 Municipal police guard posts
- 12 switchboard for military and civilians

Traffic Installations

- 13a and 13b Railroad stops and railroad stations of the Tiflis-Baku railroad trunk line
- 14 Railroad power transformer station
- 15 main railroad line Tiflis-Baku, electrified to Rustavi, the section Rustavi-Baku is equipped with oil fueled locomotives
- 16 Branch tracks leading to industrial installations and construction sites
- 17 Newly constructed road
- 18 Road under construction, 30 percent completed
- 19 Bridge over the Kura River. The two approaches are each about 180 meters long, mounting 3 to 3½ meters. 70 percent completed.

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CENTRAL INTELLIGENCE AGENCY

Legend to Annex 1, continuedInstallations for the Gas and Water Supply

- 20 Water tower, 9 meters high and 3 meters in diameter
- 21 a. Pumping station and settling plant under construction, 80 percent completed. Two of the seven projected pumps are in operation
  - b. Central water works with two concreted water tanks, 80 percent completed; for details see Annex 2
- 22 Double water pipe line in concrete tubes, 1.8x1.8 meters, 4 meters underground. One line completed, the other one 20 percent completed
- 23 Heating gas line; 5 or 6 partially insulated steel pipes of 30 cm diameter in a canal with a 12 cm thick concrete lining. The canal is 4 meters wide and has small towers posted at intervals of 24 meters, presumably for ventilation. 80 percent of the canal are completed

Municipal and Industrial Supply Installations

- 24 Bread factory
- 25 Food stores
- 26 Motor vehicle park with several hundred vehicles and two repair shops, 30x9x15 meters each
- 27 Stores with sheet metal and pipes
- 28 "SEN" Electro Working Plant
- 29 Firm doing work on canals, installation of sanitary equipment, of water pipes, sewage, regulation and utilization of waste gases; designated "Santechstroj"
- 30 "Transstroj" construction firm for roads and railroad lines
- 31 a. Oxygen plant
  - b. Construction site, area partially surveyed, some constructions started. plant under construction will officially be a nitrogen plant and, according to rumors, an ammunition plant
- 32 Wood working plant and sawmill, equipped with several saw frames
- 33 Lignite plant under construction, 60 percent completed
- 34 "CBK" combined concrete plants including stone crushing installations and a high mixing tower
- 35 "RBS" mechanical repair shop for tools and construction utensils
- 36 Construction firm, specialized for steel structures

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CENTRAL INTELLIGENCE AGENCY

Legend to Annex 1, continuedPower supply installations

- 37 Power plant under construction since the spring of 1949, half completed, partially in operation, for details see Annex 2
- 38 Coal storage of the power plant with conveyer installation under construction, 70 percent completed
- 39 Long distance power transmission line on steel masts, four cables led to the west, six cables led to the railroad transformer station and farther on to the east

Installations of the Steel Industry

- 40 Blast furnace plant under construction, 20 percent completed
- 41 Steel plant under construction, 40 percent completed
- 42 Projected area and construction site of rolling mill 30 percent completed; further details were not available
- 43 Five steel processing workshops, each 45x15x18 meters, iron structures with masonry lining. The saddle roofs are covered with concrete slabs and sheet metal. Machines arrived constantly since late 1948. No details are available on the type of machines, their origin, and the planned production
- 44 Central storage for machines
- 45 Storage area with machinery from an unknown German steel plant and rolling mill.

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Legend to Annex 2

## Water works, power plant and steel plants:

1. Administration of steel plant, brick building, 30x9x7½ meters with saddle roof
2. Foundations of two blast furnaces with two stout smokestacks north of the building. The construction was temporarily discontinued
3. Two air heaters
4. Small concrete building, solidly constructed, purpose unknown; unidentified work was done in this area
5. Several foundations with concrete pillars, about 67½x22½ meters
6. Bunkers and other storage for coke and admixtures located on a hill with railroad connections to the nearby blast furnaces, to facilitate the charging of the blast furnaces from overhead (statement of an engineer); size 60x22½ meters, 80 percent completed
7. Blast furnace department, 67½x30x27 meters, 50 percent completed, two sheet metal smokestacks with brick lining at the inside, 82 meters high and 3½ meters in diameter, were north of the building
8. Presumably foundry, 36x12½x22½ meters, 80 percent completed
9. Scrap installation, same size as No 8 above, only somewhat lower, 80 percent completed
10. Canal for heating gas, for details see Annex 1
11. Water works 36x13½x7½ meters with 2 water bunkers, 5½ meters deep, 18 meters in diameter, 80 percent completed
12. Double pipe line for water, for details see Annex 1
13. Two oil containers, each about 13½x13½x5½ meters
14. Pumping station for residual oils, 5½x3½x4½ meters
15. Oil pipe line
16. Drainage pipe for oil waste
17. Coal dump of power plant, 135x62 meters
18. Loading crane, on rails, about 120 meters long and 60 meters apart
19. Tunnel through which coal is loaded on underground conveyer belt
20. Rubber conveyer belt, 60 cm wide, 315 meters long. 2/3 are underground, 1/3 are above ground. The coal is 60 meters high, from where the coal is shipped via a sieve and a scale to the grinding department of the power plant.

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Legend to Annex 2, continued

- 21 Coal tower 3 $\frac{1}{2}$  meters high
- 22 Coal grinding shop of the power plant
- 23 boilerhouse, 36x27x36 meters, all equipments were planned, 50 percent completed, fueled with coal dust and oil. With two sheet metal smokestacks 45 meters high and 2.7 meters diameter.
- 24 Administration
- 25 Turbine house, about 45x22 $\frac{1}{2}$ x18 meters, one turbine has been in operation since the Spring of 1949
- 26 switching station
- 27 open-air transformer station (No 26 and 27 have together the same size as No 23 above)
- 28 storage shed, 36x10 $\frac{1}{2}$ x6 meters, 60 percent completed
- 29 Construction of a new building, 37 $\frac{1}{2}$ x21 meters, 30 percent completed, intended purpose unknown
- 30 steel structure, 27x27x9 meters with overhead rails of a travelling crane, 80 percent completed, intended purpose unknown.

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