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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

KONIEV IRON AND STEEL PLANT

KLADNO, CZECHOSLOVAKIA

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30 NOVEMBER 1956

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KONIEV IRON AND STEEL PLANT

KLADNO, CZECHOSLOVAKIA

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The European Soviet Satellites

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KONIEV IRON AND STEEL PLANT

KLADNO, CZECHOSLOVAKIA

The Koniev Iron and Steel Plant, located at Kladno 15 miles WNW of Prague, is reportedly the second largest steel plant in Czechoslovakia.

Since the previous aerial photographic cover in [REDACTED] this plant has been modernized and enlarged. The original three blast furnaces have been replaced by three new, modern blast furnaces. Coke ovens also have been rebuilt and modernized. New facilities include a gas by-products plant, two large steel processing buildings, a thermal power plant, three multi-story production buildings, and two large raw material storage yards. New rail facilities have been added.

The major components of this plant are described below and identified by corresponding numbers on the accompanying annotated photograph of [REDACTED]

1. Kladno Cable and Wire Plant "Kablo".
2. Cooling towers (2), 70' diameter at top, new since [REDACTED] serve power plant.
3. Thermal power plant, main building 230'x 185', new since [REDACTED] has 5 short stacks.
4. Open storage (scrap metal) for steel mill. Served by overhead traveling cranes.
5. Steel processing building, 975'x 300', new since [REDACTED]. A complex structure consisting of three sections: the center section, 450'x 225', approx. 40' high, has pitch roof with 5 transverse monitors; the northern section, 200'x 300', and the southern section, 325'x 300', each are approximately 30' high, with flat roofs. This major building probably houses forges, presses, and heavy machinery.

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6. Reported wire plant, 550'x 200', under construction in [REDACTED] Approx. 25X10
35' high, has low pitched roof with 8 transverse monitors.
7. Housing.
8. Steel production mill, 370'x 230'. This building, known as MARTINKA #1,
reportedly contains 4 open hearth and 2 electric furnaces, but only 3
tall stacks are present.
9. Rolling mill, 875'x 150', enlarged since [REDACTED] known as MARTINKA #2. 25X10
East side is 90' wide, has pitched roof with 5 transverse monitors, and
estimated to be 40' high. West side 60' wide, has shed roof and is
approx. 20' high.
10. Shop building, irregular shape, 600' long x 165'. Mostly flat roof
with vents. Steam plant at south end.
11. Reported gas distribution building.
12. Shop building, 640'x 200'. Pitched roof with longitudinal monitors.
13. Dump area, tailings from nearby coal mine associated with the plant.
14. Railroad spur serving plant. New since [REDACTED] 25X10
15. Water treatment ponds.
16. Rolling mill, 800'x 190'. Multi-pitched roof with transverse and long-
itudinal ventilators.
17. Steel production and rolling mill, 640'x 350'. Complex multi-pitched
roof with monitors and ventilators. This building, known as Steel
Mill #1, reportedly contains 6 open hearth furnaces and 3 electric
furnaces, but only 5 tall stacks are visible. A mill building 300'x 250'
adjoins on east side.
18. Production or shop buildings (4). Sizes as follows: 510'x 90', 350'x 160',
185'x 160', and 520'x 160'. All buildings have pitched roofs either with
monitors or ventilators.
19. Production building, 350'x 110', complex gabled roof with monitors and
ventilators. 25X10
20. Steam plant, coal used for fuel.
21. Shop building, 500'x 350', multi-pitched roof. Partly new since [REDACTED]
22. Assembly or production building, 510'x 350'. Series of 4 arched roofs with
ventilators.
23. Shop building, 370'x 280', sawtooth roof. New since [REDACTED] 25X10
24. Shop building, 510'x 230', sawtooth roof.

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- 25X1D
25. Buildings (3), multi-story production buildings. Two 170'x 65' and one 170'x 45'. New since [REDACTED]
 26. Blooming mill, 380'x 330'. Soaking pits adjacent on west side. Multi-gabled roof with longitudinal monitors.
 27. Rolling mill, 600'x 330', multi-gabled roof with longitudinal monitors.
 28. Open hearth furnace building, 400'x 80', multi-gabled roof with longitudinal monitors. 5 tall stacks indicative of 5 furnaces.
 29. Production building, 250'x 200'. 5 large vents or chimneys, possible steel furnaces, but not typical Bessemer converters.
 30. Thermal power plant, 3 tall stacks, gas fired. 25X1D
 31. Blast furnaces (3), new since [REDACTED]. The original 3 blast furnaces in this area were dismantled and rebuilt. Loading or charging equipment, location and arrangement of hot stoves and size and location of associated functions (blast houses, etc.) are different from original layout.
 32. Gasometer, fixed or dry type. 125' diameter, 165' high.
 33. Gasometer, fixed or dry type. 90' diameter, 150' high. 25X1D
 34. Coke ovens, rebuilt and modernized since [REDACTED]. One row, probably 2 batteries, is 310' long. Another row, a continuation of the first on the other side of the charging tower, is 65' long. Original ovens were "beehive" type, but they have been rebuilt and are possibly modern by-products type. Measurements would indicate a total of approximately 106 ovens.
 35. Coke-gas by-products plant with typical vertical coolers, scrubbers, tanks and associated buildings.
 36. Open storage for limestone, approx. 172,500 sq. ft.. Appears to be half full at time of photography. Building for unloading and processing located on north side.
 - 25X1D 37. Open storage for basic raw materials. Area 600'x 50', served by overhead crane. New since [REDACTED]
 38. Steel processing buildings (2). Original building, 280'x 220', twin gabled roof with transverse ventilators. New building, 675'x 140', and similar in design.
 39. Foundry, 200'x 175', with 3 tall stacks. Open storage on both sides with overhead traveling cranes.
 40. Ore processing plant, main building 175'x 100', gabled roof with longitudinal monitor.

41. Open storage for ore, area 450'x 140', served by overhead cranes and conveyors.
42. Lime kilns.
43. Open storage area approx. 200'x 175', served by overhead cranes.
44. Thermal power plant, 1 tall stack.
45. Shops, 3 single story buildings, totaling 39,000 sq. ft..
46. Gas by-products plant. A new, modern facility consisting of the following: a large fixed-type gasholder, 175' in diameter, 275' high; one main building, 190'x 70', 45' high, with adjoining three-story building, 95'x 90'; one two-story building, 40'x 40', connected to main building by covered conveyor; one building, 115'x 40', from which a conveyor runs to the top of an adjacent structure consisting of 5 circular storage bins. A large dustcatcher or separator is located between these two buildings.
47. Open storage for ore and/or coal. Consists of 2 parallel bins, each 900' long and 85' wide, both served by overhead traveling cranes. At time of photography they were practically empty. This facility new since [REDACTED]
48. New highway built to by-pass the plant area.
49. New railroad under construction.

25X10

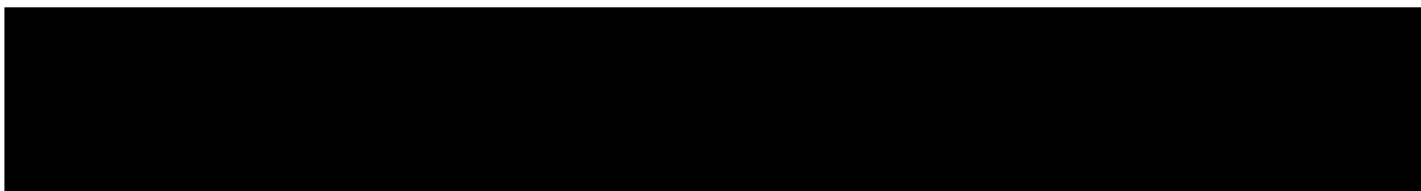
25X9

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REQUIREMENT: Prepared in answer to RR/HTA/R43/56 requesting number of coke batteries, blast furnaces, Bessemer converters, and rolling mill buildings. Indicate signs of new construction and size of ore yard and coal piles.

25X10



REFERENCES:

Target Mosaics: 0231-9981-16-25MA.
Map: World Aeronautical Chart 231
U.S. Target Complex Chart-Series 100. 0231-9981-100.

25X1A

COORDINATES:

50°09'N, 14°07'E

B.E. NUMBER:



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