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~~CONFIDENTIAL~~

CIA HISTORICAL REVIEW PROGRAM
RELEASE AS SANITIZED

1998

30 August 1972

MEMORANDUM FOR: Chief,

SUBJECT : Basic Oxygen Furnaces in Communist Countries

Attached is an updated list of basic oxygen furnaces in Communist countries as requested

DLR

Attachment:
As stated above.

(30 Aug 72)

CLA	BY	
I		GENERAL DECISION
SCH		SEC. EXEMPTION CATEGORY:
8		(if one or more)
		CLASSIFIED OR

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People's Republic of China: Basic Oxygen Steel Furnaces

<u>Company and Location</u>	<u>Number of Furnaces and Size</u>	<u>Start Up Date</u>	<u>Annual Capacity</u>
Canton Iron & Steel Plant, Canton, Kwangtung	2	1969/1970	
Capital Iron & Steel Plant, Shih-ching-shan	3 x 30	1965/1966	500,000
Hainan No. 1 Iron & Steel Plant, Hainan, Kwangtung	1	1970	
Kuei-lin Casting Plant, Kuei-lin, Kwangsi	1	1970	
K'un-ming Iron & Steel Plant, An-ning, Yunnan	1	1970	
Lien-yuan Iron & Steel Plant, Lien-yuan, Hunan	1	1969	
Liu-chou Municipal Foundry, Liu-chou, Kwangsi	1	1970	
Ma-an-shan Iron & Steel Plant, Ma-an-shan, Anhwei	2	1970	
Pao-t'ou Iron & Steel Plant, Pao-t'ou, Inner Mongolia	2	1970	
San-ming Iron & Steel Plant, San-ming, Fukien	1	1970	
Shanghai Iron & Steel Plant, No. 1, Shanghai	2 x 35 1 x 120	1966 1969	400,000 700,000
T'ai-yüan Iron & Steel Plant, T'ai-yüan, Shansi	2 x 55	1969	550,000
Wu-han Iron & Steel Plant, Wu-han, Hopeh	1	1970	
Yen-t'ai Iron & Steel Plant, Yen-t'ai, Shantung	1	[1968]	

Note: In September 1971, China reported that "about 40 small and medium-sized oxygen top-blown converters have been used" throughout the country. This includes some of the BOFs listed above. A "small" BOF probably has a capacity of less than 10 tons per heat.

USSR and Eastern Europe: Basic Oxygen Steel Furnaces

<u>Company and Location</u>	<u>Number of Furnaces and Size</u>	<u>Start-up Date</u>	<u>Annual Capacity (Short tons)</u>	
			<u>Existing</u>	<u>Future</u>
<u>Bulgaria</u>				
Kremikovtsi Iron and Steel Works, Kremikovtsi (near Sofia)	2 x 110	1966	1,300,000	
	1 x 110	1973		900,000
		Totals	<u>1,300,000</u>	<u>900,000</u>
<u>Czechoslovakia</u>				
East Slovakian Iron and Steel Works, Kosice	3 x 120	1966/67	2,400,000	
	2 x 160	1973		1,500,000
		Totals	<u>2,400,000</u>	<u>1,500,000</u>
<u>Poland</u>				
Lenin Steel Works Nowa Huta (near Krakow)	3 x 110	1966/71	2,200,000	
Katowice Iron and Steel Works Zabkowice (Upper Silesia)	3 x 385	1976/78		5,000,000
		Totals	<u>2,200,000</u>	<u>5,000,000</u>
<u>Romania</u>				
Combinatul Siderurgic Galati Galati	3 x 165	1968/69	2,750,000	
	2 x 165	1974)		2,750,000
	1 x 165	1975)		
		Totals	<u>2,750,000</u>	<u>2,750,000</u>
<u>USSR</u>				
Azovstal' Zavod Zhdanov (Ukraine)	3 x 385	1973/76		5,500,000
Chelyabinskiy Met. Zavod Chelyabinsk (Urals)	3 x 110	1969	2,200,000	
Karagandinskiy Met. Zavod Karaganda (Kazakhstan)	3 x 300	1970/72	6,200,000	
Met. Zavod imeni Petrovskogo Dnepropetrovsk (Ukraine)	3 x 55	1967/68	900,000	
Met. Zavod Krivorizhstal' Krivoi-Rog (Ukraine)	4 x 55	1958	1,800,000	
	6 x 110	1965/66/69/71	4,600,000	
Novolipetskiy Met. Zavod Lipetsk (Central Russia)	3 x 110	1966/67	2,200,000	
	3 x 275	1973/75		4,500,000
Nizhny-Tagilskiy Met. Zavod Nizhny-Tagil (Urals)	3 x 110	1963/67	2,200,000	
West Siberian Steel Works Antonovskaya (W. Siberia)	3 x 110	1969	2,200,000	
	3 x 330	1973/75		5,500,000
Yenakiyevskiy Met. Zavod Yenakiyevo (Ukraine)	3 x 145	1968/69	2,700,000	
Zhdanovskiy Met. Zavod Ilyich Zhdanov (Ukraine)	3 x 110	1964/65	2,200,000	
		Totals	<u>27,200,000</u>	<u>15,500,000</u>
<u>Yugoslavia</u>				
Rudnici i Zelezara Skopje Skopje	2 x 110	1967	660,000	
		Total	<u>660,000</u>	