

TABLE OF COMPARISON FOR SAFETY VALVES

Installation	Output per boiler	No. of safety valves on 1 boiler	Total area cm <sup>2</sup>	Area per ton of steam cm <sup>2</sup> /ton	Theoretical amount of steam discharged by the valves for adiabatic expansion	Degree of safety.
1) KAK	65 t/h	4	16.6	0.255	90.3 t/h	1.39
2) E.T.	65 t/h	4	16.6	0.255	90.3 t/h	1.39
3) WTI	130 t/h	8	33.2	0.255	180.6 t/h	1.39
4) C.R.	20 t/h	2	9.82	0.491	53.3 t/h	2.665

ad 1) 2 Boilers 60/75 t/h output for the electric central "Karolinenschacht of the Witkowitzer Steingruben in Mähr.Ostrawa", Built in 1931.

ad 2) 3 boilers 65/75 t/h output for the new electric central at Trubowice, Built in 1932.

ad 3) 2 boilers 130/160 t/h output for the Technical Institute of Heat at Moskow, Built in 1932.

ad 4) "CONTE ROSSO".-



© 2018

Lloyd's Register  
Foundation