

ASME KAZAN STANDARDI

Drum çalışma basıncı	[MPa] [bar]	0 - 2.07 0 - 20.7	2.08 - 3.10 20.8 - 31.0	3.11 - 4.14 31.1 - 41.4	4.15 - 5.17 41.5 - 51.7	5.18 - 6.21 51.8 - 62.1	6.22 - 6.89 62.2 - 68.9	6.90 - 10.34 69.0 - 103.4	10.35 - 13.79 103.5 - 137.9
Besi suyu									
Çözünmüş oksijen	[mg/l O ₂]	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Toplam demir	[mg/l Fe]	≤ 0.1	≤ 0.05	≤ 0.03	≤ 0.025	≤ 0.02	≤ 0.02	≤ 0.01	≤ 0.01
Toplam bakır	[mg/l Cu]	≤ 0.05	≤ 0.025	≤ 0.02	≤ 0.02	≤ 0.015	≤ 0.01	≤ 0.01	≤ 0.01
Toplam sertlik	[mg/l CaCO ₃]	≤ 0.3	≤ 0.3	≤ 0.2	≤ 0.2	≤ 0.1	≤ 0.05	NS	NS
pH 25 °C		8.3 - 10.0	8.3 - 10.0	8.3 - 10.0	8.3 - 10.0	8.3 - 10.0	8.8 - 9.6	8.8 - 9.6	8.8 - 9.6
Kazan öncesi koruma için kimyasal uçucu olmayan TOC	[mg/l C]	NS	NS	NS	NS	NS	VAM	VAM	VAM
yağlı madde	[mg/l]	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2
Kazan suyu									
Silis	[mg/l SiO ₂]	≤ 150	≤ 90	≤ 40	≤ 30	≤ 20	≤ 8	≤ 2	≤ 1
Toplam alkalinite	[mg/l CaCO ₃]	< 350	< 300	< 250	< 200	< 150	< 100	NS	NS
serbest OH alkalinitesi	[mg/l CaCO ₃]	NS	NS	NS	NS	NS	NS	ND	ND
	[mol/m ³]	NS	NS	NS	NS	NS	NS	ND	ND
İletkenlik 25 °C	[µS/cm]	5400 - 1100	4600 - 900	3800 - 800	1500 - 300	1200 - 200	1000 - 200	≤ 150	≤ 80
Buhar da toplam çözülmüş katılar									
TDS	[mg/l]	1.0 - 0.2	1.0 - 0.2	1.0 - 0.2	0.5 - 0.1	0.5 - 0.1	0.5 - 0.1	0.1	0.1

NS = not specified

ND = not detectable

VAM = Use only volatile alkaline materials upstream of attemperation water source