

**Hardness-Dependent Effluent Limits for Nickel
Criterion Maximum Nickel Concentration**

Hardness (mg/L as CaCO ₃)	Nickel Concentration Limitation ¹ (u g / L)
< 25	use formula
25	16
30	19
35	21
40	24
45	27
50	29
55	31
60	34
65	36
70	39
75	41
80	43
85	45
90	48
95	50
100	52
110	57
120	61
130	65
140	69
150	74
160	78
170	82
>180	use formula

$$CMC = (EXP(0.846 * LN(hardness) + 0.0584))$$

Where: CMC = criteria maximum concentration

¹Concentrations are expressed as total recoverable nickel.