Table 3 — Chemical composition (cast analysis) of austenitic-ferritic corrosion resistant steels

Steel designation		% by mass [a]										
Name	Number	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu	Others
Standard grades												
X2CrNiN22-2 *	1.4062 *	0,030	1,00	2,00	0,040	0,010	21,5 to 24,0	1,00 to 2,90	0,45	0,16 to 0,28	-	-
X2CrNiN23-4	1.4362	0,030	1,00	2,00	0,035	0,015	22,0 to 24,5	3,5 to 5,5	0,10 to 0,60	0,05 to 0,20	0,10 to 0,60	-
X2CrMnNiN21-5-1	1.4162	0,04	1,00	4,0 to 6,0	0,040	0,015	21,0 to 22,0	1,35 to 1,90	0,10 to 0,80	0,20 to 0,25	0,10 to 0,80	-
X2CrMnNiMoN21-5-3	1.4482	0,030	1,00	4,0 to 6,0	0,035	0,030	19,5 to 21,5	1,50 to 3,5	0,10 to 0,60	0,05 to 0,20	1,00	-
X2CrNiMoN22-5-3 [c]	1.4462 [c]	0,030	1,00	2,00	0,035	0,015	21,0 to 23,0	4,5 to 6,5	2,50 to 3,5	0,10 to 0,22	-	-
X3CrNiMoN27-5-2	1.4460	0,05	1,00	2,00	0,035	0,030 [b]	25,0 to 28,0	4,5 to 6,5	1,30 to 2,00	0,05 to 0,20	-	-
Special grades												
X2CrCuNiN23-2-2 *	1.4669 *	0,045	1,00	1,00 to 3,00	0,040	0,030	21,5 to 24,0	1,00 to 3,00	0,50	0,12 to 0,20	1,60 to 3,00	-
X2CrMnNiSiN20-5-4-2 *	1.4670 *	0,030	1,50 to 3,00	4,0 to 6,0	0,040	0,010	18,0 to 21,0	3,00 to 5,5	0,60	0,10 to 0,20	1,00	-
X2CrNiMoSi18-5-3	1.4424	0,030	1,40 to 2,00	1,20 to 2,00	0,035	0,015	18,0 to 19,0	4,5 to 5,2	2,50 to 3,00	0,05 to 0,10	-	-
X2CrNiMnMoCuN24-4-3-2 *	1.4662 *	0,030	0,70	2,50 to 4,0	0,035	0,005	23,0 to 25,0	3,0 to 4,5	1,00 to 2,00	0,20 to 0,30	0,10 to 0,80	-
X2CrNiMoCuN25-6-3	1.4507	0,030	0,70	2,00	0,035	0,015	24,0 to 26,0	6,0 to 8,0	3,00 to 4,0	0,20 to 0,30	1,00 to 2,50	-
X2CrNiMoN25-7-4	1.4410	0,030	1,00	2,00	0,035	0,015	24,0 to 26,0	6,0 to 8,0	3,00 to 4,5	0,24 to 0,35	-	-
X2CrNiMoCuWN25-7-4	1.4501	0,030	1,00	1,00	0,035	0,015	24,0 to 26,0	6,0 to 8,0	3,0 to 4,0	0,20 to 0,30	0,50 to 1,00	W: 0,50 to 1,00
X2CrNiMoN29-7-2	1.4477	0,030	0,50	0,80 to 1,50	0,030	0,015	28,0 to 30,0	5,8 to 7,5	1,50 to 2,60	0,30 to 0,40	0,80	