



Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava
Slovenská republika

CERTIFICATE no. 1499/5/2020

Technická inšpekcia, a. s.,
based on the results from specific assessment for materials

confirms, that

*Ador Welding Ltd.,
Ador House, 6, K. Dubash Marg, Fort, Mumbai, 400001-16 Maharashtra, India
(Registered and Corporate office)*

*Bilaspur Road, Industrial Estate, Bhanpuri, Raipur, 493221, Chhattisgarh, India
(workshop)*

*Survey No. 59/11/1, Khanvel Road, Masat, Silvassa-396230, UT of Dadra & Nagar
Haveli, India
(workshop)*

has implemented and applies quality assurance system for materials

according to point 4.3 of Annex I to the Directive no. 2014/68/EU on pressure equipment

Scope of materials:

Welding consumables – covered electrodes, wire electrodes, wires, rods, fluxes, strips and tubular
cored electrodes
(refer to the Annex to the Certificate)

Audit report no. 1499/5/2020

Manufacturer shall inform Technická inšpekcia, a. s. of any intended change of system of quality
assurance.

*The Certificate validity is conditioned with performing of surveillance by Technická inšpekcia, a.s. for
minimum 1 periodic audit per 12 months. Audit Report proves performing of periodic audit.*

Certificate is valid until November 15, 2023

Date of initial certification: November 16, 2020

Bratislava, November 16, 2020



Ing. Dušan Perniš
General Director

479167

CST4-190

Annex to the Certificate no. 1499/5/2020

1. Covered electrodes for manual metal arc welding of non-alloy and fine grain steels according to the EN ISO 2560: 2009

No.	Brand name	EN ISO classification
1	Maxbond	Covered electrode ISO 2560-A – E 38 Z R 1 1
2	Superbond	Covered electrode ISO 2560-A – E 38 0 R 1 1
3	Superbond S	Covered electrode ISO 2560-A – E 38 0 R 1 2
4	Superbond SS	Covered electrode ISO 2560-A – E 38 0 RR 1 3
5	Kingbond	Covered electrode ISO 2560-A – E 38 0 R 1 1
6	Metalbond	Covered electrode ISO 2560-A – E 38 0 R 1 2
7	Magnabond	Covered electrode ISO 2560-A – E 38 0 R 1 1
8	Supabase 60	Covered electrode ISO 2560-A - E 38 3 B32 H5
9	Opto Bond	Covered electrode ISO 2560-A – E 35 0 R 1 1
10	Supabase	Covered electrode ISO 2560-A - E 42 3 B32 H5
11	Supabase X Plus	Covered electrode ISO 2560-A - E 42 3 B 32 H5
12	X Bond	Covered electrode ISO 2560-A - E 42 2 B 32
13	Tenalloy Z Plus	Covered electrode ISO 2560-A - E 42 4 B 32 H5
14	Tenalloy S Plus	Covered electrode ISO 2560-A - E 42 5 B 32 H5
15	Tenalloy HH Spl	Covered electrode ISO 2560-A - E 42 5 B 32 H5
16	Tenalloy R	Covered electrode ISO 2560-A - E 42 5 B 32 H5
17	Tenalloy 38R Spl	Covered electrode ISO 2560-A - E 42 5 B 32 H5
18	Tenalloy 16	Covered electrode ISO 2560-A - E 42 3 B 12 H5
19	Tenalloy 16W	Covered electrode ISO 2560-A - E 42 3 B 12 H5
20	Tenalloy 16G	Covered electrode ISO 2560-A - E 42 3 1Ni B 12 H5
21	Tenalloy 16 Spl	Covered electrode ISO 2560-A - E 42 5 B 12 H5
22	Supabase X Plus (S)	Covered electrode ISO 2560-A - E 42 3 B 32 H5
23	Tenalloy Z Plus (S)	Covered electrode ISO 2560-A - E 42 5 B 32 H5
24	Topstar	Covered electrode ISO 2560-A - E 38 0 A 13
25	Topstar 110	Covered electrode ISO 2560-A - E 42 A RR 31
26	Topstar 140	Covered electrode ISO 2560-A - E 42 0 RR 53
27	Topstar 140 Spl	Covered electrode ISO 2560-A - E 42 2 RR 53
28	Supabase 180	Covered electrode ISO 2560-A - E 42 2 B 73 H5
29	Celwel 60	Covered electrode ISO 2560-A - E 38 3 C 21
30	Celwel 60S	Covered electrode ISO 2560-A - E 38 3 C 11
31	Celwel 70G	Covered electrode EN ISO 2560-A - E 42 2 Mo C 21
32	Celwel 70P	Covered electrode EN ISO 2560-A - E 42 2 C 21
33	Celwel 80G	Covered electrode EN ISO 2560-A - E 46 3 1Ni C 21
34	Celwel 80P	Covered electrode EN ISO 2560-A - E 46 3 1Ni C 21
35	Tenalloy 70A	Covered electrode EN ISO 2560-A - E 46 6 2Ni B 32 H5
36	Tenalloy 70B	Covered electrode EN ISO 2560-A - E 46 6 3Ni B 32 H5
37	Tenalloy 70BL	Covered electrode EN ISO 2560-A - E 38 9 3Ni B 32 H5

No.	Brand name	EN ISO classification
38	Tenalloy 70C	Covered electrode EN ISO 2560-A - E 46 4 1Ni B 32 H5
39	Tenalloy 70CL	Covered electrode EN ISO 2560-A - E 38 5 1Ni B 32 H5
40	Tenalloy 55	Covered electrode EN ISO 2560-A - E 46 5 1Ni B 12 H5
41	Tenalloy 60	Covered electrode EN ISO 2560-A - E 46 4 Z B 12 H5
42	Tenalloy 16E Spl	Covered electrode EN ISO 2560-A - E 46 5 Mn1Ni B 12 H5
43	Tenalloy 60D3	Covered electrode EN ISO 2560-A - E 46 4 1NiMo B 32 H5
44	Tenalloy 80P2	Covered electrode EN ISO 2560-A - E 46 5 1Ni B 45
45	Tenalloy 70D1	Covered electrode EN ISO 2560-A - E 50 3 Z B 32 H5
46	Tenalloy 90D3	Covered electrode EN ISO 2560-A - E 50 3 Z B 32 H5

2. Covered electrodes for manual metal arc welding of creep-resisting steels according to the EN ISO 3580: 2017

No.	Brand name	EN ISO classification
1	Molyten	Covered electrode EN ISO 3580-A - E Mo B 32 H5
2	Cromoten 1	Covered electrode EN ISO 3580-A - E CrMo0.5 B 32 H5
3	Cromoten 15	Covered electrode EN ISO 3580-A - E CrMo1 B 32 H5
4	Cromoten 16	Covered electrode EN ISO 3580-A - E CrMo1 B 32 H5
5	Cromoten	Covered electrode EN ISO 3580-A - E CrMo1 B 32 H5
6	Cromoten STC	Covered electrode EN ISO 3580-A - E CrMo1 B 32 H5
7	Cromoten S Plus	Covered electrode EN ISO 3580-A - E CrMo1L B 32 H5
8	Cromoten C-15	Covered electrode EN ISO 3580-A - E CrMo2 B 32 H5
9	Cromoten C-16	Covered electrode EN ISO 3580-A - E CrMo2 B 32 H5
10	Cromoten C	Covered electrode EN ISO 3580-A - E CrMo2 B 32 H5
11	Cromoten 2 STC	Covered electrode EN ISO 3580-A - E CrMo2 B 32 H5
12	Cromoten C S Plus	Covered electrode EN ISO 3580-A - E CrMo2L B 12 H5
13	Cromoten D	Covered electrode EN ISO 3580-A - E CrMo5 B 32 H5
14	Cromoten D S Plus	Covered electrode EN ISO 3580-A - E CrMo5L B 32 H5
15	Cromoten 90D	Covered electrode EN ISO 3580-A - E Cr5Mo0.5 B 32 H5
16	Cromoten 9	Covered electrode EN ISO 3580-A - E CrMo9 B 32 H5
17	Cromoten 9L	Covered electrode EN ISO 3580-A - E CrMo9L B 32 H5
18	Cromoten 9M	Covered electrode EN ISO 3580-A - E CrMo91 B 32 H5
19	Cromoten 9M-15	Covered electrode EN ISO 3580-A - E CrMo91 B 42 H5
20	Cromoten 9M Spl	Covered electrode EN ISO 3580-A - E CrMo91 B 32 H5
21	Cromoten V	Covered electrode EN ISO 3580-A - E Z R 12
22	Cromoten Ti	Covered electrode EN ISO 3580-A - E CrMo1 R 12
23	Cromoten C Ti	Covered electrode EN ISO 3580-A - E CrMo2 R 12
24	Tenalloy 125	Covered electrode EN ISO 3580-A - E 1CrMoV B 22 H5

3. Covered electrodes for manual metal arc welding of high-strength steels according to the EN ISO 18275: 2018

No.	Brand name	EN ISO classification
1	Tenalloy 65	Covered electrode EN ISO 18275-A - E 55 5 Z B 32 H5
2	Tenalloy 65 Spl	Covered electrode EN ISO 18275-A - E 55 4 Z B T 32 H5
3	Tenalloy 70	Covered electrode EN ISO 18275-A - E 55 2 Z B 32 H5
4	Tenalloy 75D2	Covered electrode EN ISO 18275-A - E 55 4 Z B T 32 H5
5	Tenalloy 75	Covered electrode EN ISO 18275-A - E 55 4 Z B 32 H5
6	Tenalloy 75G	Covered electrode EN ISO 18275-A - E 55 4 Z B 32 H5
7	Tenalloy 80	Covered electrode EN ISO 18275-A - E 69 4 Z B 32 H5
8	Tenalloy 80HH Spl	Covered electrode EN ISO 18275-A - E 69 4 Z B 32 H5
9	Tenalloy 110	Covered electrode EN ISO 18275-A - E 69 4 Z B 32 H5
10	Tenalloy 120	Covered electrode EN ISO 18275-A - E 69 4 Z B 32 H5
11	Tenalloy 120G	Covered electrode EN ISO 18275-A - E 69 4 Z B 32 H5
12	Nimoten	Covered electrode EN ISO 18275-A - E 55 4 Z B 32 H5
13	Nimoten Plus	Covered electrode EN ISO 18275-A E 62 Z Z B T 32 H5

4. Covered electrodes for manual metal arc welding of stainless and heat-resisting steels according to the EN ISO 3581: 2018

No.	Brand name	EN ISO classification
1	Austomang 209	Covered electrode ISO 3581-B - ES209-16
2	Austomang 219	Covered electrode ISO 3581-B - ES219-16
3	Austomang 240	Covered electrode ISO 3581-B - ES240-16
4	Austomang 307	Covered electrode ISO 3581-B - ES307-16
5	Austomang 307-15	Covered electrode ISO 3581-B - ES307-15
6	Austomang 16/13	Covered electrode ISO 3581-A - E Z16 13 Nb B 42
7	Superinox 16 8 2	Covered electrode ISO 3581-A - E (16 8 2) R 12
8	Superinox 1A	Covered electrode ISO 3581-A - E 19 9 R 12
9	Superinox 1AH	Covered electrode ISO 3581-A - E 19 9H R 12
10	Betanox 308H Plus	Covered electrode ISO 3581-A - E 19 9 H R 13
11	Superinox 1A-15	Covered electrode ISO 3581-A - E 19 9 B 22
12	Betanox 308 Plus	Covered electrode ISO 3581-A - E 19 9 R 13
13	Superinox 1C	Covered electrode ISO 3581-A - E 19 9L R 12
14	Superinox 1C-15	Covered electrode ISO 3581-A - E 19 9 L B 22
15	Superinox 1C-15 LT	Covered electrode ISO 3581-A - E 19 9L B 22
16	Betanox 308L Plus	Covered electrode ISO 3581-A - E 19 9L R 13
17	Superinox 2A	Covered electrode ISO 3581-A - E 19 12 2 R 12
18	Superinox 2A-15	Covered electrode ISO 3581-A - E 19 12 2 B 22
19	Superinox 2AH	Covered electrode ISO 3581-A - E (19 12 2)H R 12
20	Betanox 316 Plus	Covered electrode ISO 3581-A - E 19 12 2 R 13
21	Superinox 2C	Covered electrode ISO 3581-A - E (19 12 3L) R 12

No.	Brand name	EN ISO classification
22	Superinox 2C Mo	Covered electrode ISO 3581-A - E 19 12 3L R 12
23	Betinox ZF	Covered electrode ISO 3581-A - E (19 12 3L) R 12
24	Betinox K	Covered electrode ISO 3581-A - E (19 12 3L) B 22
25	Betinox 316L Plus	Covered electrode ISO 3581-A - E (19 12 3L) R 13
26	Superinox 2D	Covered electrode ISO 3581-B - ES 317L-16
27	Superinox 2B	Covered electrode ISO 3581-A - E (19 12 3 Nb) R 12
28	Betinox 318 Plus	Covered electrode ISO 3581-A - E (19 12 3 Nb) R 13
29	Superinox 1B	Covered electrode ISO 3581-A - E 19 9 Nb R 12
30	Superinox 1B-15	Covered electrode ISO 3581-A - E 19 9 Nb B 22
31	Betinox 347 Plus	Covered electrode ISO 3581-A - E 19 9 Nb R 13
32	Betinox D	Covered electrode ISO 3581-A - E (22 12) R 12
33	Betinox 309 Plus	Covered electrode ISO 3581-A - E (22 12) R 13
34	Betinox DL	Covered electrode ISO 3581-A - E 23 12L R 12
35	Betinox DCb	Covered electrode ISO 3581-A - E 23 12 Nb R 12
36	Betinox 309Cb Plus	Covered electrode ISO 3581-A - E 23 12 Nb R 13
37	Betinox DMo	Covered electrode ISO 3581-B - ES 309Mo-16
38	Betinox 309Mo Plus	Covered electrode ISO 3581-B - ES 309Mo-17
39	Betinox DMoL	Covered electrode ISO 3581-A - E (23 12 2L) R 12
40	Superinox 312	Covered electrode ISO 3581-A - E 29 9 R 12
41	Betinox 312 Plus	Covered electrode ISO 3581-A - E 29 9 R 13
42	Betinox C	Covered electrode ISO 3581-A - E 25 20 R 12
43	Betinox 310 Plus	Covered electrode ISO 3581-A - E 25 20 R 13
44	Betinox 20/30	Covered electrode ISO 3581-B - ES 320-15
45	Betinox 20/25/5/Cu	Covered electrode ISO 3581-A - E 20 25 5Cu N L R 12
46	Betachrome ND	Covered electrode ISO 3581-A - E 18 8 Mn B 22
47	Betachrome ND Spl	Covered electrode ISO 3581-A - E 18 8 Mn B 12
48	Betachrome 13Cr	Covered electrode ISO 3581-A - E 13 B 22
49	Betachrome 13/4	Covered electrode ISO 3581-A - E 13 4 B 22
50	Betachrome 13/4 LB	Covered electrode ISO 3581-A - E 13 4 B 22
51	Betachrome 13/4 LB-R	Covered electrode ISO 3581-A - E 13 4 R 12
52	Betachrome 17Cr	Covered electrode ISO 3581-A - E 17 B 22
53	Betachrome 17/4	Covered electrode ISO 3581-A - E 17 4 R 12
54	Superinox 409Nb	Covered electrode ISO 3581-B - ES 409Nb - 26
55	Betinox 4462	Covered electrode ISO 3581-A - E 22 9 3 N L R 22
56	Betinox 4462 NS	Covered electrode ISO 3581-A - E 22 9 3 N L R 22
57	Betinox 2553	Covered electrode ISO 3581-B - ES 2553-16
58	Betinox 2594	Covered electrode ISO 3581-A - E 25 9 4 N L B 22
59	Betinox 2594-16	Covered electrode ISO 3581-A - E 25 9 4 N L R 12
60	Betinox 2595-16	Covered electrode ISO 3581-A - E 25 9 4 N L R 12
61	Betinox 2595-15	Covered electrode ISO 3581-A - E 25 9 4 N L B 22
62	Superinox 630	Covered electrode ISO 3581-A - ES 630-16

5. Covered electrodes, wires, rods and tubular cored electrodes for fusion welding of cast iron according to the EN ISO 1071: 2015

No.	Brand name	EN ISO classification
1	Casten	Covered electrode ISO 1071 - E C St 1
2	Castmonel	Covered electrode ISO 1071 - E C NiCu-B 1
3	Casnickel	Covered electrode ISO 1071 - E C Ni-CI 1
4	Ferricast	Covered electrode ISO 1071 - E C NiFe-1 1

6. Covered electrodes for manual metal arc welding of nickel and nickel alloys according to the EN ISO 14172: 2015

No.	Brand name	EN ISO classification
1	Supermonel	Covered electrode ISO 14172 - E Ni 4060 (NiCu30Mn3Ti)
2	Nicalloy 1	Covered electrode ISO 14172 - E Ni 2061 (NiTi3)
3	Nicalloy Fe-2	Covered electrode ISO 14172 - E Ni 6133 (NiCr16Fe12NbMo)
4	Nicalloy Fe-3	Covered electrode ISO 14172 - E Ni 6182 (NiCr15Fe6Mn)
5	Nicalloy Mo-3	Covered electrode ISO 14172 - E Ni 6625 (NiCr22Mo9Nb)
6	Nicalloy Mo-4	Covered electrode ISO 14172 - E Ni 6276 (NiCr15Mo15Fe6W4)
7	Nicalloy Mo-5	Covered electrode ISO 14172 - E Ni 6275 (NiCr15Mo16Fe5W3)
8	Nicalloy Mo-6	Covered electrode ISO 14172 - E Ni 6620 (NiCr14Mo7Fe)
9	Nicalloy Mo-10	Covered electrode ISO 14172 - E Ni 6022 (NiCr21Mo13W3)
10	Nicalloy Mo-12	Covered electrode ISO 14172 - E Ni 6627 (NiCr21MoFeNb)
11	Nicalloy Mo-13	Covered electrode ISO 14172 - E Ni 6059 (NiCr23Mo16)
12	Nicalloy Mo-14	Covered electrode ISO 14172 - E Ni 6686 (NiCr21Mo16W4)
13	Nicalloy Fe-7	Covered electrode ISO 14172 - E Ni 6152 (NiCr30Fe9Nb)
14	Nicalloy NiMo-7	Covered electrode ISO 14172 - E Ni 1066 (NiMo28)
15	Nicalloy 617	Covered electrode ISO 14172 - E Ni 6117 (NiCr22Co12Mo)
16	Nicalloy Cr-4	Covered electrode ISO 14172 - E Ni 6172 (NiCr50Nb)
17	Nicalloy 3545Nb	Covered electrode ISO 14172 - E Ni Z (NiCr35Fe15Nb0.8)

7. Covered electrodes for manual metal arc welding of copper and copper alloys according to the EN ISO 17777: 2016

No.	Brand name	EN ISO classification
1	Bronze	Covered electrode ISO 17777 - E Cu 5180 (CuSn5P)
2	Bronze Al-A2	Covered electrode ISO 17777 - E Cu 6100 (CuAl8Fe3)
3	Bronze NiAl	Covered electrode ISO 17777 - E Cu 6328 (CuAl9Ni5Fe4Mn2)
4	Super CuNi	Covered electrode ISO 17777 - E Cu 7158 (CuNi30Mn2FeTi)

8. Wire electrodes for gas shielded metal arc welding of non-alloy and fine grain steels according to the EN ISO 14341: 2020

No.	Brand name	EN ISO classification
1	AUTOMIG 70S-6	Solid wire ISO 14341-A - G 42 3 C1 3Si1
		Solid wire ISO 14341-A - G 46 4 M21 3Si1
		Solid wire ISO 14341-A - G 46 4 M24 3Si1
2	AUTOMIG 70S-G	Solid wire ISO 14341-A - G 46 4 C1 4Si1
		Solid wire ISO 14341-A - G 50 5 M21 4Si1
3	Automig 70S-6 N	Solid wire ISO 14341-A - G 46 4 M21 3Si1
		Solid wire ISO 14341-A - G 46 4 M24 3Si1
4	Automig G4Si1 N	Solid wire ISO 14341-A - G 42 3 C1 G4Si1
		Solid wire ISO 14341-A - G 46 4 M21 G4Si1
5	Automig 70S -3	Solid wire ISO 14341-A - G 42 3 C1 2Si
		Solid wire ISO 14341-A - G 42 4 M21 2Si
6	Automig 80S-Ni1	Solid wire ISO 14341-B - G 55A 5U M13 N2
7	Automig 80S-Ni2	Solid wire ISO 14341-B - G 55P 6U M13 N5
8	Automig 80S-Ni3	Solid wire ISO 14341-B - G 55P 8U M13 N71

9. Rods and wires for tungsten inert gas welding of non-alloy and fine-grain steels according to the EN ISO 636: 2017

No.	Brand name	EN ISO classification
1	Tigfil 70S-2	Solid wire ISO 636-A - W 42 3 2Ti
2	Tigfil 70S-2 Spl	Solid wire ISO 636-A - W 42 5 2Ti
3	Tigfil 70S-3	Solid wire ISO 636-A - W 42 5 2Si
4	Tigfil 70S-6	Solid wire ISO 636-A - W 46 5 3Si1
5	Tigfil 70S-G	Solid wire ISO 636-A - W 50 5 4Si1
6	Tigfil 80S-Ni1	Solid wire ISO 636-B - W 55A 5U N2
7	Tigfil 80S-Ni2	Solid wire ISO 636-B - W 55P 6U N5
8	Tigfil 80S-Ni3	Solid wire ISO 636-B - W 55P 8U N71

10. Wire electrodes, wires and rods for gas shielded arc welding of creep-resisting steels according to the EN ISO 21952: 2012

No.	Brand name	EN ISO classification
1	Automig 70S-A1	Solid wire ISO 21952-B - G 52 M13 1M3
2	Automig 70S-B2L	Solid wire ISO 21952-B - G 52 M13 1CML
3	Automig 80S-B2	Solid wire ISO 21952-B - G 55 M13 1CM
4	Automig 80S-B3L	Solid wire ISO 21952-B - G 55 M13 2C1ML
5	Automig 90S-B3	Solid wire ISO 21952-B - G 62 M13 2C1M
6	Automig 80S-B6	Solid wire ISO 21952-B - G 55 M13 5CM
7	Automig 80S-B8	Solid wire ISO 21952-B - G 55 M13 9C1M

No.	Brand name	EN ISO classification
8	Automig 90S-B9	Solid wire ISO 21952-B - G 62 M13 9C1MV
9	Tigfil70S-A1	Solid wire ISO 21952-B - W 52 I1 1M3
10	Tigfil 70S-B2L	Solid wire ISO 21952-B - W 52 I1 1CML
11	Tigfil 80S-B2	Solid wire ISO 21952-B - W 55 I1 1CM
12	Tigfil 80S-B2 Spl	Solid wire ISO 21952-B - W 55 I1 1CM
13	Tigfil 80S-B3L	Solid wire ISO 21952-B - W 55 I1 2C1ML
14	Tigfil 90S-B3	Solid wire ISO 21952-B - W 62 I1 2C1M
15	Tigfil 90S-B3 Spl	Solid wire ISO 21952-B - W 62 I1 2C1M
16	Tigfil 80S-B6	Solid wire ISO 21952-B - W 55 I1 5CM
17	Tigfil 80S-B8	Solid wire ISO 21952-B - W 55 I1 9C1M
18	Tigfil 90S-B9	Solid wire ISO 21952-B - W 62 I1 9C1MV

11. Wire electrodes, wires and rods for gas shielded arc welding of high strength steels according to the EN ISO 16834: 2012

No.	Brand name	EN ISO classification
1	Automig 80S-D2	Solid wire ISO 16834-B - G 4M31
2	Automig-80S-G	Solid wire ISO 16834-B - G 4M31
3	Automig 90S-D2	Solid wire ISO 16834-B - G 4M31
4	Automig 90S-G	Solid wire ISO 16834-B - G 4M31
5	Automig 100S-G	Solid wire ISO 16834-A - G 62 4 C1 Mn3Ni1CrMo
6	Automig 110S-G	Solid wire ISO 16834-A - G 69 4 M21 Mn3Ni1CrMo
7	Automig 120S-G	Solid wire ISO 16834-A - G 89 4 M21 Mn4Ni2CrMo
8	Tigfil 80S-D2	Solid wire ISO 16834-B - W 4M31
9	Tigfil-80S-G	Solid wire ISO 16834-B - W 4M31
10	Tigfil 90S-D2	Solid wire ISO 16834-B - W 4M31
11	Tigfil 90S-G	Solid wire ISO 16834-B - W 4M31
12	Tigfil 100S-G	Solid wire ISO 16834-A - W 62 4 I1 Mn3Ni1CrMo
13	Tigfil 110S-G	Solid wire ISO 16834-A - W 69 4 I1 Mn3Ni1CrMo
14	Tigfil 120S-G	Solid wire ISO 16834-A - W 89 6 I1 Mn4Ni2CrMo

12. Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels according to the EN ISO 14343: 2017

No.	Brand name	EN ISO classification
1	Miginox 307	Solid wire ISO 14343-A - G 18 8 Mn
2	Miginox 308L	Solid wire ISO 14343-A - G 19 9 L
3	Miginox 308H	Solid wire ISO 14343-A - G (19 9 H)
4	Miginox 308LSi	Solid wire ISO 14343-A - G 19 9 L Si
5	Miginox 309L	Solid wire ISO 14343-A - G 23 12 L
6	Miginox 309LSi	Solid wire ISO 14343-A - G 23 12 L Si
7	Miginox 309Mo	Solid wire ISO 14343-B - G 309Mo

No.	Brand name	EN ISO classification
8	Miginox 309LMo	Solid wire ISO 14343-A - G 23 12 2 L
9	Miginox 310	Solid wire ISO 14343-A - G 25 20
10	Miginox 312	Solid wire ISO 14343-A - G 29 9
11	Miginox 316L	Solid wire ISO 14343-A - G (19 12 3 L)
12	Miginox 316H	Solid wire ISO 14343-A - G 19 12 3 H
13	Miginox 316LMo	Solid wire ISO 14343-A - G 19 12 3 L
14	Miginox 316LSi	Solid wire ISO 14343-A - G (19 12 3 L Si)
15	Miginox 317L	Solid wire ISO 14343-A - G (18 15 3 L)
16	Miginox 318	Solid wire ISO 14343-A - G (19 12 3 Nb)
17	Miginox 320	Solid wire ISO 14343-B - G 320
18	Miginox 347	Solid wire ISO 14343-A - G 19 9 Nb
19	Miginox 347Si	Solid wire ISO 14343-A - G 19 9 Nb Si
20	Miginox 410	Solid wire ISO 14343-A - G 13
21	Miginox 410NiMo	Solid wire ISO 14343-A - G 13 4
22	Miginox 430	Solid wire ISO 14343-A - G 17
23	Miginox 430LNb	Solid wire ISO 14343-A - G 18 L Nb
24	Miginox 2209	Solid wire ISO 14343-A - G 22 9 3 N L
25	Miginox 2594	Solid wire ISO 14343-A - G 25 9 4 N L
26	Miginox 630	Solid wire ISO 14343-B - G 630
27	Tiginox 308L	Solid wire ISO 14343-A - W 19 9 L
28	Tiginox 308H	Solid wire ISO 14343-A - W (19 9 H)
29	Tiginox 308LSi	Solid wire ISO 14343-A - W 19 9 L Si
30	Tiginox 309L	Solid wire ISO 14343-A - W 23 12 L
31	Tiginox 309Mo	Solid wire ISO 14343-B - W 309Mo
32	Tiginox 309LMo	Solid wire ISO 14343-A - W 23 12 2 L
33	Tiginox 309LSi	Solid wire ISO 14343-A - W 23 12 L Si
34	Tiginox 310	Solid wire ISO 14343-A - W 25 20
35	Tiginox 312	Solid wire ISO 14343-A - W 29 9
36	Tiginox 316L	Solid wire ISO 14343-A - W (19 12 3 L)
37	Tiginox 316H	Solid wire ISO 14343-A - W 19 12 3 H
38	Tiginox 316LMo	Solid wire ISO 14343-A - W 19 12 3 L
39	Tiginox 316LSi	Solid wire ISO 14343-A - W (19 12 3 L Si)
40	Tiginox 317L	Solid wire ISO 14343-A - W (18 15 3 L)
41	Tiginox 318	Solid wire ISO 14343-A - W (19 12 3 Nb)
42	Tiginox 320	Solid wire ISO 14343-B - W 320
43	Tiginox 347	Solid wire ISO 14343-A - W 19 9 Nb
44	Tiginox 347Si	Solid wire ISO 14343-A - W 19 9 Nb Si
45	Tiginox 385	Solid wire ISO 14343-A - W 20 25 5 Cu L
46	Tiginox 410	Solid wire ISO 14343-A - W 13
47	Tiginox 410NiMo	Solid wire ISO 14343-A - W 13 4
48	Tiginox 430	Solid wire ISO 14343-A - W 17
49	Tiginox 2209	Solid wire ISO 14343-A - W 22 9 3 N L
50	Tiginox 2594	Solid wire ISO 14343-A - W 25 9 4 N L

No.	Brand name	EN ISO classification
51	Tiginox 630	Solid wire ISO 14343-B - W 630
52	SUBINOX 308L	Solid wire ISO 14343-A - S 19 9 L
53	SUBINOX 308H	Solid wire ISO 14343-A - S 19 9 H
54	SUBINOX 316L	Solid wire ISO 14343-A - (S 19 12 3 L)
55	SUBINOX 309L	Solid wire ISO 14343-A - S 23 12 L
56	SUBINOX 309LMo	Solid wire ISO 14343-A - S 2312 2 L
57	SUBINOX 347	Solid wire ISO 14343-A - S 19 9 Nb
58	SUBINOX 410	Solid wire ISO 14343-A - S (13)
59	SUBINOX 410NiMo	Solid wire ISO 14343-A - S 13 4
60	SUBINOX 430	Solid wire ISO 14343-A - S (17)
61	SUBINOX 2209	Solid wire ISO 14343-A - S 22 9 3 NL
62	SUBINOX 2594	Solid wire ISO 14343-A - S 25 94 NL

13. Solid wire electrodes, solid wires or solid rods for fusion welding of nickel and nickel alloys according to the EN ISO 18274: 2010

No.	Brand name	EN ISO classification
1	Automig Ni-1	Solid wire ISO 18274 - S Ni 2061 (NiTi3)
2	Automig NiCr3	Solid wire ISO 18274 - S Ni 6082 (NiCr20Mn3Nb)
3	Automig NiCrMo-3	Solid wire ISO 18274 - S Ni 6625 (NiCr22Mo9Nb)
4	Automig NiCrMo-4	Solid wire ISO 18274 - S Ni 6276 (NiMo16Cr15Fe6W4)
5	Automig NiCu-7	Solid wire ISO 18274 - S Ni 4060 (NiCu30Mn3Ti)
6	Automig 617	Solid wire ISO 18274 - S Ni 6617 (NiCr22Co12Mo9)
7	Automig NiFeCr-1	Solid wire ISO 18274 - S Ni 6065 (NiFe30Cr21Mo3)
8	Automig NiFeCr-2	Solid wire ISO 18274 - S Ni 7718 (NiFe19Cr19Nb5Mo3)
9	Automig NiCrMo-10	Solid wire ISO 18274 - S Ni 6022 (NiCr21Mo13Fe4W3)
10	Automig NiCrMo-13	Solid wire ISO 18274 - S Ni 6059 (NiCr23Mo16)
11	Tigfil Ni-1	Solid wire ISO 18274 - S Ni 2061 (NiTi3)
12	Tigfil NiCr3	Solid wire ISO 18274 - S Ni 6082 (NiCr20Mn3Nb)
13	Tigfil NiCrMo-3	Solid wire ISO 18274 - S Ni 6625 (NiCr22Mo9Nb)
14	Tigfil NiCrMo-4	Solid wire ISO 18274 - S Ni 6276 (NiMo16Cr15Fe6W4)
15	Tigfil NiCu-7	Solid wire ISO 18274 - S Ni 4060 (NiCu30Mn3Ti)
16	Tigfil 617	Solid wire ISO 18274 - S Ni 6617 (NiCr22Co12Mo9)
17	Tigfil NiFeCr-1	Solid wire ISO 18274 - S Ni 6065 (NiFe30Cr21Mo3)
18	Tigfil NiFeCr-2	Solid wire ISO 18274 - S Ni 7718 (NiFe19Cr19Nb5Mo3)
19	Tigfil NiCrMo-10	Solid wire ISO 18274 - S Ni 6022 (NiCr21Mo13Fe4W3)
20	Tigfil NiCrMo-13	Solid wire ISO 18274 - S Ni 6059 (NiCr23Mo16)

14. Wire electrodes, wires and rods for welding of aluminium and aluminium alloys according to the EN ISO 18273: 2015

No.	Brand name	EN ISO classification
1	Automig 1100	Solid wire ISO 18273 - S Al 1100 (Al99.0Cu)
2	Automig 4043	Solid wire ISO 18273 - S Al 4043 (AlSi5)
3	Automig 5183	Solid wire ISO 18273 - S Al 5183 (AlMg4.5Mn0.7(A))
4	Automig 5356	Solid wire ISO 18273 - S Al 5356 (AlMg5Cr(A))
5	Automig 5556	Solid wire ISO 18273 - S Al 5556 (AlMg5Mn1Ti(A))
6	Tigfil 1100	Solid wire ISO 18273 - S Al 1100 (Al99.0Cu)
7	Tigfil 4043	Solid wire ISO 18273 - S Al 4043 (AlSi5)
8	Tigfil 5183	Solid wire ISO 18273 - S Al 5183 (AlMg4.5Mn0.7(A))
9	Tigfil 5356	Solid wire ISO 18273 - S Al 5356 (AlMg5Cr(A))
10	Tigfil 5556	Solid wire ISO 18273 - S Al 5556 (AlMg5Mn1Ti(A))

15. Solid wires and rods for fusion welding of copper and copper alloys according to the EN ISO 24373: 2018

No.	Brand name	EN ISO classification
1	Automig Cu	Solid wire ISO 24373 - S Cu 1897 (CuAg1)
2	Tigfil Cu	Solid wire ISO 24373 - S Cu 1897 (CuAg1)
3	Automig CuSn-A	Solid wire ISO 24373 - S Cu 5180 (CuSn5P)
4	Tigfil CuSn-A	Solid wire ISO 24373 - S Cu 5180 (CuSn5P)
5	Autobrazo CuSi	Solid wire ISO 24373 - S Cu 6560 (CuSi3Mn1)
6	Tigfil CuSi	Solid wire ISO 24373 - S Cu 6560 (CuSi3Mn1)
7	Automig CuNi	Solid wire ISO 24373 - S Cu 7158 (CuNi30Mn1FeTi)
8	Tigfil CuNi	Solid wire ISO 24373 - S Cu 7158 (CuNi30Mn1FeTi)
9	Automig CuAl-A1	Solid wire ISO 24373 - S Cu 6100 (CuAl7)
10	Tigfil CuAl-A1	Solid wire ISO 24373 - S Cu 6100 (CuAl7)
11	Automig CuAl-A2	Solid wire ISO 24373 - S Cu 6180 (CuAl10Fe)
12	Tigfil CuAl-A2	Solid wire ISO 24373 - S Cu 6180 (CuAl10Fe)
13	Automig CuNiAl	Solid wire ISO 24373 - S Cu 6328 (CuAl9Ni5Fe3Mn2)
14	Tigfil CuNiAl	Solid wire ISO 24373 - S Cu 6328 (CuAl9Ni5Fe3Mn2)

16. Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels according to the EN ISO 17632: 2015

No.	Brand name	EN ISO classification
1	Automig FC 71T-1	Tubular cored electrode ISO 17632 A - T 42 2 P C1 2 H5
		Tubular cored electrode ISO 17632 A - T 42 2 P M21 2 H5
2	Automig FC 121	Tubular cored electrode ISO 17632 A - T 42 2 P C1 2 H10
3	Automig FC 71T-5	Tubular cored electrode ISO 17632 A - T 42 3 B C1 2 H5
		Tubular cored electrode ISO 17632 A - T 42 3 B M21 2 H5

No.	Brand name	EN ISO classification
4	Automig FC 71T-1C-J	Tubular cored electrode ISO 17632 A - T 42 4 P C1 2 H10
5	Automig FC 71T-1M	Tubular cored electrode ISO 17632 A - T 42 2 P M21 2 H10
6	Automig FC 71T-5-J	Tubular cored electrode ISO 17632 A - T 42 4 B C1 2 H5
		Tubular cored electrode ISO 17632 A - T 42 4 B M21 2 H5
7	Automig MC 70C-6C	Tubular cored electrode ISO 17632 A - T 42 3 M C1 2 H5
8	Automig MC 70C-6M	Tubular cored electrode ISO 17632 A - T 46 4 M M21 2 H5
9	Automig FC 81T1-Ni1	Tubular cored electrode ISO 17632-A - T 46 3 1Ni P C1 2 H10
10	Automig FC 81T1-Ni2	Tubular cored electrode ISO 17632-A - T 46 4 2Ni P C1 2 H10
11	Automig FC 81T1-K2	Tubular cored electrode ISO 17632-A - T 46 3 1.5Ni P C1 2 H10
12	Automig FC 80T5-K2	Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B C1 2 H5
		Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B M21 2 H5
13	Automig FC 90T5-K2	Tubular cored electrode ISO 17632-A - T 50 5 1.5Ni B C1 3 H5
		Tubular cored electrode ISO 17632-A - T 50 5 1.5Ni B M21 3 H5
14	Automig FC 81T1-G	Tubular cored electrode ISO 17632-A - T 46 3 1Ni P C1 2 H10
15	Automig FC 81T1-K2C-J	Tubular cored electrode ISO 17632-A - T 46 4 1.5Ni P C1 2 H10
16	Automig FC 81T5-K2	Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B C1 2 H5
		Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B M21 2 H5
17	Automig FC 80T5-K2C-J	Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B C1 3 H5
		Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B M21 3 H5
18	Automig FC 80T5-G	Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B C1 3 H5
		Tubular cored electrode ISO 17632-A - T 46 5 1.5Ni B M21 3 H5
19	Automig FC 90T5-G	Tubular cored electrode ISO 17632-A - T 50 5 1.5Ni B C1 3 H5
		Tubular cored electrode ISO 17632-A - T 50 5 1.5Ni B M21 3 H5
20	Automig FC 180R	Tubular cored electrode ISO 17632-B - T553T1-1C1A-NCC1-H10
		Tubular cored electrode ISO 17632-B - T553T1-1M21A-NCC1-H10

17. Tubular cored electrodes for gas shielded metal arc welding of creep-resisting steels according to the EN ISO 17634: 2009

No.	Brand name	Designation
1	Automig FC 81T1-B2	Tubular cored electrode ISO 17634-A - T CrMo1 P C1 2 H10
2	Automig FC 91T1-B3	Tubular cored electrode ISO 17634-A - T CrMo2 P C1 2 H10
3	Automig FC 91T1-B9	Tubular cored electrode ISO 17634-B - T69T1-1C1-9C1MV-H10

18. Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels according to the EN ISO 18276: 2017

No.	Brand name	EN ISO classification
1	Automig FC 91T1-G	Tubular cored electrode ISO 18276-B - T622T1-1C1A-3M2-H10
2	Automig FC 18M Spl	Tubular cored electrode ISO 18276-B - T624T1-1C1A-3M2-H10
		Tubular cored electrode ISO 18276-B - T624T1-1M21A-3M2-H10

No.	Brand name	EN ISO classification
3	Automig FC 101T1-K3	Tubular cored electrode ISO 18276-B - T693T1-1C1A-N3M2-H10
4	Automig FC 111T1-K3	Tubular cored electrode ISO 18276-B - T762T1-1C1A-N3M2-H10
		Tubular cored electrode ISO 18276-B - T782T1-1C1A-N3M2-H10
5	Automig FC 120T5-K4	Tubular cored electrode ISO 18276-B - T835T5-0C1A-N4C1M2-H5
		Tubular cored electrode ISO 18276-B - T835T5-0M21A-N4C1M2-H5
6	Automig FC 110T5-K4	Tubular cored electrode ISO 18276-A - T 69 5 Mn2NiCrMo B C1 3-H5
7	Automig MC 90C-G	Tubular cored electrode EN ISO 18276-A - T 55 5 ZMn2NiMo M M21 2-H5

19. Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels according to the EN ISO 17633: 2018

No.	Brand name	EN ISO classification
1	Miginox FC 308L	Tubular cored electrode ISO 17633-A - T 19 9 L P C1 2
		Tubular cored electrode ISO 17633-A - T 19 9 L P M21 2
2	Miginox FC 309L	Tubular cored electrode ISO 17633-A - T 23 12 L P C1 2
		Tubular cored electrode ISO 17633-A - T 23 12 L P M21 2
3	Miginox FC 309LMo	Tubular cored electrode ISO 17633-A - T 23 12 2 L P C1 2
		Tubular cored electrode ISO 17633-A - T 23 12 2 L P M21 2
4	Miginox FC 316L	Tubular cored electrode ISO 17633-B - TS 316L P C1 1
		Tubular cored electrode ISO 17633-B - TS 316L P M21 1
5	Miginox FC 347	Tubular cored electrode ISO 17633-A - T 19 9 Nb P C1 2
		Tubular cored electrode ISO 17633-A - T 19 9 Nb P M21 2
6	Miginox FC 410NiMo	Tubular cored electrode ISO 17633-A - T 13 4 P C1 2
		Tubular cored electrode ISO 17633-A - T 13 4 P M21 2
7	Miginox FC 2209	Tubular cored electrode ISO 17633-A - T 22 9 3 N L P C1 2
		Tubular cored electrode ISO 17633-A - T 22 9 3 N L P M21 2
8	Miginox FC 2594	Tubular cored electrode ISO 17633-A - T 25 9 4 N L P C1 2
		Tubular cored electrode ISO 17633-A - T 25 9 4 N L P M21 2
9	Miginox MC 409	Tubular cored electrode ISO 17633-A - T 13 Ti M M13 2
		Tubular cored electrode ISO 17633-A - T 13 Ti M M21 2
10	Miginox MC 410NiMo	Tubular cored electrode ISO 17633-A - T 13 4 M M13 2
		Tubular cored electrode ISO 17633-A - T 13 4 M M21 2

20. Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non-alloy and fine grain steels according to the EN ISO 14171: 2016

No.	Brand name	EN ISO classification
1	AUTOMELT EL8 (AUTOMELT Gr.A)	Solid wire ISO 14171 - A - S1
2	AUTOMELT EL8K	Solid wire ISO 14171 - A - S1 Si
3	AUTOMELT EL12	Solid wire ISO 14171 - A - S1
4	AUTOMELT EM12K	Solid wire ISO 14171 - A - S2Si
5	AUTOMELT EH10K	Solid wire ISO 14171 - A - S3
6	AUTOMELT EH12K	Solid wire ISO 14171 - A - S3Si
7	AUTOMELT EH14	Solid wire ISO 14171 - A - S4
8	AUTOMELT EA2	Solid wire ISO 14171 - A - S2Mo
9	AUTOMELT EA3	Solid wire ISO 14171 - A - S4Mo
10	AUTOMELT EA4	Solid wire ISO 14171 - A - S3Mo
11	AUTOMELT ENi1	Solid wire ISO 14171 - A - S2Ni1
12	AUTOMELT ENi2	Solid wire ISO 14171 - A - S2Ni2
13	AUTOMELT ENi3	Solid wire ISO 14171 - A - S2Ni3
14	AUTOMELT EF1	Solid wire ISO 14171 - A - S2Ni1Mo
15	AUTOMELT EF3	Solid wire ISO 14171 - A - S3Ni1Mo
16	AUTOMELT A55+ AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 42 0 AR S1
17	AUTOMELT A55 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 0 AR S2Si
18	AUTOMELT A57 + AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 42 A AR S1
19	AUTOMELT A57 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 A AR S2Si
20	AUTOMELT A81 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 A AR S2Si
21	AUTOMELT A81 + AUTOMELTEA2	Electrode / Flux combination ISO 14171 - A - S 50 A AR S2Mo
22	AUTOMELT A82 + AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 46 A AR S1
23	AUTOMELT A82 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 46 A AR S2Si
24	AUTOMELT A82 + AUTOMELT EA2	Electrode / Flux combination ISO 14171 - A - S 50 A AR S2Mo
25	AUTOMELT A61 + AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 42 0 MS S1
26	AUTOMELT A61 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 2 MS S2Si
27	AUTOMELT A61 + AUTOMELT EA2	Electrode / Flux combination ISO 14171 - A - S 46 A MS S2Mo

No.	Brand name	EN ISO classification
28	AUTOMELT A61S + AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 42 A CS S1
29	AUTOMELT A61S+ AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 2 CS S2Si
30	AUTOMELT A61S+ AUTOMELT EA2	Electrode / Flux combination ISO 14171 - A - S 46 A CS S2Mo
31	AUTOMELT B41 + AUTOMELT EH10K	Electrode / Flux combination ISO 14171 - A - S 42 6 FB S3
32	AUTOMELT B41 + AUTOMELT EH12K	Electrode / Flux combination ISO 14171 - A - S 42 6 FB S3Si
33	AUTOMELT B41 + AUTOMELT EH14	Electrode / Flux combination ISO 14171 - A - S 42 5 FB S4
34	AUTOMELT B41 + AUTOMELT EA3	Electrode / Flux combination ISO 14171 - A - S 50 4 FB S4Mo
35	AUTOMELT B41 + AUTOMELT EA4	Electrode / Flux combination ISO 14171 - A - S 46 4 FB S3Mo
36	AUTOMELT B31 + AUTOMELT EH14	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S4
37	AUTOMELT B71 + AUTOMELT EL8	Electrode / Flux combination ISO 14171 - A - S 42 3 FB S1
38	AUTOMELT B71 + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S2Si
39	AUTOMELT B71 + AUTOMELT EH10K	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S3
40	AUTOMELT B71 + AUTOMELT EH12K	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S3 Si
41	AUTOMELT B71 + AUTOMELT EH14	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S4
42	AUTOMELT B71 + AUTOMELT EA2	Electrode / Flux combination ISO 14171 - A - S 46 3 FB S2Mo
43	AUTOMELT B71 + AUTOMELT EA3	Electrode / Flux combination ISO 14171 - A - S 50 3 FB S4Mo
44	AUTOMELT B71 + AUTOMELT EA4	Electrode / Flux combination ISO 14171 - A - S 46 3 FB S3Mo
45	AUTOMELT B71 + AUTOMELT ENi2	Electrode / Flux combination ISO 14171 - A - S 46 5 FB S2Ni2
46	AUTOMELT B71 + AUTOMELT ENi3	Electrode / Flux combination ISO 14171 - A - S 46 6 FB S2Ni3
47	AUTOMELT B22 PLUS + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S2Si
48	AUTOMELT B22 PLUS + AUTOMELT EH10K	Electrode / Flux combination ISO 14171 - A - S 42 4 FB S3
49	AUTOMELT B20 PLUS + AUTOMELT EM12K	Electrode / Flux combination ISO 14171 - A - S 42 6 FB S2Si

No.	Brand name	EN ISO classification
50	AUTOMELT B20 PLUS + AUTOMELT EH10K	Electrode / Flux combination ISO 14171 - A - S 42 6 FB S3
51	AUTOMELT B20 PLUS + AUTOMELT EH12K	Electrode / Flux combination ISO 14171 - A - S 42 7 FB S3Si
52	AUTOMELT B20 PLUS + AUTOMELT EH14	Electrode / Flux combination ISO 14171 - A - S 42 5 FB S4
53	AUTOMELT B20 PLUS + AUTOMELT EA2	Electrode / Flux combination ISO 14171 - A - S 46 4 FB S2Mo
54	AUTOMELT B20 PLUS + AUTOMELT EA3	Electrode / Flux combination ISO 14171 - A - S 50 4 FB S4Mo
55	AUTOMELT B43+ AUTOMELT ENi2	Electrode / Flux combination ISO 14171 - A - S 42 5 FB S2Ni2
56	AUTOMELT B43+ AUTOMELT ENi3	Electrode / Flux combination ISO 14171 - A - S 50 6 FB S2Ni3

21. Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels according to the EN ISO 24598: 2019

No.	Brand name	Designation
1	AUTOMELT EB2	Solid wire ISO 24598-A - S S CrMo1
2	AUTOMELT EB2R	Solid wire ISO 24598-A - S S CrMo1R
3	AUTOMELT EB3	Solid wire ISO 24598-A - S S CrMo2
4	AUTOMELT EB3R	Solid wire ISO 24598-A - S S CrMo2R
5	AUTOMELT EB6	Solid wire ISO 24598-A - S S CrMo5
6	AUTOMELT EB91	Solid wire ISO 24598-A - S S CrMo91
7	AUTOMELT A81 + AUTOMELT EB2	Electrode / Flux combination ISO 24598-A - S S CrMo1 AR
8	AUTOMELT B71 + AUTOMELT EB2	Electrode / Flux combination ISO 24598-A - S S CrMo1 FB
9	AUTOMELT B71 + AUTOMELT EB3	Electrode / Flux combination ISO 24598-A - S S CrMo1 FB
10	AUTOMELT B20 PLUS + AUTOMELT EB2R	Electrode / Flux combination ISO 24598-A - S S CrMo1R FB
11	AUTOMELT B20 PLUS + AUTOMELT EB3R	Electrode / Flux combination ISO 24598-A - S S CrMo2R FB

22. Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels according to the EN ISO 26304: 2018

No.	Brand name	Designation
1	AUTOMELT EF5	Solid wire ISO 26304-A - S3Ni2.5CrMo
2	AUTOMELT S3NiCrMo2.5	Solid wire ISO 26304-A - S3Ni2.5CrMo
3	AUTOMELT B20 PLUS + AUTOMELT EF3	Electrode / Flux combination ISO 26304-A - S 55 5 FB S3Ni1Mo
4	AUTOMELT B20 PLUS + AUTOMELT EF5	Electrode / Flux combination ISO 26304-A - S 69 6 FB S3Ni2.5CrMo

23. Fluxes for submerged arc welding and electroslag welding according to the EN ISO 14174: 2019

No.	Brand name	Designation
1	Automelt A55	Flux ISO 14174 - S A AR 1 87 DC
2	Automelt A57	Flux ISO 14174 - S A AR 1 87 DC
3	Automelt A81	Flux ISO 14174 - S A AR 1 77 AC
4	Automelt A82	Flux ISO 14174 - S A AR 1 98 AC
5	Automelt A61	Flux ISO 14174 - S A MS 1 88 AC
6	Automelt A61S	Flux ISO 14174 - S A CS 1 87 AC
7	Automelt B31	Flux ISO 14174 - S A FB 1 77 DC
8	Automelt B71	Flux ISO 14174 - S A FB 1 66 AC
9	Automelt B22 Plus	Flux ISO 14174 - S A FB 1 77 AC
10	Automelt B20 Plus	Flux ISO 14174 - S A FB 1 77 AC
11	Automelt B41	Flux ISO 14174 - S A FB 1 76 DC
12	Automelt B43	Flux ISO 14174 - S A FB 1 64 DC
13	Automelt S33	Flux ISO 14174 - S A FB 2 DC
14	Automelt S76	Flux ISO 14174 - S A FB 2 DC
15	Automelt S79	Flux ISO 14174 - S A FB 2 AC
16	Automelt ES1	Flux ISO 14174 - S A FB 2B DC



Ing. Dušan Perniš
General Director

