

(2024.03.11

|    |                      | ABS                         | BV                 | CCS          | DNV                | KR          | LR            | NK           | INA   | CWB    | DB         | CE                                |
|----|----------------------|-----------------------------|--------------------|--------------|--------------------|-------------|---------------|--------------|---|--------|------------|-----------------------------------|
| 1  | TL-50                |                             |                    |              |                    |             |               |              |   |        |            |                                   |
| 2  | TL-507               | 3Y                          |                    | 3YH10        |                    |             |               | KMW53H10     |   |        |            | ISO 2560-E 42 3 B 2 2             |
| 3  | TL-507Ni             |                             |                    | 4Y           |                    |             |               |              |   |        |            |                                   |
| 4  | TL-508               | 3Y                          | 3YHH               | 3YH10        | 3 YH10             |             | 3YmH15        |              |   |        |            |                                   |
| 5  | TS-308LT             | AWS A5.4 E308L(-16(-196 )   |                    | 304L(-196 )  | NV 308L(-196 )     |             | 304L m(-196 ) |              |   |        |            |                                   |
| 6  | TS-308L              | AWS A5.4 E308L-16           | 308L               | 304L         | VL 308L            |             | 304L m        |              |   |        |            | ISO 3581-A-E 19 9 L               |
| 7  | TS-309L              | AWS A5.4 E309L-16           | 309L               | 309L         | VL 309L            |             | SS CMn        |              |   |        |            | ISO 3581-A-E 23 12 L              |
| 8  | TS-316L              | AWS A5.4 E316L-16           | 316L               | 316L         | NV 316L            |             | 316L m        |              |   |        |            |                                   |
| 9  | TS-2209              | AWS A5.4M E2209-16          |                    |              |                    |             |               |              |   |        |            | ISO 3581-A E 22 9 3 N L e2.6-e5.0 |
| 10 | TS-2209C             |                             |                    |              |                    |             |               |              |   |        |            | ISO 3581-A E 22 9 3 N L e2.6-e5.0 |
| 11 | TN-28                |                             | 5Y46H5             | 5Y46H5       | 5Y46H5 (KS)        |             |               |              | E5518-C1-H4                                     |        | 2025.03.08 |                                   |
| 12 | TN-58                | 4YQ460H5(-50 )              |                    |              |                    |             |               |              |   |        |            |                                   |
| 13 | TNM-9                | AWS A5.11 ENiCrMo-6(-196 )  | N90 (-196 )        | 9Ni(-196 )   | NV 9Ni(-196 )      |             | 9Ni m(-196 )  |              |   |        |            |                                   |
| 14 | TL-118G              |                             |                    | 4Y69H5       |                    |             |               |              |   |        |            |                                   |
| 15 | TN-355               | 5Ni                         |                    |              |                    |             |               |              |   |        |            |                                   |
| 16 | TGS-308L             | AWS A5.9 ER308L             |                    |              |                    |             | 304L m(-196 ) |              |   |        |            | ISO14343-A-G W 19 9 L             |
| 17 | TGS-308L             | AWS A5.9 ER308L(-196 )      | 308L BT(-196 )     | 304L(-196 )  | NV 308L(-196 )     |             |               |              |   |        |            |                                   |
| 17 | TGS-309L             | AWS A5.9 ER309L             | 309L               |              |                    |             |               |              |   |        |            |                                   |
| 18 | TGS-316L             | AWS A5.9 ER316L(-196 )      | 316L BT(-196 )     | 316L         | VL 316L(-196 )     |             | 316L m(-196 ) | KY316L(0)    | 316L BT   | ER309L | 2025.03.07 | ISO14343-A-G W 23 12 L            |
| 19 | TGS-2209             | AWS A5.9 ER2209             | 2205               | 2205         | UNS S31803         |             |               |              |   | ER316L | 2025.05.16 |                                   |
| 20 | TGS-2594             | AWS A5.9/A5.9M ER2594       |                    |              |                    |             |               |              |   |        |            |                                   |
| 21 | TIG-50               | 3YSA                        | SA3YM              | 3Y           | IV YM(-50 )        |             | 3YmH15        | KSW53G(0)    |   |        |            | ISO 636-A -W 42 4 38H1            |
| 22 | TIG-80Ni1            | 4YQ690SA(-50 )              |                    |              |                    |             |               |              |   |        |            |                                   |
| 23 | TM-56                | 3YSA                        |                    | 3YS          | YS                 |             | 3YS H15       | KSW53G(C)    |   |        |            |                                   |
| 24 | TM-60                |                             |                    | 3Y46S        |                    |             |               |              |   |        |            |                                   |
| 25 | TM-70C               | 3YSAH10                     |                    | 3YSH10       | YMS(H10)           |             | 3YSH10        | KSW53G(C)H10 |   |        |            | ISO 17632-A-T 42 2 P C1 3         |
| 26 | TM-70C(Auto)         | 3YAH10                      | A3YMH10            | 3YMH10       |                    | 3YMG(C)H5   | 3YMH10        |              |   |        |            |                                   |
| 27 | TWE-711              | 3YSAH5                      | SA3Y H5            | 3YSH5        | III YMS(H5)        | 3YSG(C) H10 | 3YMSH5        | KSW53G(C)H10 |   |        |            | ISO 17632-A-T 42 2 P C1 1         |
| 28 | TWE-712              | 3YSAH10                     | SA3YM              | 3YSH10       | YS(H10)            | 3YSG(C) H5  | 3YMSH5        | KSW53G(C)H5  |   |        |            |                                   |
| 29 | TWE-711H             |                             |                    |              | YS(H5)             |             |               |              |   |        |            |                                   |
| 30 | TWE-71G              |                             |                    |              |                    |             |               |              |   |        |            | ISO 17632-A-T42 6 Z P C1 2 H5     |
| 31 | TWE-711Ni            | 4YSAH10                     | SA4YM H10          | 4YSH5        | YMS(H10)           |             | 4YSH10        | KSW54G(C)H10 | E491T-9CJ-H4                                    |        | 2025.5.20  | ISO 17632-A-T 42 4 P C1 1 H5      |
| 32 | TWE-711PRO           | 4Y400SAH5                   |                    | 4Y40SH5      | IV Y40 S(H5)(-50 ) |             |               |              |   |        |            |                                   |
| 33 | TWE-81K2             | 5YQ460SAH5                  | SA5Y46MH5          | 5Y46SH5      | V Y46MS(H5)        |             | 5Y46H5        |              |   |        |            | ISO 17632-A-T46 6 1.5Ni P C1 1 H5 |
| 34 | TWE-81K2C            | 5Y400SAH5                   | SA5Y40MH5          | 5Y40SH5      | V Y40MS(H5)        |             | 5Y40H5        |              |   |        |            |                                   |
| 35 | TWE-811Ni1           |                             |                    | 3Y46S        |                    |             |               |              | E551T1-NiC-JH4(E81T1-NiC-JH4)                   |        | 2025.5.20  |                                   |
| 36 | TWE-811Ni2           |                             |                    |              |                    |             |               |              |   |        |            | ISO 17632-A-T 46 4 2Ni P C1 2     |
| 37 | TWE-911Ni2           |                             |                    |              |                    |             |               |              |   |        |            | ISO 17632-A-T50 4 2Ni P C1 1 H5   |
| 38 | HOBART® 711Ni        |                             |                    |              | IV YMS(H10)        |             |               |              |   |        |            | ISO 17632-A-T42 4 P C1 1 H5       |
| 39 | HOBART® 811K2        |                             |                    |              | V Y46MS(H5)        |             |               |              |   |        |            | ISO 17632-A-T46 6 1.5Ni P C1 1 H5 |
| 40 | TWE-91K2             |                             |                    | 4Y55SH5      |                    |             |               |              |   |        |            |                                   |
| 41 | TWE-110K3            | 4YQ690SAH5                  |                    | 4Y69SH5      |                    |             |               |              |   |        |            | ISO 18276-A -T 69 4 Mn2NiMo B C1  |
| 42 | TFW-308L             | AWS A5.22 E308LT1-1         | 308L               | 304LS(-196 ) | NV 308L(-196 )     |             | 304LS         |              |   |        |            | ISO 17633-A-T 19 9 L P C1 2       |
| 43 | TFW-309L             | AWS A5.22 E309LT1-1         | 309L               | 309LS        | VL 309L            |             | SS/CMn S      | KW309L(G/C)  |   |        |            | ISO 17633-A-T 23 12 L P C1 2      |
| 44 | TFW-316L             | AWS A5.22 E316LT1-1         | 316L BT(-196 )     | 316LS        | VL 316L            |             | 316LS         | KW316L(G/C)  |   |        |            |                                   |
| 45 | TFW-2209             | AWS 5.22 E2209T1-4(-20 -40) | 2205               | 2205S        | UNS S31803         |             | S31803 S      |              |   |        |            |                                   |
| 46 | TFW-188M             | 5Ni                         |                    |              |                    |             |               |              |   |        |            |                                   |
| 47 | FabCO® 308L-T1/C1    | AWS A5.22 E308LT1-1         |                    |              | VL308L             |             | 304L S        |              | E308LT1-1                                       | 1.2    | 2025.3.21  | ISO 17633-A-T 19 9 L P C1 2       |
| 48 | FabCO® 309L-T1/C1    | AWS A5.22 E309LT1-1         |                    |              | VL 309L            |             |               |              | E309LT1-1                                       |        | 2025.3.21  | ISO 17633-A-T 23 12 L P C1 2      |
| 49 | FabCO® 316L-T1/C1    | AWS A5.22 E316LT1-1         |                    |              | VL 316L            |             | 316L S        |              | E316LT1-1                                       |        | 2025.3.21  |                                   |
| 50 | FabCO 308LT1/M21     | AWS A5.22 E308LT1-4         |                    |              | NL 308L(-196 )     |             | 304L S        |              | E308LT1-4                                       |        | 2025.3.21  | ISO 17633-A-T 19 9 L P M21 2      |
| 51 | FabCO® 309LT1/M21    | AWS A5.22 E309LT1-4         |                    |              | VL 309L            |             | SS/CMn S      |              | E309LT1-4                                       |        | 2025.3.21  | ISO 17633-A-T 23 12 L P M21 2     |
| 52 | FabCO® 316LT1/M21    | AWS A5.22 E316LT1-4         |                    |              | VL 316L            |             | 316L S        |              | E316LT1-4                                       |        | 2025.3.21  |                                   |
| 53 | TFW-309MnL           |                             |                    |              | VL 309 MnL         |             |               |              |   |        |            |                                   |
| 54 | TEC-80Ni1            |                             |                    |              |                    |             |               |              | E55C-Ni1-H4(E80C-Ni1-Mn)                        |        | 2025.5.20  |                                   |
| 55 | MIG-308L             |                             |                    | 304L(-196 )  |                    |             |               |              |   |        |            | ISO14343-A-G 19 9 L               |
| 56 | MIG-309L             |                             | 309L               |              |                    |             |               |              |   |        |            | ISO14343-A-G 23 12 L              |
| 57 | MIG-316L             |                             | 316L               |              |                    |             |               |              |   |        |            |                                   |
| 58 | MIG-308LSi           |                             |                    |              |                    |             |               |              |   |        |            | ISO 14343-A-G 19 9 L Si           |
| 59 | MIG-309LSi           |                             |                    |              |                    |             |               |              |   |        |            | ISO 14343-A-G 23 12 L Si          |
| 60 | TW-308L+TFS-300      |                             | 308L BT M(-196 )   | 304LM(-196 ) |                    |             |               |              |   |        |            |                                   |
| 61 | TW-308L+TFS-300NB    | AWS A5.9 ER308L(-196 )      | A 308L M BT(-196 ) | 304LM(-196 ) | NV 308L(-196 )     |             | 304L(-196 )   |              |   |        |            |                                   |
| 62 | TW-309L+TFS-300      |                             |                    | 309LM        |                    |             |               |              |   |        |            |                                   |
| 63 | TW-309L+TFS-300NB    | AWS A5.9M ER309L            |                    |              |                    |             |               |              |   |        |            |                                   |
| 64 | TSW-12KHG+TF-210     | 5Y40TMH5(-60 -47)           | A5Y40TMH5          | 5Y40TMH5     | VY40TMH5           |             | 5Y40TMH5      |              | CSA W48-23 / AWS A5.17M F49A6-EG-H4 F49P6-EG-H4 |        | 2025.12.8  | ISO 14171-A-S 42 6 FB SZ3Ni0.4 H5 |
| 65 | TSW-12KHG+TF-210     | 5Y40TMH5(-60 -47)           | A5Y40TMH5          | 5Y40MH5      | VY40TMH5           |             | 5Y40MH5       |              |   |        |            |                                   |
| 66 | TSW-E31+TF-250       | 5YQ460MH5                   | A5Y46MH5           | 5Y46MH5      | V Y46MH5           |             | 5Y46MH5       |              |   |        |            |                                   |
| 67 | TSW-E31*2+TF-250     | 5YQ460MH5                   | A5Y46MH5           | 5Y46MH5      | V Y46MH5           |             | 5Y46MH5       |              |   |        |            |                                   |
| 68 | TSW-E31+TF-250(BV)   |                             | 5Y46MDH5           |              |                    |             |               |              |   |        |            |                                   |
| 69 | TSW-E31*2+TF-250(BV) |                             | 5Y46MDH5           |              |                    |             |               |              |   |        |            |                                   |
| 70 | TSW-E31+TF-565       |                             |                    |              |                    |             |               |              | Ni1(FRA2-EN1-Ni1)                               |        | 2025.5.20  |                                   |
| 71 | TSW-14H+TF-560       | 4Y400TMH5                   |                    | 4Y40TMH5     |                    |             |               |              |   |        |            | ISO 14171-A-S 42 4 FB S4 H5       |
| 72 | TSW-14H*2+TF-560     | 4Y400TMH5                   |                    | 4Y40TMH5     |                    |             |               |              |   |        |            |                                   |
| 73 | TSW-E41+TF-210       |                             |                    | 4Y55MH5      |                    |             |               |              |   |        |            |                                   |
| 74 | TSW-E5G+TF-210       |                             |                    | 4Y69MH5      |                    |             |               |              |   |        |            |                                   |
| 75 | TW-308L              |                             |                    |              |                    |             |               |              |   |        |            | ISO 14343-A-S 19 9 L              |
| 76 | TW-308H              |                             |                    |              |                    |             |               |              |   |        |            | ISO 14343-A-S 19 9 H              |
| 77 | TFS-300NB            |                             |                    |              |                    |             |               |              |   |        |            | ISO 14174-S A FB 2 56 55 AC       |