



Welding Consumables Annual Re- Approval Certificate

Date **05 September 2022** Office **Changwon**

This certificate is issued to
ESAB SeAH CORPORATION

The undermentioned welding consumables supplied by the company named above have been approved for a further year ending **08/05/2023** with the grading shown.

| Trade Name | Section | Grading |
|--|---------|----------------------------|
| Dual Shield 7100S / CO2 | 5 | DXVudO, BF, 2YS, H10 |
| Coreweld 111RB / CO2 | 5 | DXVudO, BF, 2YS, H10 |
| Coreweld 111 Ultra / CO2 | 5 | D, BF, 3YS, H10 |
| Coreweld Ultra / 75%Ar+25%CO2 | 5 | DXVudO, BF, 3YS, H15 |
| Dual Shield II 70 Ultra / 75%Ar+25%CO2 | 5 | DXVudO, BF, 3YS, H10 |
| Coreweld 70 / 75%Ar+25%CO2 | 5 | DXVuO, BF, 3YS, H10 |
| Coreweld Ultra / CO2 | 5 | DXVudO, BF, 3YS, H10 |
| Dual Shield 7100 Ultra / CO2 | 5 | DXVudO, BF, 3YS, H10 |
| Dual Shield 7100 Ultra / 75%Ar + 25%CO2 | 5 | DXVudO, BF, 3YS, H10 |
| Coreweld 80-K2 / CO2 | 5 | D, BF, 5Y40S, H10 |
| Dual Shield 70 Ultra Plus / 90%Ar + 10%CO2 | 5 | DXVuO, BF, 3YS, H10 |
| Dual Shield T-5 / 75%Ar + 25%CO2 | 5 | DXVudO, BF, 3YS, H10 |
| Dual Shield R-70 / CO2 | 5 | D, BF, 3YS, H15 |
| 2 X Coreweld 111RB / CO2 | 5 | D, BF, 3YM, H15 |
| 2 X Coreweld 80-K2 / CO2 | 5 | D, BF, 5Y40M, H10 |
| 2 X Coreweld 111 Ultra / CO2 | 5 | D, BF, 3YM, NR |
| Shield-Bright 308L / CO2 | 8 | DXVudO, BF, 304L, S, CHE |
| Shield-Bright 308L / 75%Ar + 25%CO2 | 8 | DXVudO, BF, 304L, S, CHE |
| Shield-Bright 308L X-tra / CO2 | 8 | D, BF, 304L, S, CHE |
| Shield-Bright 309L / CO2 | 8 | DXVudO, BF, SS/CMn, S, CHE |
| Shield-Bright 309L / 75%Ar + 25%CO2 | 8 | DXVudO, BF, SS/CMn, S, CHE |
| Shield-Bright 316L / CO2 | 8 | DXVudO, BF, 316L, S, CHE |
| Shield-Bright 316L / 75%Ar + 25%CO2 | 8 | DXVudO, BF, 316L, S, CHE |
| Shield-Bright 316L X-tra / CO2 | 8 | D, BF, 316L, S, CHE |
| INOX 308L (SMP-E308L) | 8 | D, BF, 304L, m, CHE |
| INOX 309L (SMP-E309L) | 8 | DXVuO, BF, SS/CMn, m, CHE |
| INOX 316L (SMP-E316L) | 8 | DXVuO, BF, 316L, m, CHE |
| Dual Shield II 81-K2 / CO2 | 5 | DXVuO, BF, 5Y40S, H5 |
| SMP-T316L / Ar | 8 | DXVuO, BF, 316L, m, CHE |
| Dual Shield T-5 / CO2 | 5 | DXVudO, BF, 3YS, H5 |
| Dual Shield 7100SR / CO2 | 5 | DXVudO, BF, 4YS, H5 |
| Dual Shield II 71-HI / CO2 | 5 | DXVudO, BF, 4YS, H5 |

Jun-Pyo, Park
Changwon Office
Lloyd's Register Asia

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| Trade Name | Section | Grading |
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| Dual Shield II 81-K2LH / CO2 | 5 | DXVudO, BF, 5Y40S, H5 |
| Dual Shield II 101-TC / CO2 | 5 | DXVudO, BF, 5Y50S, H5 |
| Dual Shield 8100SR / CO2 | 5 | DXVudO, BF, 4Y40S, H5 |
| Dual Shield II 81-K2LT / CO2 | 5 | DXVudO, BF, 5Y40S, H5 |
| Dual Shield 80EG / CO2 | 5 | DX, BF, 3YS, H5 |
| Coreweld 90-K2/ CO2 | 5 | D, BF, 5Y50S, H5 |
| Coreweld 90-K2/ CO2 | 5 | D, BF, 5Y50M, H5 |
| Dual Shield 7100SRM / 75%Ar + 25%CO2 | 5 | DXVudO, BF, 5Y40S, H5 |
| Dual Shield Prime 81-K2 / CO2 | 5 | DXVudO, BF, 5Y40S, H5 |
| SMP-S308L / OK Flux 10.93 | 8 | D, B, 304L, M, CRY |
| SMP-S316L / OK Flux 10.93 | 8 | D, B, 316L, M, CRY |
| Dual Shield 7100 / CO2 | 5 | DXVudO, BF, 2YS, H10 |
| Shield-Bright 2209 / CO2 | 8 | DXVudO, BF, S31803, S, CHE, 25 |
| Shield-Bright 2209 / 75%Ar + 25%CO2 | 8 | DXVudO, BF, S31803, S, CHE, 20 |
| Dual Shield II 81-HS / CO2 | 5 | DXVudO, BF, 5Y46S, H5 |
| Dual Shield II 81-OS / CO2 | 5 | DXVudO, BF, 5Y46S, H5 |
| Dual Shield II 71-SH / CO2 | 5 | DXVudO, BF, 4Y40S, H5 |
| Dual Shield Prime 81Ni1 H4 / CO2 | 5 | DXVudO, BF, 5Y46S, H5 |
| Dual Shield Prime 81Ni1M H4 / 75%Ar+25% CO2 | 5 | DXVudO, BF, 5Y46S, H5 |
| Cryo-Shield 308L / CO2 | 8 | DXVudO, BF, 304L, S, CRY |
| Cryo-Shield 316L / CO2 | 8 | DXVudO, BF, 316L, S, CRY |
| Cryo-Shield 316L / 75%Ar+25% CO2 | 8 | DXVudO, BF, 316L, S, CRY |
| Coreweld 70SH/ CO2 | 5 | DX, BF, 4Y40S, H5 |
| Dual Shield Prime 71LT H4/ CO2, | 5 | DXVudO, BF, 4Y40S, H5 |
| Dual Shield Prime 71LT H4 / 75%Ar+25% CO2 | 5 | DXVudO, BF, 4Y40S, H5 |
| Dual Shield Prime 71 H4 / 75%Ar+25% CO2 | 5 | DXVuO, BF, 3YS, H5 |
| Dual Shield Prime 71 H4 / 75%Ar+25% CO2 | 5 | D, BF, 3YM, H5 |
| SMP-E308L | 8 | D, BF, 304L, m, CHE |
| SMP-E309L | 8 | DXVuO, BF, SS/CMn, m, CHE |
| SMP-E316L | 8 | DXVuO, BF, 316L, m, CHE |
| Dual Shield II 81-Ni2LH / CO2 | 5 | DXVudO, BF, 5Y40S, H5 |
| Cryo-Shield Ni5 Plus / CO2 | 5 | DXVuO, BF, 5Ni |


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