



Welding Consumables Annual Re- Approval Certificate

Date	Office
31 January 2024	New York

This certificate is issued to
Lincoln Electric Company
22801 St Clair Avenue
Cleveland
OH 44117, USA

The undermentioned welding consumables supplied by the company named above have been approved for a further year ending **31 December 2024** with the grading shown.

Trade Name	Section	Grading
Fleetweld 5P (5/32", 7/32")	3	DXVuO, BF, 3m, NR, NA
Fleetweld 35 (1/4", 5/32")	3	DXVuO, BF, 3m, NR, NA
Excalibur 7018 XMR (5/32", 1/4") (=Excalibur 7018 MR)	3	DXVuO, BF, 3Ym, H5, NA
Excalibur 7018 MR (5/32", 1/4") (=Excalibur 7018 XMR)	3	DXVuO, BF, 3Ym, H5, NA
Excalibur 7018-1 MR(5/32", 1/4")	3	DXVuO, BF, 3Ym, H5, NA
Excalibur 7028 (5/32", 7/32")	3	DX, F, 3Ym, H10, NA
Excalibur 10018-D2 MR(1/8", 5/32")	3	DXVuO, BF, 3Y62m, H5, NA
Lincolnweld L50 / 880M	4	D, BF, 3YM, NR, NA
Lincolnweld L56 / 888	4	D, BF, 4Y50M H5, NA
Lincolnweld L60 / 780	4	D, BF, 2YM, NR, NA
Lincolnweld L61 / 780	4	D, BF, 2YM, NR, NA
Lincolnweld L61 / 761	4	D, BF, 3YM, NR, NA
Lincolnweld L61 / 860	4	D, BF, 3YM, NR, NA
Lincolnweld LAC - 690 / 888	4	D, BF, 5Y69M, H5, NA
Lincolnweld LA-84 (LNS164) / 888	4	D, BF, 4Y55M, H5, NA
Lincolnweld LA-85 (LNS165) / 888	4	D, BF, 5Y50M, H5, NA
Lincolnweld LA-85 (LNS 165) / 8500	4	D, BF, 5Y46M, H10, NA
Lincolnweld LA-85(LNS 165) / Lincolnweld 842-H	4	D, B, 5Y50M, H5, NA
Lincolnweld LA-84(LNS 164) / Lincolnweld 842-H	4	D, B, 5Y55M, H5, NA
Lincolnweld L-S3(LNS133U, L 50M) / Lincolnweld 8500	4	D, BF, 5Y42M, H5, NA
Lincolnweld L-S3(LNS 133U, L50M) / Lincolnweld 842-H	4	D, B, 5Y42M, H5, NA
Ultracore HD-C / CO2	5	DXVuO, BF, 3YS, H10, NA
Ultracore HD-M / 75%Ar-25%CO2	5	DXVuO, BF, 3YS, H10, NA



 Jun Tang
 Chicago Office
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Trade Name	Section	Grading
Superarc L50 / CO2	5	DXVuO, BF, 3YS, H5, NA
Superarc L50 / 75%Ar-25%CO2	5	DXVuO, BF, 3YS, H5, NA
Superarc L56 / CO2	5	DXVuO, BF, 3YS, H5, NA
Superarc L56 / 75%Ar-25%CO2	5	DXVuO, BF, 3YS, H5, NA
Superarc L59 / 75%Ar-25%CO2	5	DXVu, BF, 3YS, H5, NA
Pipelinier 80Ni1 / 90%Ar-10%CO2	5	DXVudO, BF, 5Y50S, H5, NA
UltraCore 81K2A75-H / 75%Ar-25%CO2	5	DXVuO, BF, 4Y46S, H5, NA
UltraCore 71A85 / 75%Ar-25%CO2	5	DXVudO, BF, 3YS, H10, NA
UltraCore 712C / CO2	5	DXVudO, BF, 3YS, H10, NA
UltraCore 712A80-H Plus 75%Ar-25%CO2	5	DXVuO, BF, 4YS, H5, NA
UltraCore 712A80 / 75%Ar-25% CO2	5	DXVudO, BF, 4YS, H10, NA
UltraCore 81Ni1A75-H / 75%Ar-25%CO2	5	DXVuO, BF, 4Y46S, H5, NA
UltraCore 81Ni1C-H / CO2	5	DXVuO, BF, 4Y46S, H5, NA
UltraCore 81Ni2A75-H / 75%Ar-25%CO2	5	DXVuO, BF, 3YS, H5 NA
UltraCore 81Ni2C-H / CO2	5	DXVuO, BF, 3YS, H5 NA
Outershield 71M / 75%Ar-25% CO2	5	DXVuO, BF, 3YS, H15, NA
Outershield 71M / CO2	5	DXVuO, BF, 3YS, H15, NA
Innershield NR-203 Nickel 1 %	5	DXVudO, BF, 3YS, H15, NA
Innershield NR-203MP	5	DXVudO, BF, 3YS, H15, NA
Innershield NR-232	5	DXVuO, BF, 3YS, H15, NA
Innershield NR-311Ni	5	D, BF, 2YS, NO, NA
Innershield NR - 440Ni2	5	DXVuO, BF, 4YS, H5, NA
UltraCore 712C-H Plus / CO2	5	DXVuO, BF, 4YS, H5, NA
UltraCore HD-12C / CO2	5	DXVuO, BF, 3YS, H10
UltraCore HD-12M / 75%Ar-25%CO2	5	DXVuO, BF, 3YS, H10
UltraCore 81Ni1M-H Plus / 75%Ar-25%CO2	5	DXVuO, BF, 4Y46S, H5
UltraCore 91K2C-H Plus / CO2	5	DXVuO, BF, 4Y50S, H5
UltraCore 91K2M-H Plus / 75%Ar-25%CO2	5	DXVuO, BF, 4Y50S, H5



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