

MILL TEST CERTIFICATE

EN 13479:2004

OUR INV. (REF.) NO.						DATE OF ISSUE				CERT. NO.		
2537						Aug 24,2024				2408143		
PRODUCED BY:							CONFORM TO:					
ESSETI NEW ZEALAND LIMITED							AS/NZS EN ISO:17632-A T42 2 P M/C 1 H4					
CONSIGNED TO:							AS/NZS EN ISO 17632-B T49 2 T1-1CA H4					
WELDING TECHNOLOGY							AWS A5.20 E71T-1C/M H4					
							AWS A5.36 E71T1-M21/C1A2-CS1-H4					
TRADE MARK:							DIN EN ISO 17632-A-T 42 2 P C 1 H4					
XCEL							APPROVED BY:					
							DB TÜV- under gas C1 DIN EN439					
PRODUCT: Mild Steel Flux Cored Wires							CCS(3YSH15 under gas C1) LR(3YSH15 under gas C1) DNV.GL(III YMSH10 under gas C1)					
						Welding P	osition: P	A, PB, PC,	PD, PE, I	PF,PG DIN EN ISO	6947	
PART NO. BATCH NO.		DIA./PACK			ET WEIGHT				MFG. DATE			
WT-XFC72H41215	24-0638		1.2mm*15KG		8640		KGS		A	ug 16TH, 2024		
WT-XFC72H41615	24-0030		1.6mm*15KG		2160		KGS				ug 16TH, 2024	
CHEMICAL COM	POSITION	OF DEPO	SITED ME	TAL						ACUTAL VALUE	ES ACC. EN10204 3.	
	С	Si	Mn	Р	s	Ni	Cr	Мо	V			
REQUIREMENT	≤0.18	≤0.90	≤2.0	≤0.03	≤0.03	≤0.5	≤0.2	±0.3	v ≤0.08			
BATCH NO	20.10	20.30	22.0	20.03	20.03	20.5	20.2	20.0	20.00			
24-0638	0.06	0.33	1.42	0.011	0.0080	0.01	0.02	0.005	0.01			
24-0639	0.07	0.35	1.37	0.012	0.0110	0.005	0.008	0.004	0.01			
2.000						0.000	0.000	0.001	0.0 .			
MECHANICAL P	ROPERTIE	S OF DEP	OSITED M	ETAL								
	TENSILE STRENGTH YIELD STRENGTH ELO					GATION IMPACT VALUE			X-RAY TEST	BEND TEST		
	TENCH E C	TDENCTH	YIELD STRENGTH (MPa)		EL ONG	ATION						
STANDARDS	TENSILE S				ELONG (%			PACT VAL (J @ -20℃		A-RAT IEST	Face/Back/Side	
STANDARDS		Pa)		Pa)		(a)				I	Face/Back/Side	
STANDARDS BATCH NO.	(MI	Pa)	(MF	Pa)	(%	(a)		(J @ -20°0				
BATCH NO.	(MI 490-	Pa) -670	(MF ≥4	Pa) 00	(% ≥2	22	((J @ -20°(≥54	c)	I	ОК	
BATCH NO. 23-0114	(MI 490- 56	Pa) -670	(MF ≥4/ 49	Pa) 00 02	(% ≥2 26	.5	120	(J @ -20 °(≥54 118	125		ок	
BATCH NO. 23-0114 23-0114	(MI 490- 56	Pa) -670 64 60	(MF ≥4 49 48	Pa) 00 02 35	(% ≥2	.5	((J @ -20 °(≥54 118 119	125 120	I I I	ОК	
BATCH NO. 23-0114 23-0114 REPORTED STRENC	(MI 490- 56 57H VALUES	Pa) -670 -64 -60 	(MF ≥4/ 49 48 TICAL DATA	Pa) 00 02 35	(% ≥2 26	.5	120	(J @ -20 °(≥54 118 119	125 120 FUSIBLE CON	I I I HYDROGEN FENT	ок	
BATCH NO. 23-0114 23-0114 REPORTED STRENG FROM ROUTINE TES	(MI 490- 56 56 3TH VALUES STING OF TH	Pa) -670 -64 -60 -60 ARE STATIS 	(MF 24) 49 48 TICAL DATA JESTION.	2a) 00 02 35 DERIVED	(% ≥2 26 2	.5 .5 7	120 116	(J @ -20°(≥54 118 119 DIFF	125 120 FUSIBLE CON' (ml/1	I I I HYDROGEN FENT 00g)	ОК ОК ОК 3.84	
BATCH NO. 23-0114 23-0114	(MI 490- 56 5TH VALUES STING OF TH	Pa) 670 64 60 6 ARE STATIS IE ITEM IN QU	(MF 24) 49 48 TICAL DATA JESTION.	2a) 00 02 35 DERIVED	(% ≥2 26 2	.5 .5 7	120 116	(J @ -20°(≥54 118 119 DIFF	125 120 FUSIBLE CON' (ml/1	I I I HYDROGEN FENT 00g)	ок ок ок 3.84	
BATCH NO. 23-0114 23-0114 REPORTED STRENG FROM ROUTINE TES THIS IS TO CERTIFY CLAUSE 6.3.1.1 OF A	(MI 490- 56 56 STH VALUES STING OF TH 7 THAT ABOV AWS D1.8/D1	Pa) 64 60 6 ARE STATIS IE ITEM IN QU /E LISTED PR 1.8M: 2005	(MF 24) 48 TICAL DATA JESTION. RODUCTS WE	Pa) 00 02 35 DERIVED ERE MANUF	(% ≥2 26 2° ACTURERED	6) 22 .5 7	120 116 THE CLAS	(J @ -20°C ≥54 118 119 DIFF	125 120 FUSIBLE CON' (ml/1	I I HYDROGEN FENT 00g) T OF AWS A5.01	OK OK OK 3.84 AS REQUIRED BY	
BATCH NO. 23-0114 23-0114 REPORTED STRENG FROM ROUTINE TES	(MI 490- 56 56 STH VALUES STING OF TH 7 THAT ABOV AWS D1.8/D1	Pa) 64 60 6 ARE STATIS IE ITEM IN QU /E LISTED PR 1.8M: 2005	(MF 24) 48 TICAL DATA JESTION. RODUCTS WE	Pa) 00 02 35 DERIVED ERE MANUF	(% ≥2 26 2° ACTURERED	6) 22 .5 7	120 116 THE CLAS	(J @ -20°C ≥54 118 119 DIFF	125 120 FUSIBLE CON' (ml/1	I I HYDROGEN FENT 00g) T OF AWS A5.01	OK OK OK 3.84 AS REQUIRED BY	
BATCH NO. 23-0114 23-0114 REPORTED STRENG FROM ROUTINE TES THIS IS TO CERTIFY CLAUSE 6.3.1.1 OF A THIS PRODUCT SAT	(MI 490- 56 56 GTH VALUES STING OF TH 7 THAT ABOV AWS D1.8/D1	Pa) 64 60 6 ARE STATIS IE ITEM IN QU /E LISTED PR 1.8M: 2005	(MF 24) 49 48 TICAL DATA JESTION. RODUCTS WE	Pa) 00 02 05 DERIVED ERE MANUF	(% ≥2 26 2° ACTURERED 2005, ANNEX	6) 62 .5 7 TO MEET 1	120 116 THE CLAS	(J @ -20°C ≥54 118 119 DIFF S T4 REQ	125 120 FUSIBLE CON' (ml/1	I I HYDROGEN FENT 00g) T OF AWS A5.01	OK OK OK 3.84 AS REQUIRED BY	
BATCH NO. 23-0114 23-0114 REPORTED STRENG FROM ROUTINE TES THIS IS TO CERTIFY CLAUSE 6.3.1.1 OF A	(MI 490- 56 56 STH VALUES STING OF TH THAT ABOV AWS D1.8/D1	Pa) 64 60 6 ARE STATIS IE ITEM IN QU /E LISTED PR 1.8M: 2005 REQUIREME	(MF 24) 49 48 TICAL DATA JESTION. RODUCTS WE	Pa) 00 02 05 DERIVED ERE MANUF	(% ≥2 26 2° ACTURERED 2005, ANNEX	6) 62 .5 7 TO MEET 1	120 116 THE CLAS	(J @ -20°C ≥54 118 119 DIFF S T4 REQ	125 120 FUSIBLE CON' (ml/1	I I HYDROGEN FENT 00g) T OF AWS A5.01	OK OK OK 3.84 AS REQUIRED BY	