

ORIGINAL

CERTIFIED MATERIAL REPORT

CMR No. : HWK-2021-017

Date of Issue : 2021-03-05

Customer		LASCENTRUM NORGE(M BINDT NORWAY)							
Trade Name		SC-70A			Size.		1.2mm x 15Kg		
Lot No.		MF21615B0			Purchaser's Order No.		447964		
Applicable Specification		AWS A5.18 E70C-3C/-6M * According to EN 10204-2004 : 3.1 EN ISO 17632-A T 46 3 M M21 1 H5							
Welding Current	DECP	Shielding Gas		80%Ar+20%CO ₂		Post Weld Heat Treatment (°C×hr.)		As Welded	
Mechanical Properties	Tensile Test				Impact Test (CVN - Joule)				
	YS (N/mm ²)	TS (N/mm ²)	EL (%)	Temp. (°C)	X ₁	X ₂	X ₃	Ave.	
	492	571	28.2	-30	66	62	65	64	
Spec.	≥400	490~660	≥22	≥27					
Chemical Composition (%) (Weld Metal)	C	Si	Mn	P	S	Ni	Cr	Mo	V
	0.045	0.46	1.48	0.013	0.008	0.032	0.036	0.003	0.006
Spec.	≤0.12	≤0.90	≤1.75	≤0.030	≤0.030	≤0.50	≤0.20	≤0.30	≤0.08

Others

* Q'ty: 1,080kg

We hereby certifies that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.

Approved by



QA Manager Liu, Yi.



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