



Certificate No. : PL721310



Date: 13-Jun-07

Consignee

Buyer

Part No.	Description	Quantity	Lot No.
1071000N00	OK Flux 10.71 25 kg bags EXPORT		PL721310
Test Requirements :			

Flux & Weld Metal Analysis

Density & Moisture

Flux Analysis (%)	SiO ₂	Al ₂ O ₃	CaF ₂	MgO	FeO	MnO	TiO ₂	Bulk Density
		19.9	25.0	16.8	26.0	2.0	6.1	1.0
All Weld Metal Analysis (with OK Autrod 12.22)	C	Mn	Si	P	S	Al		Moisture, 1000°C
	0.06	1.49	0.48	0.022	0.013	0.01		0.02 %
Welding Parameters: DC+ 580 A 29 V 33 m/h								

Weld Metal Mechanical Properties

All Weld Metal Specimen (with OK Autrod 12.22)	Re L/0.2 N / mm ²	Rm N / mm ²	A5 %	Impact Toughness Joule at °C
		425	520	24

Flux Sieve Analysis

Sieve mesh, mm	1.60	1.40	1.00	0.50	0.25
% retained on sieve	1	7	33	90	100

Wire / Flux combination classified according to AWS A5.17

OK Flux 10.71 / OK Autrod 12.22: F7A5-EM12K

This Certificate is issued according to EN 10204 3.1

PT. KARYA YASANTARA CAKTI

Harry Hartawan
QA/QC Manager*This is a computer generated document.
No signature needed.***An ESAB Group Company**

P.T Karya Yasantara Cakti

Kawasan Industri Kota Bukit Indah Blok All No. 4 Purwakarta ; Jawa Barat – INDONESIA

Phone: +62 264 351178

Fax: +62 264 351179