

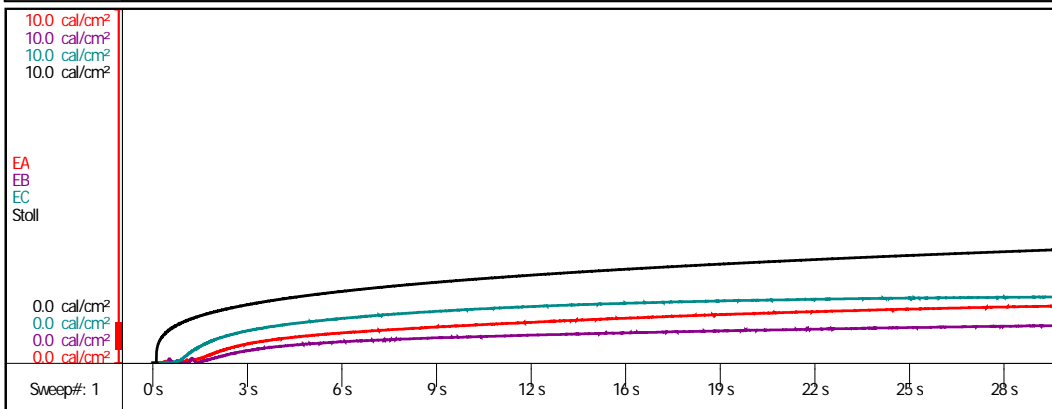
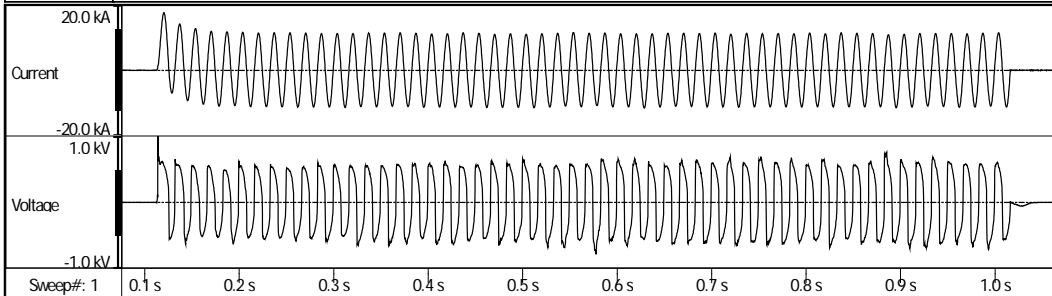
# High Current Lab

Kinectrics Inc  
800 Kipling Ave  
Toronto, Ontario



Record #	K-418707-4840		
Project #	K-418707	Client:	ArcWear.com

Standard:	ASTM F1959/F1959M-12 Standard Test Method for Determining the Arc Rating of Materials for Clothing
Var. to Std:	None
Fabric	A: Rykneld Tean Ltd, Webbing, Style R2296025001, Protex/Aramid, 25mm, Black, Antistatic
	ArcWear# 1407Ps36
	B: Rykneld Tean Ltd, Webbing, Style R2295045001, Protex/Aramid, 45mm, Black, Antistatic
	ArcWear# 1407Ps35
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Current Total RMS	8.085 kA	Panel A:	Panel B:	Panel C:
Current Peak	17.82 kA	Ei = 39.1 cal/cm <sup>2</sup>	Ei = 40.6 cal/cm <sup>2</sup>	Ei = 43.4 cal/cm <sup>2</sup>
Arc Voltage	493.0 V	SCD = -1.1 cal/cm <sup>2</sup>	SCD = -1.12 cal/cm <sup>2</sup>	SCD = -0.73 cal/cm <sup>2</sup>
Duration (cycles)	54.15 cycles	HAF = 95.9 %	HAF = 97.4 %	HAF = 95.7 %
Duration (time)	902.2 ms			
Arc Energy	3.313 MJ	Date (mm/dd/yyyy)	01/08/2014	