



Exposure Summary

Exposure Name	E_20150609_1688	System identification	Meyrin
Operator	Mazzolini, Marco	Manikin Serial	Meyrin 20141031
Date and Time	09-Jun-15 04:17:30 PM	Sample rate	10 Hz
Exposure Time	4 s	Pretrigger	1 scans
Acquisition time	60 s	Exposure Type	Fire fighters
Reference Heat Flux	2.04 cal/cm ² s		
Customer	Sofileta (Mavisa Slo)		
Requesting Person			
Video File			
Objective			

Garment Details

Garment type	Jacket and Trousers	Conditioning type	no
Material	Nomex® Comfort	Conditioning time	0
Nominal weight	220.0 g/m ²	Undergarments	long cotton underwear
Size			
Number of layers	1		
Number of launderings	new		
Manufacturer	WANDER d.o.o.		
Source	Sofileta (Mavisa Slo)		
Description	Jacket and Trousers station uniforms made of Nomex® Comfort 220 g/m ² (1100GA000) piece dyed, with long underwear made of Cotton 200 g/m ²		

Predicted Burn Injury

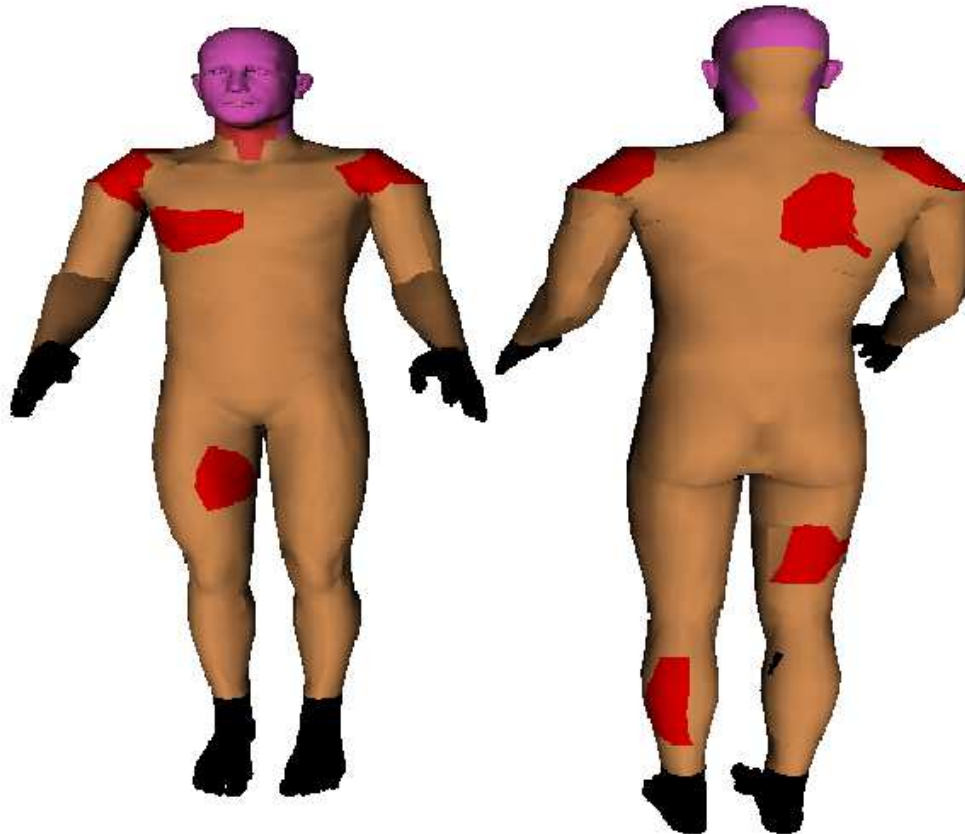
2nd Degree Burn Injury	6.6 %
3rd Degree Burn Injury	4.9 %
Total Burn Injury	11.5 %
Total Transferred Energy	1297.5 J/cm ²

Post test Comments

Afterflame	4.40 s	Breakopen	No
Smoke generation	medium	Char Characteristics	brittle
Melting Dripping Garments	none	Undergarment Condition	not affected
Odor	light	Deposits on Manikin	none
		Unusual Behavior	
Comments			



Predicted Burn Injury 4 Second Exposure (8.0 cal/cm²)



3rd Degree Burn Injury



4.9 %

Unprotected

2nd Degree Burn Injury



6.6 %

Unprotected

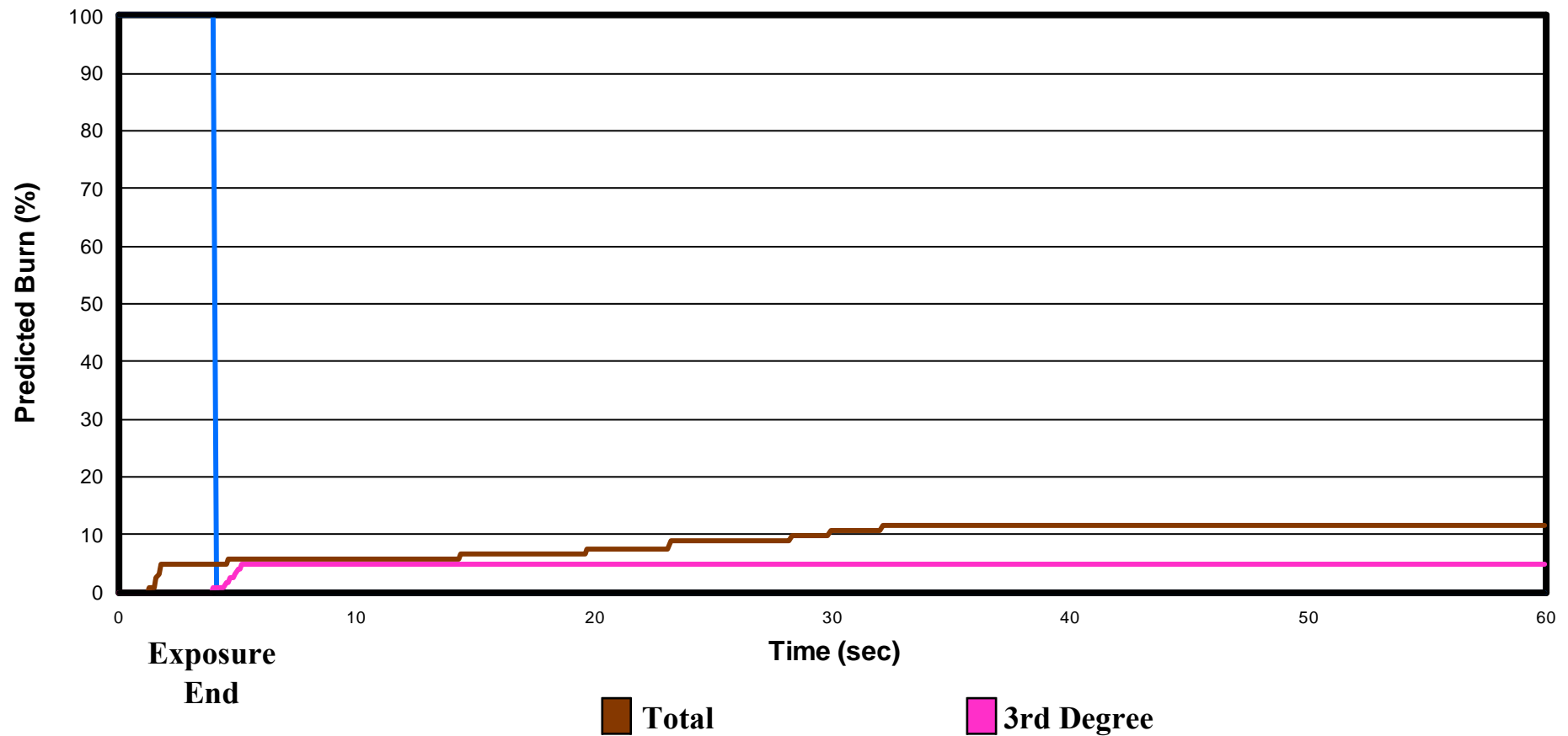


No Information

Total Burn Injury 11.5 %



Predicted Burn Injury vs Time 4 Second Exposure (8.0 cal/cm²)





Predicted Burn Injury Survival Test Data

Derived from American Burn Association, National Burn Repository[®] 2011. Version 7.0

11.5 % predicted burn

