HEAT STRESS INDEX													
Relative Humidity													
Т		10%	20%	30%	40%	50%	60%	70%	80%	90%			
E	104	98	104	110	120	132							
М	102	97	101	108	117	125							
Р	100	95	99	105	110	120	132						
Е	98	93	97	101	106	110	125						
R	96	91	95	98	104	108	120	128					
А	94	89	93	95	100	105	111	122					
Т	92	87	90	92	96	100	106	115	122				
U	90	85	88	90	92	96	100	106	114	122			
R	88	82	86	87	89	93	95	100	106	115			
E	86	80	84	85	87	90	92	96	100	109			
	84	78	81	83	85	86	89	91	95	99			
F	82	77	79	80	81	84	86	89	91	95			
	80	75	77	78	79	81	83	85	86	89			
	78	72	75	77	78	79	80	81	83	85			
	76	70	72	75	76	77	77	77	78	79			
	74	68	70	73	74	75	75	75	76	77			

Note: Add 10F when protective clothing is worn and add 10F when in direct sunlight.

Humidity Index F	Danger	Injury or Threat				
	Category					
Below 60 F	None	Little or no danger under normal circumstances				
80 – 90 F	Caution	Fatigue possible if exposure is prolonged and there is physical activity				
90 – 105 F	Extreme	Heat cramps and heat exhaustion possible if exposure				
	Caution	is prolonged and there is physical activity				
105 – 130 F	Danger	Heat cramps or exhaustion likely, heat stroke possible if exposure is prolonged and there is physical activity				
Above 130 F	Extreme	Heat Stroke Imminent!!				
	Danger					

	WIND CHILL INDEX														
						Tempe	rature	Degrees Fahrenheit							
		45	40	35	30	25	20	15	10	5	0	-5	-10	-15	
W	5	43	37	32	27	22	16	11	6	0	-5	-10	-15	-21	
I	10	34	28	22	16	10	3	-3	-9	-15	-22	-27	-34	-40	
Ν	15	29	23	16	9	2	-5	-11	-18	-25	-31	-38	-45	-51	
D	20	26	19	12	4	-3	-10	-17	-24	-31	-39	-46	-53	-60	
S	25	23	16	8	1	-7	-15	-22	-29	-36	-44	-51	-59	-66	
Р	30	21	13	6	-2	-10	-18	-25	-33	-41	-49	-56	-64	-71	
Е	35	20	12	4	-4	-12	-20	-27	-35	-43	-52	-58	-67	-75	
Е	40	19	11	3	-5	-13	-21	-29	-37	-45	-53	-60	-69	-76	
D	45	18	10	2	-6	-14	-22	-30	-38	-46	-54	-62	-70	-78	

MEDICAL ASSESSMENT CRITERIA

MENTAL STATUS:

• Alert and oriented on arrival at rehab

If any alteration in mental status – <u>Provide Immediate Assessment, contact Medical Control and consider</u> additional medical evaluation and/or transport

HEART RATE:

- < 110 BPM = Within normal limits
- > 100 BPM = Close monitoring required by medical personnel after 20 minutes

Normal = < 100 BPM 10 minutes after arrival in Rehab

SKIN CONDITION:

- May be somewhat flushed on arrival. Should be improved five minutes after arrival in Rehab.
- If skin remains flushed or is unusually dry, monitor patient for signs of heat stress/stroke.

BLOOD PRESSURE:

- Systolic Pressure < 150 and Diastolic Pressure < 100
- Systolic Pressure > 160 and Diastolic Pressure ≥ 100 = Close monitoring by medical personnel

Normal: Systolic Pressure < 140 and Diastolic Pressure < 90 ten minutes after arrival in Rehab

Abnormal: Systolic Pressure >160 or Diastolic > 100 after 20 minutes in Rehab – Contact Medical Control and consider additional medical evaluation and/or transport

RESPIRATIONS:

- < 26 = Within normal limits
- < 20 = Five minutes after arrival in Rehab

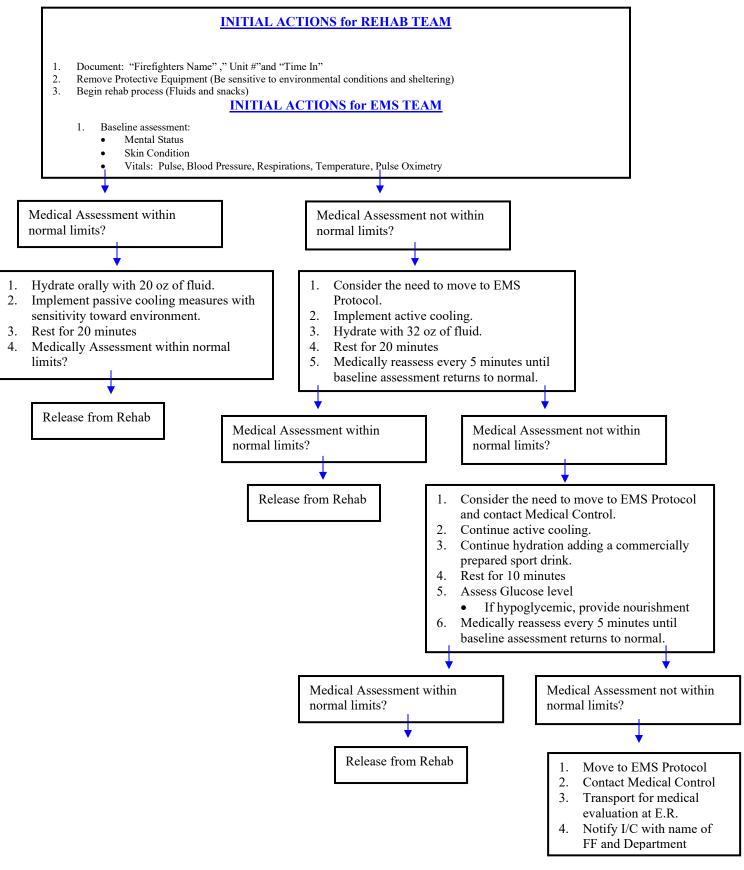
Abnormal: ≥ 26 after 10 minutes in Rehab

TEMPERATURE:

- < 100.6 = Within normal limits
- > 100.6 up to 100.9 = Close monitoring and cooling required by medical personnel

> 101 = Provide cooling, contact Medical Control and strongly consider possible Transport

REHAB FLOW CHART



Personnel returning for second round of rehab should be hydrated with sports drink and provided nourishment.

PACIFIC FIRE PROTECTION DISTRICT Incident Rehab

Incident Location _____

Company Level Check In/Out Document

Incident Date _____

Rehab Officer _____

Dept	Unit #	Crew Size	Time In	Time Out	Dept	Unit #	Crew Size	Time In	Time Out
				Out		11	5120		Out

PACIFIC FIRE PROTECTION DISTRICT

Incident Rehab - Individual Rehabilitation Report

Incident Location _____ Date ____ Time ____ Rehab Officer _____

Name/Unit #	Time In/Out	# SCBA Cylinders	Exam Period	BP	Pulse	Resp	SAO2	Temp	Skin	COOLING / HEATING	HYDRATION / NOURISHMENT	MEDICAL COMPLAINTS	Trans. Y / N
	in out		INITIAL										
			10 Min.										
			20 Min.									(Glucose)	
			30 Min.									(Glucose)	
			INITIAL									·/	-
			10 Min.										
			20 Min.									(Glucose)	
			30 Min.									(Glucose)	
			INITIAL										
			10 Min.										
			20 Min.									(Glucose)	
			30 Min.									(Glucose)	
			INITIAL										
			10 Min.										
			20 Min.									(Glucose)	
			30 Min.									(Glucose)	
			INITIAL										
			10 Min.										
			20 Min.									(Glucose)	
			30 Min.									(Glucose)	