

2009

39th Annual Ontario Open First Aid Competition

“Warehouse” TEAM SCENARIO

It is May 2nd and your team is providing first aid support to the Western Fair.

There will be a 3 minute warning to the judges to signify the end of the primary survey.
There will also be a 2 minute left signal for the team’s benefit.

Background Scenario *(NOT TO BE SHARED WITH COMPETITORS)*

Two Fairground staff members were working with an improvised pulley and heavy gauge tarp to move some heavy objects.

One of the workers felt something in his left eye and momentarily let go of his grip on the rope causing the tarp and boxes / bales to fall onto his coworker who was guiding the load from underneath. He tried to grab the rope to stop the falling heavy load and sustained rope burns to his right hand and a dislocation of his right shoulder.

The worker who was under the load has several blunt force injuries and is initially trapped under the load with only his arm (up to the axilla) exposed.

When the team arrives there are no bystanders around. Luckily, there is a First Aid Kit in plain view on a wall in the immediate area.

INJURIES / PROMPTS

Casualty A (standing upright in area of the fallen tarp)

- Conscious and breathing
- Casualty is holding his left hand cupped over his left eye
- Scratch to eyeball – feels like something is there even though nothing is visible
- First Degree (superficial) burns to palmar surface of right hands
- His right arm (dislocated) hangs limp at his side and he is staggering around - dislocated right shoulder
- Shock and Upset
- Casualty is staggering around the scene
- He is in pain from his hand and shoulder
- He has one eye closed – feels like there is something there – but nothing visible
- He will stop staggering and answer questions when **confronted directly**.
- He is concerned for his friend but does not know any details about him except his name

Casualty B (laying on ground covered by tarp and cargo with only an arm exposed)

- Conscious and breathing
- You can hear the team but cannot speak to them clearly (muffled only) until the tarp is off
- Before that point – you respond with thumbs up / thumbs down
- You remember what happened and you don’t remember hitting your head
- You have a bleeding nose, fractured right ankle (swelling and bruising) and will have a seizure at the two minute remaining mark and seize for 1 minute

PROPS

- 6 First Aid kit #2 (Provided) ; **plus all necessary replacement stock x 4 (including 2 boxes of Gloves in Medium & Large, as well as lots of extra 3X3s, and 3” roller gauze)**
- 6 Pulleys + 6 wireties
- 6 Coils of rope
- 18 Cardboard Boxes or Bales or other “cargo”
- 60 Casualty care records.

JUDGES' PROMPTS

Casualty A

S – “burning feeling” on right hand; pain in right shoulder and can’t move right arm without severe pain; feeling like something is scratching his left eye.

A - Hay (just for irony !)

M – Reactine – takes for hay allergy, last took this morning with breakfast

P – none, healthy

L – breakfast

E – lifted load, something fell into eye, dropped rope and then tried to grab rope and load

	1st Set	Post treatment	Further sets
Respirations	20 shallow, Reg	16 full, regular	same
Pulse	110 weak/regular	100 strong/regular	85 strong / regular
Skin	Pink / Warm / Dry	Pink / Warm / Dry	same
Pupils	3 mm reactive	3 mm reactive	same
LOC	Conscious	Conscious	same

Casualty B (buried under tarp and cargo)

S – mild headache

A – none

M – seizure once before 2 years ago, etiology unknown

P- none

L- 1 hour ago

E- was guiding load, heard partner scream, tried to run but load came down on nose and face and fell back onto buttocks

	1st Set	2nd Set	Further Sets (if in seizure)
Respirations	20 shallow, reg	20 shallow, reg	22 shallow, gasps
Pulse	115 weak/regular	80 full/regular	60 weak, regular
Skin	Pale/Sweaty/Cool	Pale/Sweaty/Cool	same
Pupils	3 mm reactive	5 mm reactive	same
LOC	Conscious	Conscious	seizure

2009 39th Annual Ontario Open First Aid Competition

“Warehouse” TEAM SCENARIO

TEAM Information

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Names _____

Page 4, Scene and Primary Survey		Sub-Total	_____
	(Possible 400)		
Page 5, Secondary & Treatment Casualty A		Sub-Total	_____
	(Possible 280)		
Page 6, Recording - Casualty A		Sub-Total	_____
	(Possible 135)		
Page 7, Secondary Survey - Casualty B		Sub-Total	_____
	(Possible 330)		
Page 8, Treatment - Casualty B		Sub-Total	_____
	(Possible 110)		
Page 9, Recording - Casualty B		Sub-Total	_____
	(Possible 130)		

<p>Total Points Awarded Primary + Secondary Total (Possible 1385)</p>	
---	--

SCENE / PRIMARY SURVEY: This section is active for the first 3 minutes of the scenario only. During these first 3 minutes, the competitor may perform the actions that are both listed here and in the Secondary Survey. After the 3 minutes, the competitor is eligible to receive marks only in the Secondary Survey and no marks may be awarded in this Primary Survey. <i>Actions in this section may be done in any order.</i> <i>The Tarp will come off the patient at the two minute mark – the tarp-lifting rescuers will be occupied for the rest of the problem keeping the tarp up and will not be able to assist elsewhere in the problem !</i>		A/S	P O I N T S	N O T D O N E
1.1	Did First Aiders take charge of the situation? (<i>ie lead the rescue – encourage or direct bystanders to pull back tarp</i>)	S	20	0
1.2	Did First Aiders I.D. themselves? <i>Both for points</i>	A/S	20	0
1.3	Did First Aiders call for additional help ?	A	20	0
1.4	Did First Aiders obtain consent to help? <i>Both for points</i>	A/S	20	0
1.5	Were hazards assessed ? (<i>team should remove hazards SAFELY</i>)	A	20	0
1.6	Did First Aiders put on protective gloves? <i>Both for points</i>	A	20	0
1.7	Did First Aiders determine if there are other casualties? <i>None</i>	S	20	0
1.8	Did First Aiders attempt to activate 911?	S	20	0
1.9	Did First Aiders assess responsiveness – Casualty A? (<i>casualty is conscious, alert</i>)	A/S	20	0
1.10	Did First Aiders assess airway? – Casualty A (<i>clear</i>)	A/S	20	0
1.11	Did First Aiders assess breathing– Casualty A? (<i>20 shallow, reg</i>)	A	20	0
1.12	Did First Aiders assess circulation – skin condition & temperature – Casualty A? (<i>present; 110 regular & weak; pink, warm & dry</i>)	A	20	0
1.13	Did First Aiders perform a rapid body survey– Casualty A (<i>no severe bleeds</i>)	A	20	0
1.14	Did First Aiders assess responsiveness – Casualty B? (<i>ask them to move hand, hand moves, give a signal etc ..</i>)	A/S	20	0
1.15	Did First Aiders assess airway <i>somehow</i> – Casualty B (<i>ie. Can you speak ?? ask and answer via signal</i>)	A/S	20	0
1.16	Did First Aiders assess breathing <i>somehow</i> – Casualty B? (<i>ie. Can you breathe all right ?? and answer via signal</i>)	A	20	0
1.17	Did First Aiders assess circulation – skin condition & temperature – Casualty B? (<i>present; 100 regular & strong</i>) (<i>skin is warm, pale & sweaty</i>)	A	20	0
1.18	Did First Aider perform a rapid body (ie not just arm) survey– Casualty B once the tarp is removed?	A	20	0
1.19	Did First Aider direct Casualty A to sit down / stay put ?	S	20	0
1.20	Did First Aider direct Casualty B not to move under tarp ?	S	20	0
PAGE 4 SUB-TOTAL POINTS AWARDED				
PRIMARY SURVEY (Possible 400)				

CASUALTY #A

SECONDARY SURVEY: Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey . After the 3 first minutes, this is the only section that points shall be awarded to. <i>Actions in this section may be done in any order.</i>		A/S	P O I N T S	N O T D O N E
2.1	HISTORY Did the First Aiders ask the casualty what happened? <i>(pulling on rope, something in eye, let go then grabbed rope)</i>	S	10	0
2.2	Did the First Aiders ask if casualty has any allergies? <i>(hay)</i>	S	10	0
2.3	Did First Aider ask if they used any medications? <i>(Reactine)</i>	S	10	0
2.4	Did First Aiders ask if he had any medical problems? <i>(none)</i>	S	10	0
2.5	Did the First Aiders ask if casualty had eaten? <i>(Yes, breakfast)</i>	S	10	0
3.0	VITAL SIGNS			
3.1	Did First Aiders acknowledge Casualty was still conscious?	A	10	0
3.2.	Did First Aiders assess Respirations? <i>(20 shallow, reg)</i>	A	10	0
3.3	Did First Aiders assess Pulse? <i>(110 weak, regular)</i>	A	10	0
3.4	Did First Aiders assess Skin Condition and temperature? <i>(pink, warm, and dry)</i>	A/S	10	0
4.0	HEAD TO TOE ASSESSMENT			
4.1	Was patient assessed for further injuries? <i>(assessment can be a secondary survey or appropriate/focused questions)</i>	A/S	20	0
5.0	SHOCK TREATMENT			
5.1	Was casualty reassured?	S	10	0
5.2	Was casualty reassured more than once?	S	10	0
5.3	Was casualty covered with something ?	S	10	0
	TREATMENT OF BURNS	S	10	0
5.4	Was burns to right hand recognized ?			
5.5	Was burn to right hand wrapped in clean gauze?	A	10	0
	TREATMENT OF EYE	S	10	0
5.6	Did First Aider examine affected eye for foreign bodies ?			
5.7	Did First Aider ask patient to pull eyelid down and over to help dislodge foreign body ?	S	10	0
5.8	Did First Aider have casualty keep eye closed and apply a dressing over the eye ?	A	10	0
	TREATMENT OF ARM	A	10	0
5.9	Was casualty's dislocated arm recognized ?			
5.10	Was the casualty asked to hold the arm in a position of comfort?	S	10	0
5.11	Was the arm immobilized against the body ?	S	10	0
5.12	Was padding applied between the arm and chest ?	S	10	0
5.13	Was distal circulation checked before and after immobilization ?	S	10	0
	FOLLOW UP VITAL SIGNS			
5.14	Did First Aiders reassess Level of Consciousness? <i>(conscious)</i>	S	10	0
5.15	Did First Aiders reassess Respirations? <i>(16, full & regular)</i>	S	10	0
5.16	Did First Aiders reassess Pulse? <i>(100 strong, regular)</i>	S	10	0
5.17	Did First Aiders reassess Skin Condition and temperature? <i>(pink, warm and dry)</i>	S	10	0
PAGE 5 SUB-TOTAL POINTS AWARDED				
CASUALTY A - SECONDARY / TREATMENT (Possible 280)				

CASUALTY #A				
6.0	RECORDING			
6.1	Was the date and time recorded?	A	5	0
6.2	Was the Casualty's information recorded?	A	5	0
6.3	Was the First Aiders information recorded?	A	5	0
6.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.7	Was the initial Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.8	Was incident history recorded? <i>(was working, something in eye ...)</i>	A	5	0
6.9	Was the Casualty's allergy recorded? (hay)	A	5	0
6.10	Was Casualty's history of no medical problems recorded ?	A	5	0
6.11	Was Casualty's medication (Reactine) recorded ?	A	5	0
6.12	Did the First Aiders record that Casualty ate earlier today?	A	5	0
6.13	Was the treatment of the eye injury recorded ?	A	5	0
6.14	Was the Casualty's burn recorded?	A	5	0
6.15	Were the burns recorded as "first degree / rope burns / superficial " ?	A	5	0
6.16	Was treatment of burns recorded?	A	5	0
6.17	Was treatment of shoulder dislocation recorded ?	A	5	0
6.18	Was treatment for shock recorded? <i>(ie. Reassurance, blanket use, coaching)</i>	A	5	0
6.19	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.20	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.21	Was the reassessed Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.22	Was the reassessed Skin Temperature recorded with time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.23	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.0	PERSONAL PROTECTIVE EQUIPMENT & SAFETY			
7.1	Did First Aiders work carefully around tarp and cargo in a safe manner ?	A	10	0
7.2	Were nitrile / vinyl gloves effective? <i>(Judges Note: torn gloves must be replaced.)</i>	A	10	0
PAGE 6 SUB-TOTAL POINTS AWARDED				
Casualty A – Recording		(Possible 135)		

CASUALTY #B

SECONDARY SURVEY: Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey . After the 3 first minutes, this is the only section that points shall be awarded to. <i>Actions in this section may be done in any order.</i>		A/S	P O I N T S	N O T D O N E
8.0	HISTORY			
8.1	Did the First Aiders ask the casualty what happened? <i>(was guiding load from the bottom when it came crashing down on me)</i>	S	10	0
8.2	Did the First Aiders tell Casualty B not to move ?	A	10	0
8.3	Did First Aiders ask if he had any medical problems? <i>(seizure 2 years ago)</i>	S	10	0
8.4	Did the First Aiders ask if casualty had eaten? <i>(Yes, 1hr ago)</i>	S	10	0
9.0	VITAL SIGNS			
9.1	Did First Aiders acknowledge Casualty was still conscious?	A	10	0
9.2.	Did First Aiders assess Respirations? <i>(20 shallow, regular)</i>	A	10	0
9.3	Did First Aiders assess Pulse? <i>(116 weak, regular)</i>	A	10	0
9.4	Did First Aiders assess Skin Condition & temperature? <i>(pale, sweaty, cool)</i>	A/S	10	0
10.0	HEAD TO TOE ASSESSMENT			
10.1	Check head and scalp? <i>(no deformities)</i>	A	10	0
10.2	Check eyes? <i>(pupils per judges notes)</i>	A	10	0
10.3	Check nose? <i>(freely bleeding nose – one nare)</i>	A	10	0
10.4	Check mouth? <i>(mouth is clear)</i>	A	10	0
10.5	Check jaw? <i>(no deformity)</i>	A	10	0
10.6	Check ears? <i>(ears clear – no fluid)</i>	A	10	0
10.7	Check neck? <i>(no deformity)</i>	A	10	0
10.8	Check collarbones? <i>(no deformity)</i>	A	10	0
10.9	Check shoulders? <i>(no deformity)</i>	A	10	0
10.10	Check Right arm/hand? <i>(no deformity)</i>	A	10	0
10.11	Check Left arm/hand? <i>(no deformity)</i>	A	10	0
10.12	Check chest ? <i>(no deformity)</i>	A	10	0
10.13	Check abdomen ? <i>(clear)</i>	A	10	0
10.14	Check back ? <i>(no deformity)</i>	A	10	0
10.15	Check pelvis ? <i>(no deformity)</i>	A	10	0
10.16	Check right leg ? <i>(no deformity)</i>	A	10	0
10.17	Check right ankle and foot ? <i>(swollen, cant move, circulation and sensation intact)</i>	A	10	0
10.18	Check left leg? <i>(no deformity)</i>	A	10	0
10.19	Check left ankle and foot? <i>(no deformity)</i>	A	10	0
11.0	SHOCK			
11.1	Was casualty reassured?	S	10	0
11.2	Was casualty covered with something ?	S	10	0
11.3	Did First Aiders reassess Level of Consciousness <i>(conscious)</i>	S	10	0
11.4	Did First Aiders reassess Respirations? <i>(20, shallow, regular)</i>	S	10	0
11.5	Did First Aiders reassess Pulse? <i>(80 Full, regular)</i>	S	10	0
11.6	Did First Aiders reassess Skin Condition & Temp? <i>(no change)</i>	S	10	0
PAGE 7 SUB-TOTAL POINTS AWARDED				
Casualty B - SECONDARY SURVEY		(Possible 330)		

CASUALTY #B				
12.0	Treatment of Nosebleed			
12.1	Was gauze placed under the nose and pressure applied to the bridge of the nose?	A	10	0
12.2	Was patient directed to breathe through mouth ?	A	10	0
12.3	Was patient directed not to blow nose ?	S	10	0
13.0	Treatment of Fractured Ankle:			
13.1	Was the limb steadied and supported?	A	10	0
13.2	Was immobilization of the limb attempted?	A	10	0
13.3	Was the circulation checked pre and post? <i>Both for Points</i>	A	10	0
13.4	Was the sensation checked pre and post? <i>Both for Points</i>	A	10	0
14.0	Treatment of Seizure			
14.1	Was patient prevented from sustaining injury ?	A	10	0
14.2	Was patient spoken to during the seizure ?	A	10	0
14.3	Was the seizure timed by the first aiders?	A	10	0
	Post Seizure:			
14.4	Were ABC's reassessed after the seizure stops ?	A	10	0
PAGE 8 SUB-TOTAL POINTS AWARDED				
Treatment Casualty B			(Possible 110)	

CASUALTY #B				
15.0	RECORDING			
15.1	Was the date and time recorded?	A	5	0
15.2	Was the Casualty's information recorded?	A	5	0
15.3	Was the First Aiders information recorded?	A	5	0
15.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.7	Was the initial Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.8	Was the initial Skin Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.9	Was incident history recorded? <i>(was working, had heavy load fall on him)</i>	A	5	0
15.10	Was the casualty's lack of allergies recorded ?	A	5	0
15.11	Was Casualty's medical history recorded? <i>(seizure 2 years ago)</i>	A	5	0
15.12	Did First Aiders record that the Casualty had eaten earlier today?	A	5	0
15.13	Was treatment for shock recorded?	A	5	0
15.14	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.15	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.16	Was the reassessed Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.17	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.18	Was the nosebleed recorded?	A	5	0
15.19	Was the treatment for the nosebleed recorded ?	A	5	0
15.20	Was fractured ankle recorded?	A	5	0
15.21	Was the treatment for the fractured ankle recorded ?	A	5	0
15.22	Was the circulation Before & After bandaging the ankle recorded?	A	5	0
15.23	Was the seizure recorded ?	A	5	0
15.24	Was the treatment / assistance with the seizure recorded ?	A	5	0
15.25	Was the length of the seizure recorded ? <i>(30 – 90 secs for mark)</i>	A	5	0
		A	5	0
PAGE 9 SUB-TOTAL POINTS AWARDED				
Casualty B – Recording (Possible 130)				