

Post Workshop Assignment

Avalanche Rescue

Course number:
Due by:
Workshop location:
Workshop dates:
Student name:
Contact: Hm phone – Cell phone – Email –

Send completed assignments to:

SARINZ,
PO Box 8827,
Riccarton,
Christchurch.

Contact for assistance:

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0800 4 727469
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Post Workshop

Introduction

The purpose of this reflective practice workbook?

This assignment aims to continue the process of applying theory to practical situations, and reflect on your learning from the workshop.

How long do you get?

This assignment is due for completion 3 months after the practical workshop or as advised by SARINZ. Some of you may find the concepts here to be difficult and therefore be tempted to leave the assignment. It is therefore important that you start this assignment as soon as possible and ask for assistance early.

How long will it take?

It is expected with reading, research, inquiry and answering the questions you are likely to put in several hours of work to complete this assignment.

Access to a course instructor?

If you have any questions with regard to this post workshop assignment please make contact with one of your course instructors or alternately contact SARINZ.

Assessment

You need to answer every question and follow the instructions given in the tasks. This is an individual assignment and is to be your own work.

This assignment provides exercises for you to show that you are competent in learning outcome 16 Undertake reflective practice of the standard of SAR3 114: Demonstrate avalanche rescue techniques (level 5, Credit 15, version 1).

You will be assessed as competent (C), not yet competent (NYC) or insufficient evidence (IE). If you are assessed as competent then your pass will be forwarded to Tai Poutini Polytechnic Search and Rescue Programme; if you are assessed as not yet competent an instructor will work with you to achieve competence where possible. If not, the matter will be referred to the SARINZ Administration Officer to process. If there is insufficient evidence, for example not completing an assessment task then it will be dealt with similarly to not yet competent.



Helping others save lives



Scenario 1 Ski tourers

Situation

At 14:20 a party of three ski tourers has been involved in an avalanche accident. A cellphone call gave the following information. Two people are buried. The third one has an injured leg and cannot move from where their location. The debris is about 30 m wide and 100 m long. The weather on site is high cloud with a 10 kph westerly wind. Attempts to call the cellphone back to get more information are unsuccessful.

You are the initial Incident Controller. Your Incident Control Point (ICP) is the place where you did the theory day of this course. It is 14:30 hours on an August day.

Choose a close by ski touring route as an accident site. This needs to be somewhere in the vicinity of the ICP but has not been used so far on the course.

1. Information and resources: Record the following in the forms provided on the next two pages.

- 1.1 Summarise the incident information
- 1.2 List the resources you would want for the incident.
- 1.3 For each resources say where it comes from, how it will get to site and the time it will get there (i.e. Dog 1 from xxxx by Heli 2 arrives at T = 40)

1.1 Avalanche incident summary of key information

Date	
Site	
Time of incident T = 0	
Time at T + 35	
Time at T + 90	
Time at T + 120	
Number of buried people	
Do they have transceivers?	
Number of injured people on site needing evacuation	
Number of uninjured people on site needing evacuation	
Size of debris that will need to be searched	
Wx on Site	
Resources on site	

1.2 Resource numbers needed

Number of Dogs needed	
Number of medical staff needed	
Size of IMT needed	
Number of rescuers needed	
Helicopters needed	
Other resources needed	

1.3 Resource detail

Resource	Who are they	Where are they	How travelling (Heli 1, Heli 2 etc)	ETA @ site
IMT (for 1st and 2nd Critical periods)				ETA @ ICP
ASC				
Dog (and Handler) 1				
Dog (and Handler) 2				
Dog (and Handler) 3				
Dog (and Handler) 4				
Medic/Doctor 1				
Medic/Doctor 2				
Medic/Doctor 3				
Medic/Doctor 4				
Rescuers				
Rescuers				
Rescuers				
Rescuers				
Rescuers				
Rescuers				
Rescuers				
Rescuers				
Helicopter 1				
Helicopter 2				
Helicopter 3				
Helicopter 4				
Helicopter 5				
Other				

Scenario 2 Two people missing

Situation

You have just arrived at an avalanche rescue site by helicopter at T = 30. You are the ASC. There are two people missing. North is at the top right of the picture. There is a light easterly wind blowing.

A witness says that the X is where 2 people were when hit by the avalanche.



4. What safety issues do you have and how would you manage with them? (at least 2)

Safety issues?	Controls?

5. Segmenting and POA

- 5.1 Draw a diagram of the site and segment it.
- 5.2 Using the table below record the estimated size of each segment and assign POA's to each segment
- 5.3 Mark on the drawing where you would put the heli landing site.



Segment	POA	Length	Width	Area m2
1				
2				
3				
4				
5				
6				
7				
8				
ROW	0			
TOTAL	100%			

7.2 The 8 people skiing to site?

7.3 The dog and rescuers in the second heli load do?

8. Patient care

8.1 If the first victim was dug out at $T = 50$ what is the chance that they are still alive?

8.2 What key thing do rescuers need to check when clearing the snow away from a victim before deciding on what first aid to apply?

8.3 What time after burial needs considering when dealing with a buried victim??

Avalanche Rescue – Assessment – Student Results

<p>This column lists the performance criteria that the student will have to demonstrate to the assessor to be deemed competent.</p> <p>A student must be assessed as competent in all aspects to be awarded the standard.</p>	<p>This column records your results. If you wish to challenge the findings of the assessor you can either make a statement on this page or attach it to this record. This will go to the Tai Poutini Polytechnic SAR Programme Coordinator.</p>
Competency Demonstrated	Results of Exercises
Scenario 1 Ski Tourers	
1. Information and resources	C / NYC
2. CIMS structure	C / NYC
3. Safety	C / NYC
Scenario 2 Two people missing	
4. Safety	C / NYC
5. Segmenting and POA	C / NYC
6. Resource tasking	C / NYC
7. Site control	C / NYC
8. Patient care	C / NYC
Assessor comments	
Assessor name:	
Assessor signature:	
Date:	

The following can be used when the student wishes to challenge the findings of the assessor:

Student: I have sighted my assessment result above and wish to challenge the findings of the assessor. I have made a statement, which is attached.	
Signed Student:	Date:
Student statement	