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RISK PREVENTION AND MANAGEMENT PLAN  
EMERGENCY RESPONSE PLAN  
**ROCK CLIMBING**



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**RISK PREVENTION AND RISK MANAGEMENT PLAN FOR ROCK CLIMBING ACTIVITIES**

**Criteria for assessing the level of risk in the development of the activity**

**Risks of the activity associated with the natural environment (risks that may affect personnel, guides and/or participants of the activity).**

Weather conditions, such as: rain, snow, strong winds, thunderstorms.
Alluvium.

**Based on the previously mentioned risks, the causes could be**

In winter they are more common.
Increased river flow and sediment movement

**Based on the previously mentioned risks, the consequences could include**

If it rains or snow falls the rock gets wet making it very dangerous to climb.
An alluvium can destroy and dislodge rocks, bring sediment with it, and could leave the group isolated and disconnected.

**Based on the aforementioned risks, the following control, reduction, mitigation and/or response measures will be taken**

A weather check is always done before each activity to avoid these conditions, and in case they happen unexpectedly, the activity will be suspended immediately, and participants will be sheltered.

This activity should be avoided when there has been a lot of rain, in dry terrain, that is, when there are conditions conducive to flooding. However, if it happens and the group is isolated and disconnected, the guide will have to activate the contingency plan via cell phone to communicate the situation and provide coordinates to coordinate rescue if necessary. In any case, Allmountain always provides its team with extra food, water and personal protection equipment (blankets, flashlights, gloves, among others) to ensure the safety of our team and clients.

**Risks associated with people**

**Risks of the activity caused by people (actions attributable to staff, guides and/or participants).**

Physical disability in upper or lower extremities, cardiovascular problems (hypertension and/or diabetes).
Improper handling of the equipment.
Drinking alcohol, taking drugs or other drugs, before, during or after the activity.

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**Based on the previously mentioned risks, the causes may be:**

Health problems prior to the activity.
Failure to follow instructions on the use of the equipment.
Recklessness.

**Based on the risks associated with people and previously mentioned, the consequences can be:**

The health of the person may be affected, for example, if he/she suffers from cardiovascular problems or pregnancy, the activity may startle him/her.
An accident could occur if the person does not use the equipment properly or damages it.
Their physical and mental capacities may be affected, putting their health and that of the group at risk.

**Based on the risks associated with people and previously mentioned, the following control, reduction, mitigation and/or response measures will be taken**

Prior to the activity, each person must fill out a medical form in which he/she indicates any illnesses, injuries, surgeries, etc. In the event of any injury or illness not reported, the first aid protocol described below is activated.
To avoid misuse of the equipment, the guide will provide instructions for its correct use, and will be available throughout the activity to correct the participants and act in case of any accident.
The activity may be suspended if any member of the team does not comply with the previously established rules of behavior.

**Identification and evaluation of risks in the practice of the activity.**

**Conditions that would affect the development of the activity (meteorological, geographical and similar conditions):**

The activity may be suspended if any member of the team does not follow the guide's instructions.
The activity may be suspended due to weather conditions, such as: rain, snow, strong winds or evident risk of forest fire or thunderstorm.
The activity may be suspended if the following geographic situations occur: landslides, river floods, alluviums, etc.
An activity may be suspended inside a protected area when the pertinent authority (CONAF or Carabineros) establishes it for security reasons.
The activity may be suspended when any member of the group suffers an incident or accident.
The activity may be suspended if any member of the team does not comply with the previously established rules of behavior (consuming alcohol, drugs and/or other drugs before, during or after the activity).
The activity may be suspended when it is detected that the equipment or part of it is in poor condition to carry out the activity.
The activity may be suspended if any member of the team does not comply with the previously established rules of behavior (consuming alcohol, drugs and/or other drugs before, during or after the activity).

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The activity may be suspended when it is detected that the equipment or part of it is in poor condition to carry out the activity.

The activity may be suspended if the guide catches a client performing a reckless action that endangers his integrity and that of the team.

The activity may be suspended in the event that the vehicle presents any damage (if any relevant authority, carabineros or others, establishes it for safety reasons).

**Languages in which the activity is carried out**

Spanish

English

**Does the development of the activity include transportation?**

Yes

**If the previous answer is Yes, identify risks associated with the means of transport.**

Overturning.

Puncture of more than one tire.

Lack of fuel.

**Number of vehicles to be used**

2

**Vehicle brand**

Toyota

Mitsubishi

**Vehicle model**

4Runner Sr5 4x4

L200 4x4

**Year of vehicle**

2015

2022

**Do the vehicles comply with current regulations?**

Yes

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**Identify criteria for suspending the activity (considering environmental conditions, guides or participants).**

Allmountain will suspend the activity in case the guide is unable to attend the activity.
Allmountain will suspend the activity in case the number of clients exceeds 4 and the assistant guide is not available.
The guide will suspend the activity in the event that a client suffers a non-minor accident involving life-threatening, psychological and/or physical damage, or must be evacuated from the site as soon as possible.
The guide will suspend the activity if weather conditions change suddenly (rain, snowfall, thunderstorms, etc.).
Allmountain will suspend the activity if any authority (for example: CONAF or Carabineros) suspends activities within any perimeter for security reasons.
Allmountain will suspend the activity if the vehicles are not in optimal conditions for the activity.
Allmountain and the guide will suspend the activity if one of its participants is in an evident state of having consumed alcohol or psychotropic substances.

**How safety equipment will be provided to participants and how first aid equipment will be provided in case of accidents.**

The guide will give safety instructions for the use of some implements. Example: rope, harness, belay system, use of carabiners, etc.; and a cross check will be done (guide and client) to verify the safety of both. This will be done prior to the beginning of each activity.
The guide and assistant guide will always carry a complete first aid kit, as well as a communication system (VHF radios with a range of 42 km).
Steps to be followed by the guide who has a WFR (Wilderness First Response 80 intensive hours) first aid course. In case of accident, the guide will provide first aid to clients, accidents such as: falls, bruises, bleeding, fainting, bites, loss of consciousness, allergies, altitude sickness, among others.
The guide checks vital signs (breathing, pulse, eyes, and proceeds with the MES: look, listen and feel).
The guide checks for symptoms (possible vomiting, breathing alterations, fever, bleeding, cold, heat, etc.).
The guide asks, in case the client is conscious, if he/she suffers from allergies and rule out the possibility of shock.)
The guide asks if the client takes any frequent medication (diabetes, hypertension or others).
The guide asks about previous medical problems.
The guide asks about the last oral intake (last time the client consumed any food and what it was).
The guide checks what were the possible episodes that led to the injury or illness (with this procedure the individual's current situation will be reported to the agencies in charge of medical final assistance and rescue such as Socorro Andino, firefighters, ambulances or health services).

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Prior to the activity, a medical form is provided, which must be filled out, by obligation, by each client. In case a client suffers an accident and loses consciousness, this medical form will provide essential information.

The Carabineros, Socorro Andino or the nearest medical center (hospital and/or hospital complex San José de Maipo: located at Calle Comercio #19856, San José de Maipo) will be informed by telephone or satellite of the injured person's condition. All data will be recorded in a form.

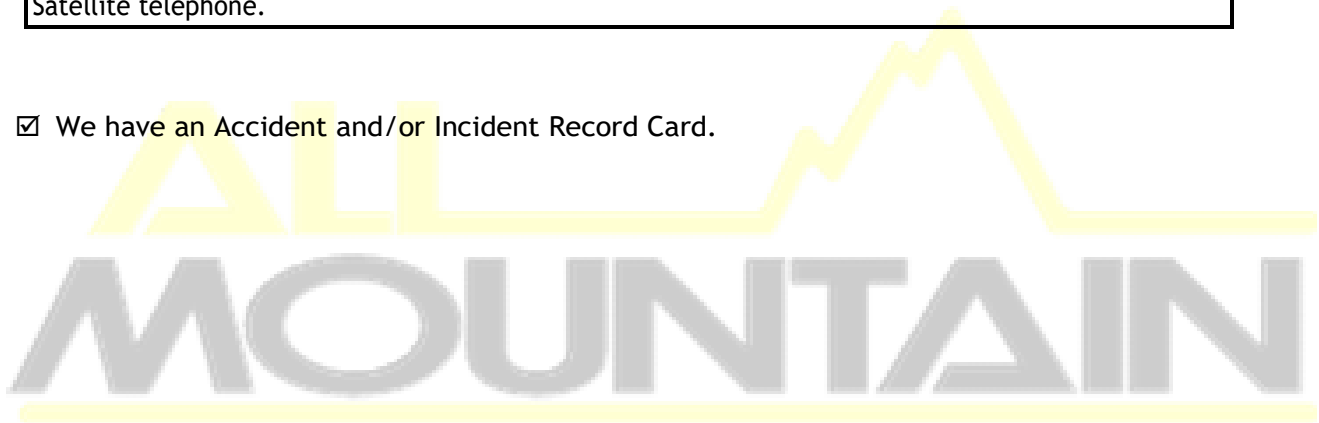
The certified guide is the only one who can provide first aid services and use the elements of the first aid kit. The assistant guide may provide the elements that the guide asks for, as long as he/she uses the profilaxis elements (sterile gloves, masks and glasses), so as not to contaminate the elements of the first aid kit and also to take care of his/her personal safety.

The guide always has his emergency kit in his backpack, and our vehicle also has a first aid kit: ropes, immobilization board and cervical splint, among others.

**Communication systems**

Telephone
VHF Radios
Satellite telephone.

We have an Accident and/or Incident Record Card.



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## EMERGENCY RESPONSE PLAN

Name / Position

### Role in the emergency procedure

Driver in case of emergency and first aid, communication with aid and rescue services, e.g.: Socorro Andino, Carabineros de Chile, nearest hospital and/or clinic.
Relief driver in case of emergency, communication with aid and rescue services, e.g.: Socorro Andino, Carabineros de Chile, nearest hospital and/or clinic.

### Communication systems to be used in case of emergency

Cellular, VHF Radio, Satellite Telephone.

### Form or procedure for providing first aid

The guide with first aid certification (WFR certification) stabilizes the injured person, while the rescue teams arrive, be it Socorro Andino, Firefighters, etc.
The guide assesses breathing and vital signs and proceeds to perform CPR if necessary.
The assistant guide will evacuate or take other participants to a safe place.
The assistant guide will immediately communicate the incident or accident to the person in charge in case of emergency.
The guide will request and make use of the first aid kit and immobilization table, if necessary. This first aid kit must be adequate, with all its elements in good condition: profilaxis: gloves, masks, and clean glasses; unexpired medications (check expiration date), etc.
The guide and assistant guide will identify the evacuation or rescue point closest to the public road.
In case of a minor injury and if it is controlled with the first aid provided by the guide, the client must return with the assistant guide to the vehicle, while the guide continues with the activity.
In case of a serious injury, the guide will suspend the activity and the contingency plan mentioned above will be initiated, regardless of the injury (serious, less serious or minor), the guide will always check the client and provide first aid. If necessary, the aforementioned rescue and assistance teams will be contacted.

**Emergency evacuation procedure, including means to transfer a sick or injured person to a medical care center, considering the geographic position, distance, location from the point of the incident, evacuation routes and means of transportation to do so (vehicle, airplane, boat or other).**

The evacuation procedures in case of emergency are: The guide must activate contingency plan and notify the authorities in charge (Socorro Andino, Fire Department, Carabineros).

The means used to transfer an injured or sick client are by vehicle (company vehicle in the case of illness and/or minor injuries), ambulance (in the case of a client with a serious accident and

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requiring intensive care), firefighters, and Andean Rescue (in the case of rescue). In any case, each of these entities will be notified for the safety and security of our clients.

From the geographic position (Cajón del Maipo), travel times in case of evacuation are approximately 35 minutes to the nearest health care center located in the San José de Maipo sector: hospital and/or hospital complex San José de Maipo, address; Comercio Street #19856, San José de Maipo commune. The road is completely paved.

There is only one evacuation route by land: take route G-25 to Cajón del Maipo.

**Identification and location of agencies and persons to contact in case of emergencies.**

**Name of institution or organization**

Cuerpo de Socorro Andino, dirección: Avda. Ricardo Cummings 329, Santiago, Región Metropolitana.
Carabineros San Gabriel, dirección: San Gabriel, comuna San José de Maipo, Región Metropolitana de Santiago.
Carabineros San José, dirección; calle El Volcán n° 19333, km. 34, comuna de San José de Maipo, Región Metropolitana de Santiago.
Servicios ambulancias Cruz del Sur, dirección: calle Santa Lucia, N° 10798, Región Metropolitana de Santiago.
Bomberos, Segunda Compañía de Bomberos de San José, dirección: camino al Volcán 20426, Santiago, San José de Maipo, Región Metropolitana de Santiago.
Hospital y/o complejo hospitalario San José de Maipo, dirección: calle Comercio #19856, comuna San José de Maipo, Región Metropolitana de Santiago.
Hospital Clínico La Florida, Dra. Eloísa Díaz Insunza, dirección: av. Froilán Roa #6542 comuna La Florida, Región Metropolitana de Santiago.

**Telephone number of the institution or organization**

02-699 47 64
(02) 29223295
(02) 29223315
Central pone number (02) 25180403 telephone 96055499
+562 2861 15 30
(02)5762700
+56 22612 1600

**Detailed search and rescue procedures**

In case a participant gets lost:

-The guide must activate the contingency plan: remain calm, communicate the situation to the assistant guide by radio or, if he/she is nearby, communicate the procedure to be followed. The team in the vehicle sector (driver) will also be notified of the situation.



-The guide stops the activity immediately, keeps the group together, explains the situation and the procedure to follow to both the clients and the assistant guide. The assistant guide may go to the starting point with the other clients, while the guide activates the contingency plan and detects the points where the lost client could be found.

-The guide should contact the Carabineros (133 Central de Carabineros), or the Carabineros de San Gabriel (Carabineros closest to the place where the activity takes place, phone (02)29223315) and/or the Cuerpo de Socorro Andino (phone (02)26994764).

-The guide must clearly inform: the place where the activity takes place, possible places where the client could have gone astray, GPS location coordinates, the conditions of the place (weather, geographic, etc.) and thus coordinate the rescue in the most effective way. -The guide should provide as much information as possible to the relevant authority or institution (e.g.: Andean Rescue Corps, Carabineros), informing about the client's clothing, last time he/she was seen, physical characteristics, etc.

-The client's next of kin should be informed of the situation (in case the search for the client lasts for a significant number of hours).

- In case the client is found in good physical condition and without any inconvenience and in a short period of time (minutes), the guide will be able to resume the activity. If the client is in a rescue situation (for example, physical damage), the guide can stabilize him/her while the rescue agencies arrive, such as: Firefighters, Andean Rescue Corps and/or Carabineros, and the activity will be suspended immediately (in both cases, regardless of whether or not rescue is required, the contingency plan mentioned above will be activated).

#### **Detail of the protocol to be followed in the management and basic handling of a crisis.**

-Suspension of the activity to the rest of the participants of the group and follow the instructions of the guide.

-Meeting with users (and/or family members) to calm them down.

-Control of information to the media (no statements until the end of the procedure).

-Activate internal search and rescue procedures.

-Activate externally coordinated search and rescue procedures.

#### **Detail of safety measures and procedures in case of fire according to the place where the activity is carried out.**

1- The guide will give the order for the team and clients to quickly evacuate the area.

2- The assistant guide or the guide will call to alert and ask for help from the Fire Department (Primera Compañía de Bomberos de San José de Maipo, central: +562 2861 15 30).

3- The guide will use a fire extinguisher, in case there is one nearby in case it is small.

4- The team will be alert to detect changes in the direction of the fire and communicate the changes to others.

5- The guide and his assistant will check escape routes and possible safe areas (public road, away from vegetation, etc. as appropriate).

6- The guide will determine, according to the conditions of the fire (large, small, controllable), if the

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activity is suspended or continued (in case of a fire of major proportions, the activity will be cancelled, for the safety of the team and the clients).

### **Detail of safety measures and procedures in case of natural disasters according to the place where the activity takes place.**

Safety measures in case of natural catastrophes are as follows; Geographical location in case of natural catastrophe; Cajón del Maipo, El Manzano. Possible natural catastrophes to expect according to this zone: the most common natural catastrophes in this zone are:

**Alluviums:** Alluviums cause bridge collapses, which could leave the team isolated. For this, the team provides more food, water, and personal protective equipment (blankets, gloves, etc.), to keep the group safe while awaiting rescue, if necessary. The guides will have identified safety zones. In case of this type of situation, the activity will be suspended.

**River overflows and flash floods:** Due to heavy rains in these remote areas, rivers rise suddenly and cut off roads. Equipment may be isolated. The guide keeps the clients in a high and protected area. The activity is suspended.

**Strong winds and snowstorms:** The white wind is very dangerous due to poor visibility and freezing of extremities very quickly. At the slightest rain, the guide will suspend the activity and return to the vehicle to avoid freezing and problems associated with low temperatures (due to the altitude the rain freezes causing snow and freezing). The activity is suspended.

- Volcanic eruption: The area is at risk of volcanic eruption because the San José volcano is active. The guides are aware of the evacuation routes and safety zones. Some precautions to follow are: Alejarse de las áreas donde sopla el viento que proviene del volcán.
- Move away from valley bottoms. Go to places at high altitude by the established evacuation routes.
- Do not cross streams or rivers.
- If you are driving and are surprised by a shower of ashes, stay inside the vehicle with the windows and doors closed. If you are able to move forward, do it slowly.

In the event of any of these catastrophes, the guides are trained to provide quick solutions and identify the safest places for the clients. In any of these cases, the activity will be suspended immediately.