



Acacia
Mining Operations

ACACIA MINE OPERATIONS GÖKIRMAK COPPER MINE Emergency Action Plan 2017

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Introduction

Acacia Mining Operations Inc. is committed to attaining excellency in healthy, safe and environment-friendly production for all of its works. In addition to that, emergency situations may occur in a short time and this may cause organisational members and resources to be at the point where they are unable to respond according to contingency plans. Human loss and environmental pollution due to failure to respond to emergency situations will damage reputation of Acacia Mining Operations Inc. and cause interruptions in its operations.

This emergency action plan (ADEP) describes the actions to be taken prior, during and post emergency incidents, as well as main responsibilities, procedures and other responsibilities during an emergency.

In case of emergency, our first priority shall ensure health and safety of all our personnel including our subcontractors and surrounding community. After ensuring this, however, our endeavor will focus on followings;

- environmental protection
- Informing media and other local affairs about known realities and our actions.
- Demonstration of being responsible and caring organisation.
- Maintaining trust in our personnel and community regarding the fact that we are capable of managing an emergency situation effectively.

All members of emergency management must know the content of plan and described documents. Members of Emergency management shall revise this plan yearly and make sure it is tested with yearly drilling.

By achieving these objectives, not only will we ensure safety and wellness of our personnel but also we will protect our reputation and maintain trust of community in our company.

Veli Gökdere

Operation Manager

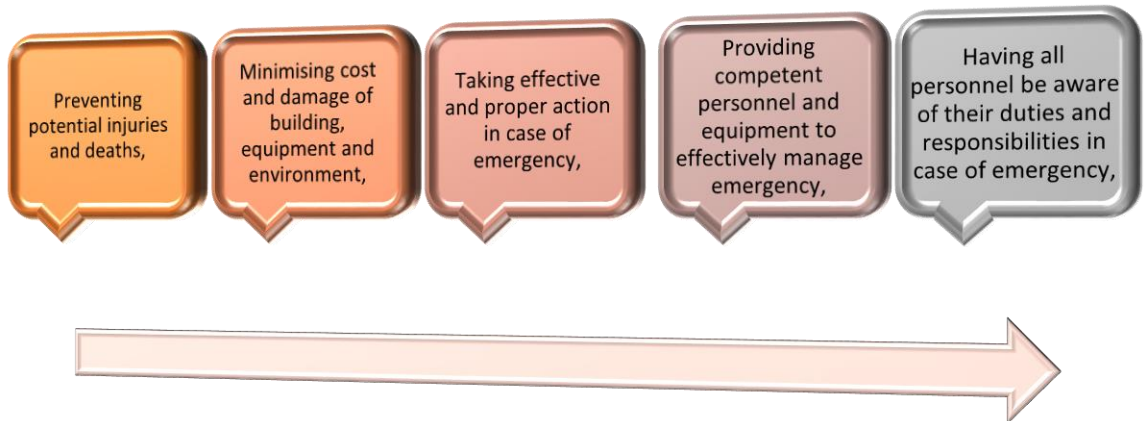
Acacia Mining Operations Inc.

1. OBJECTIVE

Acacia Mining Operations Inc. provides proper guidelines and instructions to its personnel for any case of emergency management. This case is not only for on site incidents, but also it covers any emergencies off site and nearby locations that require assistance.

Emergency Action Plan is designed to protect the environment, human health, other creatures, commercial liabilities and the reputation of Acacia Mining Operations Inc.

The objectives of emergency action plan are listed as follows:



Emergency Action Plan describes any potential emergency occurring in the area of Acacia Mining Operations Inc. and reveals any risk associated with company's assets and environment. While this plan doesn't contain every emergency situation, it facilitates general systematics of instructions that can be applied or linked to any kind of emergencies.

These instructions are designed to be linked to other fields guidelines outlined therein.

Acacia Mining Operations Inc. must immediately inform General Manager or his authorised or assigned Emergency Management personnel in case of any emergency in surrounding area.

This is an inspected document that can not be modified, amended or corrected by any mean without approval of General Manager.

2. SCOPE

This action plan describes the responsibilities of key personnel, and the plan that will be applied in case of emergency at units or departments at Acacia Mining Operations Inc.

This plan and appendices involves all personnel, subcontractors, visitors of Acacia Mining Operations Inc. and others that may be exposed to an emergency.

Emergency Action Plan is not limited to these only, it also projects managing potential events in operating limits which are described below.

- **Serious Industrial Accidents:** Such as critical injury, financial loss, collapse, earth movement, slope failure, explosion, extensive power loss, fuel tank or facility fire.
- **Natural Disasters:** Natural disasters such as flood, earth movement and earthquake that may affect or interrupt daily operative activities.
- **Injuries:** Being away from area of treatment or not being able to reach it during incidents that require extensive medical treatment.
- **Environmental Impact: Spread or spill of chemical material that may seriously affect environment.**
- **Reputation:** Any event that may affect surrounding residents and damage reputation of Acacia Mining Operations Inc..

3. RESPONSIBILITIES

Specified personal responsibilities are described in this part of plan but general management responsibilities regarding this plan is as followings:

- Directors of Acacia Mining Operations Inc.Ş is responsible for having other personnel and subcontractors to be informed regarding their zone and action plan that are outlined in this guidebook.
- Directors of Acacia Mining Operations Inc. is responsible for informing the General Manager and Director of İSGC about a new hazard resulting from an emergency out of a potential danger that is inadequately scoped in this plan.
- Reference that is given for any position in this plan, unless otherwise stated, will automatically include that authorised person.
- Board of directors, general manager, directors of Acacia Mining Operations Inc. are responsible for taking precautions and make other do so for threats and risks in the organisation. Briefly as followings:
 - a- Safe workplace - and safe entrance end exit,
 - b- Safe facility and equipment - inspection of machinery, the need in service and renewal will be based on the risk level.
 - c- Safe working system - must be safe under all conditions. Proper revision, planning and control; provides safety of procedure,
 - d- Training and supervision for competence.

3.1 LEGAL AUTHORITY

In the district of Hanönü town in Kastamonu, district police department and district gendarmerie command are legal control authorities. Legal law enforcement officers may assume the function of Scene Coordinator in case of a serious car accident, death, potential death or chemical spills. In similar cases, general manager and all other emergency management team that are under directive of his/her subordinate, the director of İSGC, must meet any demand regarding any kind of information and need. In emergency situations involving fire, legal authorities are the municipal and forest firefighters of Hanönü.

In case of internal emergency that may effectively be managed by site personnel and resources, the control shall be conducted cooperatively by general manager and district police department.

AFAD teams are authorised during high level overground intervention or organisation. General manager and all other emergency management team that are under directive of his/her subordinate, the director of İSGC, must meet any demand regarding any kind of information and need.

Hanönü Police and Gendarmerie departments shall be notified in any case of response to off-site events by Acacia Mining Rescue Team (AKE). Any required off-site intervention is under the control of law enforcement officers. In case of external emergency, approval authorisation of intervention is given verbally or written by general manager.

According to work area of Acacia Mining Operations Inc.; Hanönü district police department is responsible for the area within red line in the below outlined schema. The Gendarmerie of Hanönü is responsible for the area outside the red line.

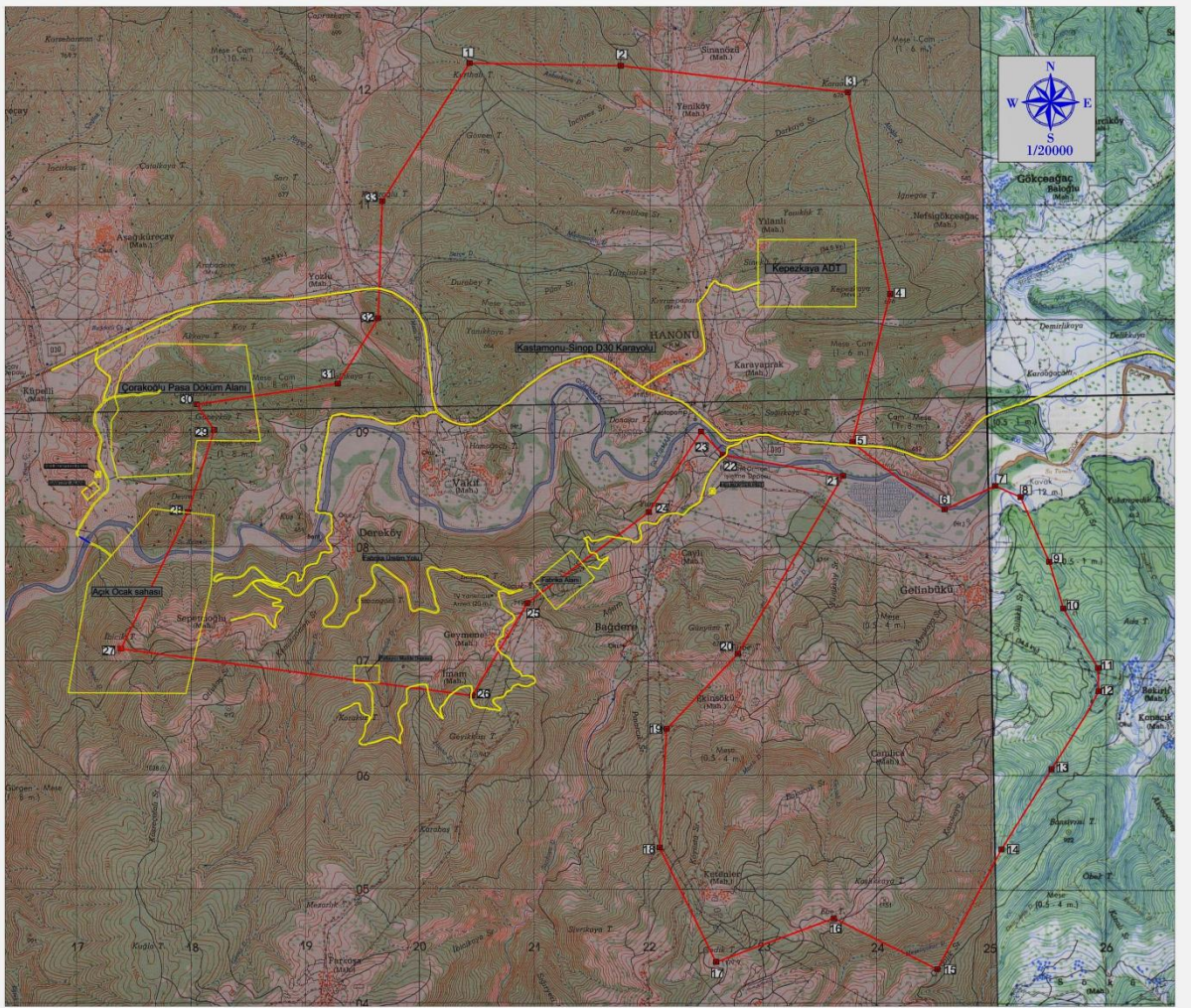


Photo :1

4. DEFINITIONS and ABBREVIATIONS

Accident	An undesirable incident resulting damage to humans and materials. Loss of process or damage given to environment.
Emergency	Anormal, instant, undesirable, unforeseen, dangerous and/or environmental threatening cases that require securing, correcting, controlling. Type of emergency cases may include followings: <ul style="list-style-type: none"> • Serious injury (off-site cases that require immediate action)

	<ul style="list-style-type: none"> • Single or multiple auto accidents that probably include jamming of people. • Fire-vehicle, building, forest, fuel fires. • Unplanned explosions that damage property or life. • Potentially reportable or life threatening Important discharging/leaks. • Bomb Threat • Natural disasters including earthquake, flood and landslide. • Jamming, collapse, slope failure
Crisis	<p>Potentially big events which may affect organisation, industry or their products and services in society.</p> <p>Crisis are defined as followings:</p> <ul style="list-style-type: none"> • Interruption of regular activities or daily tasks of personnel untill the problem is solved. • Event coming to agenda of national and international media. • Work of İLBAK HOLDİNG which owns Acacia Mining Operations Inc.to be affected by the incident. • Crisis situations are defined as emergency
External Emergency Situations	All external emergency cases that may affect or even unlikely affect the site, assigned with the intent of humanitarian aid.
Emergency Management Centre	A designated central point for coordination or management In case of emergency.
Injury	An undesirable fact causing serious damage to a person that requires sending out for urgent response.
MSDS	Material Safety Data Sheet - Data form which specifies instructions of safe use, transportation, storing and first aid for a hazardous material.
Hazardous Materials	Any amount and type of material that contains unreasonable risk for the environment and occupational health and safety when removing from its containers.

5. RECORDS

Checked copies of this document are available at following locations. As all other copies are unchecked, latest copies must be used. Up-to-date document is kept at \\ASYAFLSRV\Dökümanlar.

This document is kept in the emergency cabinet at Emergency Control Center that was determined in this plan on undermentioned sites

Record No	Location	
1	Acacia Mining Operations Inc. Main Office	Large Meeting Room, Emergency cabinet
2	Guestroom	7th Floor Meeting Room, Emergency cabinet
3	Acacia Mining Operations Inc. Main Office	OHSE Directors Office, Document cabinet rank no:1

6. DOCUMENTS IN RELATIONS

Policy of Occupational Health and Safety ACACIA-8000-Pol-001
Management Plan of Occupational Health and Safety ACACIA-4000-Pln-001 and Appendix

7. REFERENCES AND APPENDICES

ACACIA-4000-Pln-002-Frm-001	Emergency Search Form
ACACIA-4000-Pln-002-Frm-002	Emergency Entry Form
ACACIA-4000-Pln-002-Frm-003	Muster Point Enumeration Form
ACACIA-4000-Pln-002-Frm-004	Lodgement Muster Point Enumeration Form
ACACIA-4000-Pln-002-Lst-001	Emergency Internal Contact List
ACACIA-4000-Pln-002-Lst-002	Emergency External Contact List
ACACIA-4000-Pln-002-Lst-003	First Aid and Rescue Team List
ACACIA-4000-Pln-002-Lst-004	Rescue Equipment List
ACACIA-4000-Pln-002-Tbl-01	Risk Assessment Table

8. Method

8.1. CONTACT METHODS DURING EMERGENCY

You must initiate the state of a emergency based on your location with one of the following methods:



Line Telephone



Mobile Phone



Wireless Radio 1. Channel



Alarm Button

8.2. STARTING AN EMERGENCY CALL

The person who starts the emergency call shall be calm and proceed transparently.

First announcement during an emergency call via phone or wireless system is as following:

“EMERGENCY EMERGENCY, EMERGENCY” Wait for response, repeat it if required or call the Security Centre

Provide following information:

- 1- Your Name
- 2- Type of Emergency (e.g: Fire, chemical spill, auto accident etc.)
- 3- Emergency Location
- 4- If, any Injured Personnel
- 5- If known, Injure Type
- 6- Contact method in case of a need to re-contact (Phone number, radio channel etc.)

After initiating The State of Emergency, Emergency Management will proceed according to the Plan.

8.2.1. Emergency Internal Contact List

Company Internal contact information for a state of emergency is described as following. Updated contact list

ACACIA-4000-Pln-002-Lst-001 is on Emergency Internal Contact List

8.2.2. Emergency External Contact List

Required phone numbers to inform local authorities and ask for assistance in case of emergency are indicated on ACACIA-4000-Pln-002-Lst-002 Emergency External Contact List.

8.3. THREATS an RISK ASSESSMENT

Acacia Mining Operations Inc. assess any potential threats for emergency in the risk analysis.

Process of Risk Assessment has been run based on 7-stage programme:

1. Selection of assessed process, site, equipment or operation in this case. (Acacia Mining Operations Inc. - Gökırmak Copper Project)
2. Selection of team based experience/information/skill.
3. Deciding on evaluation of purpose and scope.
4. Analysis of operation for its steps/components/loop stages.
5. Defining undesirable incidents that may be caused by any step/hazard in stage/potential hazard and undesirable events (Such as incident causing injuries).
6. Determination of probability/result of undesirable event.
7. Scaling of every risk by using scaling matrix

Risk assessment has been done according to ACACIA-4000-Pln-002-Tbl-001

COPPER PROCESSING PLANT & TAILING PLANT AND OPEN PIT MINE							
THREATS		ESTIMATED IMPACT					
		Assets	Employees	Environment	Other People	Reputation	Risk Level
1	Forest fire	High	High	High	High	High	High
2	Fire	High	Medium	Medium	Low	Medium	High
3	Earth Movement	High	High	High	Low	High	High

4	Auto Accident	Low	High	Low	Low	Medium	Medium
5	Structural Defect	Medium	Low	Medium	Low	Medium	Medium
6	Slope Failure	High	High	Low	Low	Low	Medium
7	Earthquake	High	High	High	High	High	High
8	Adverse Weather / Road Conditions	Low	Medium	Low	Low	Low	Low
9	Judicial Case / Sabotage	Low	High	Low	Medium	Medium	Medium
10	Loss of Main Maintenance Services	Medium	Low	Low	Low	Low	Low
11	Chemical Spill	Medium	Medium	High	Medium	High	High
12	Explosion	High	High	Low	High	High	High
13	Waterflood	High	High	High	Medium	Medium	High
14	Mass Food Poisoning	Low	High	Low	High	High	High
OFF SITE							
THREATS		ESTIMATED IMPACT					
		Assets	Employees	Environment	Other People	Reputation	Risk Level
1	Forest fire	High	High	High	High	High	High
2	Fire	High	Low	Medium	Low	Medium	High
3	Auto Accident	Low	High	Low	Low	Medium	Medium
4	Structural Defect	High	Low	Low	Low	Medium	Medium
5	Rack fall	High	Low	Low	Low	Medium	Medium
6	Earthquake	High	High	High	High	High	High
7	Adverse Weather / Road Conditions	Low	Medium	Low	Low	Low	Low
8	Judicial Case / Sabotage	Low	High	Low	Medium	Medium	Medium
9	Chemical Spill	Medium	Medium	High	Medium	High	High
10	Waterflood	High	High	High	Medium	Medium	High

8.3.1. Exemplify of Detailed Emergencies

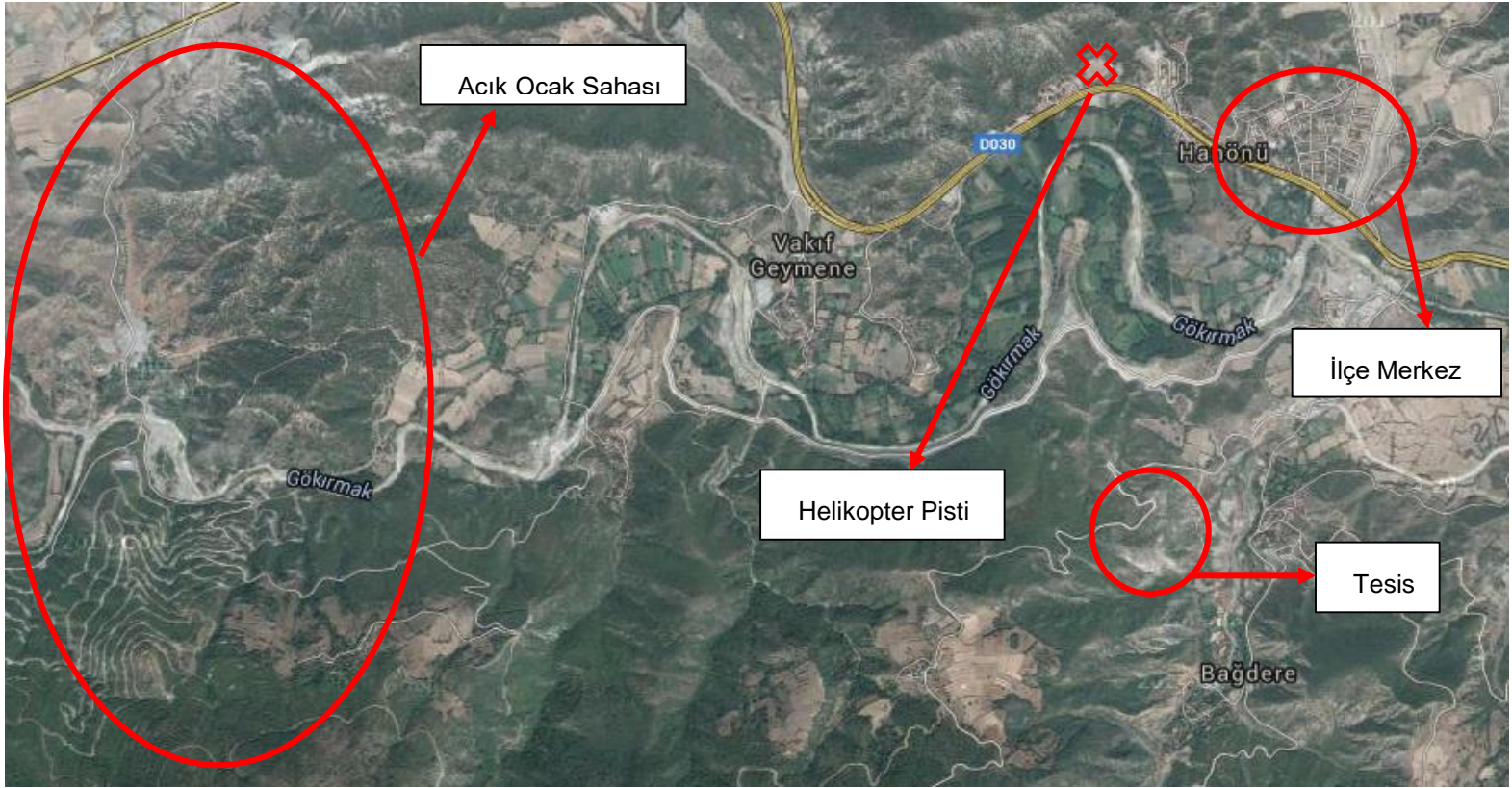
Emergency		Example
1	Facility Fire	Vehicle, equipment, transformer or conveyor belt fire
2	Open Furnace Workshop Fire	Equipment, oil barrels fire
3	To be exposed to irrespirable atmosphere	One or more person(s) being affected by smoke or an unknown polluter (in building or containers)
4	Auto Accident	Auto Accidents involving personal injury and jam
5	To be Jammed, rushed, drawn	To be squeezed, crushed or drawn by equipment between a fixed surface with a material or Equipment
6	Due to Earth Movement at Open Furnace	exposure of human or machinery
7	Due to Creep of Tippling	human and environmental exposure
8	Waterflood	Excessive water coming, river flooding
9	Collapse of Derivation Tunnel	Environmental exposure
10	Earthquake	Severe enough to cause damage to the tailings dam and spillway
11	Explosion	Unplanned explosion during transportation and storage room, charging or charged zone
12	Judicial Case / Sabotage	as a result of assault and fighting between persons
13	Chemical Spill	Serious chemical spill, personnel's exposure
14	Mass Food Poisoning	Instant increase in complaints of Puking, momentary vomiting, nausea, serious stomach-ache
15	Falling Down From Height	Falling to platform, bucket crane/truck or ore storage bunker.
16	Electric Shock	Cable, pumping or transformer borne
17	Longtime Barricades Violation	Person(s) who has entered into barricaded area but do not notify within the stated period of time.
18	Lost Person	Visitor, intern, subcontractors and workers on or off site being lost
19	Falling Into Water	Drowning of people who fall into water pools.

20	Jammed In Cosed Area	People to be affected in flotation cellulase or thickeners
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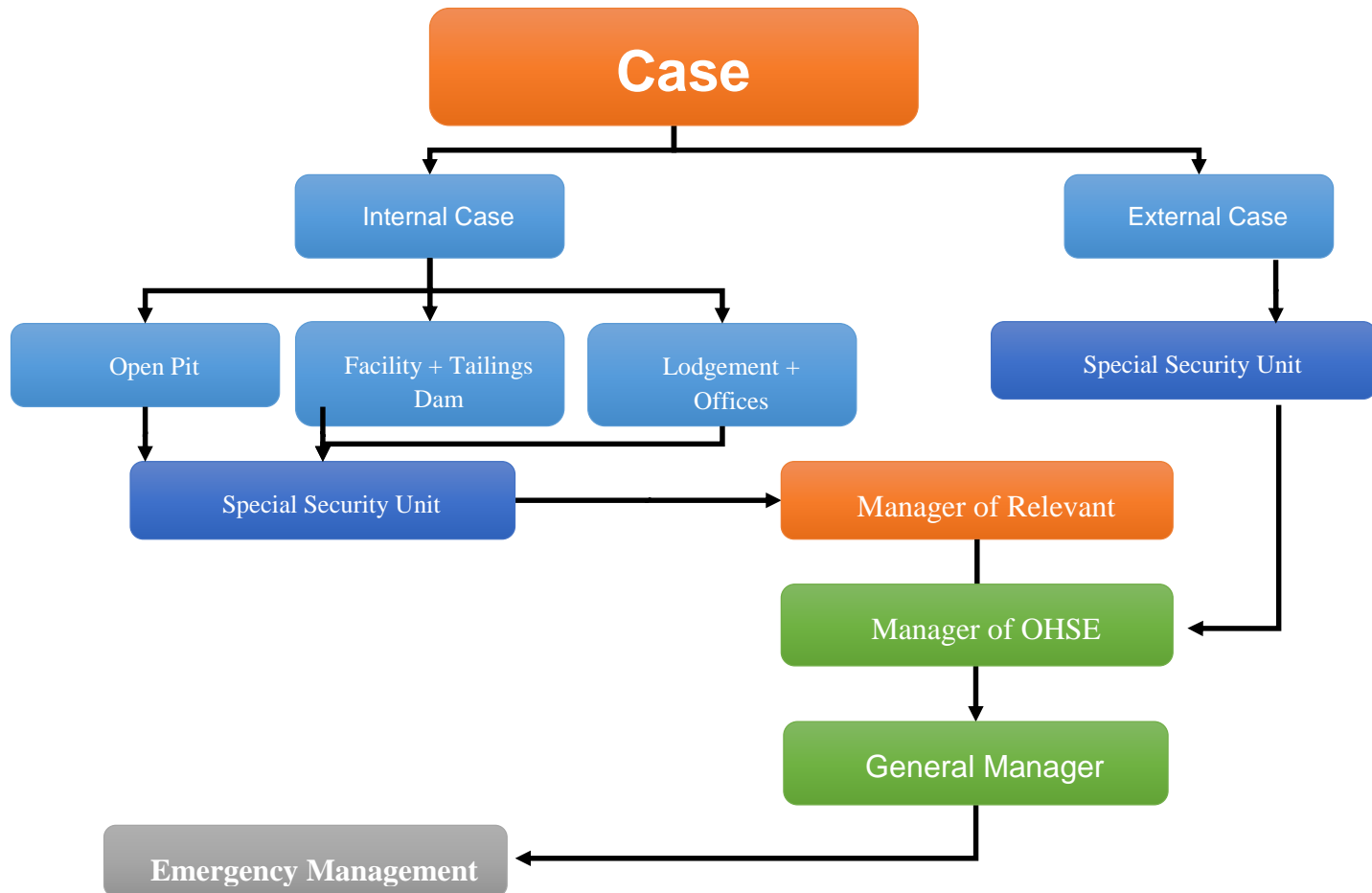
8.4. COORDINATIONS OF AMBULANCE HELICOPTER

Based on decision by General Manager, Director of İSGÇ or Occupational Health Doctor, helicopter air ambulance service and landing on a pointed area shall be provided. During an effective emergency management, heliport which will be used by Acacia Mining Operations Inc. is a great advantage for itself and the surrounding area and it should be used effectively. Distance of heliport to open pit is about 6 km, to the facility is 2,5 km and to the county town is 500m.

Heliport coordinations: 41°37'42.4"N 34°27'24.5"E



8.5. NOTIFICATION OF EMERGENCY



For internal case, first notification shall be made to central security office which is 7/24 active. Special security unit first of all shall The director of relevant department categorises the incident and notify the incident to director of OHSE. The director of OHSE activates the Acacia Mining Rescue Team (ART) and receives approval of intervention from the General Manager.

The situation is managed according to Emergency Action Plan.

First notification is made to director of OHSE. The director of OHSE categorises the incident, activates the Acacia Mining Rescue Team (ART) and receives approval of intervention from the General Manager. The situation is managed according to Emergency Action Plan. The director of OHSE or his/her representative can not intervent a incident without approval of General Manager during external cases (surrounding residential area, forestland, traffic accidents on route, and so on).

8.6. DIFFERENCES ACCIDENT&INCIDENTS AND EMERGENCY

The director of OHSE decides whether the notified accident is an emergency, accident or incident. Cases that may seem an incident at the beginning may be evaluated as an emergency in later times. Differences between incident and an emergency is described with examples in the following charts.

Accident&Ev	Emergency Situations
INJURY & ILLNESS (INCLUDING LOCAL PEOPLE)	
<ul style="list-style-type: none"> • Injuries that may result with medical intervention and limited job assignment • Minor incidents with no lasting effects in the limited area 	<ul style="list-style-type: none"> • Injuries or illness which require treatment in the hospital. • Mortality or multiple serious injuries that cause uncoverable disability of one or more personnel. • Mortality or multiple serious injuries that cause uncoverable disability of one or more personnel.
Environmental Impact	
<ul style="list-style-type: none"> • Short-term Scrap 	<ul style="list-style-type: none"> • Environmental impact that is spread out of operational area and has long lasting serious consequences. • Scrap/spill that may give serious environmental damage in the
SOCIO-CULTURAL IMPACT	
<ul style="list-style-type: none"> • Minor damages given to cultural heritage - reperable 	<ul style="list-style-type: none"> • Ongoing social incidents. • Damages to the assets of cultural value. • Damages to cultural heritage. • Ongoing serious social incidents. • Permanent damage to the assets of cultural value.
PUBLIC RELATIONS / GOVERNMENT /REPUTATION	
<ul style="list-style-type: none"> • Social incidents that are limited to local complaints. • Continuos/anormal examination and investigation by official authorities 	<ul style="list-style-type: none"> • Exaggerated attention of local people and media • Serious opposition by national media and civil organisations. • Permits and licences to be under risk. • Reputation of Company to be damaged. • protests and criticism of private civil organisations. • Noticable difficulties during obtaining required permit/approval.
LEGAL	
<ul style="list-style-type: none"> • Small-scale legal violations - possibility of low-level criminal cases and fining 	<ul style="list-style-type: none"> • Serious legal violations that are reported with records and investigation - high possibility of legal sanctions.
OPERATIONAL	
<ul style="list-style-type: none"> • Minor damages to equipment and/or facilities -No loss of production 	<ul style="list-style-type: none"> • Moderate damages occurring in equipment and/or facilities. • Serious damages occurring in equipment and/or facilities - Long lasting production loss

8.7. EMERGENCY CONTROL CENTRE

In case of any emergency, it is essential to use the meeting room in the central office building as emergency control centre. In case of being left in the affected area or any cases that require managing emergency from outside, any of facility or open pit meeting rooms that have alternatively been selected shall be used. Coordinator of incident scene shall decide which option to be used in the case when general manager or his/her representative can not be reached. The Emergency Control Centre is a checkpoint of operational communications and emergency response activities.

General manager or his/her representative or Coordinator of incident scene or his/her representative shall make decision in case of requirement in relocation of The Emergency Control Centre due to various reasons or extension of emergency state.

Below described documents shall be checked and kept ready for use by authorities at The Emergency Control Centre and at control ranges that is designated as alternative locations in this plan.

Equipment	Control Frequency	Responsible Unit
Emergency Action Plan and Appendices	Quarterly	Occupational Health and Safety, Environment
Monthly scheduling list and personnel list of Emergency Action Team.	Monthly	Occupational Health and Safety
Personnel list and contact information	Monthly	Human Resources
Service drawing and site plans (open pit plan, Emergency escape plans)	Every update / Quarterly	Mining
Layout and floor plans (indicating emergency exits)	Quarterly	Facility

Also, photocopy machines, telephone, clock/watch, internet connection shall be available for use at any time.

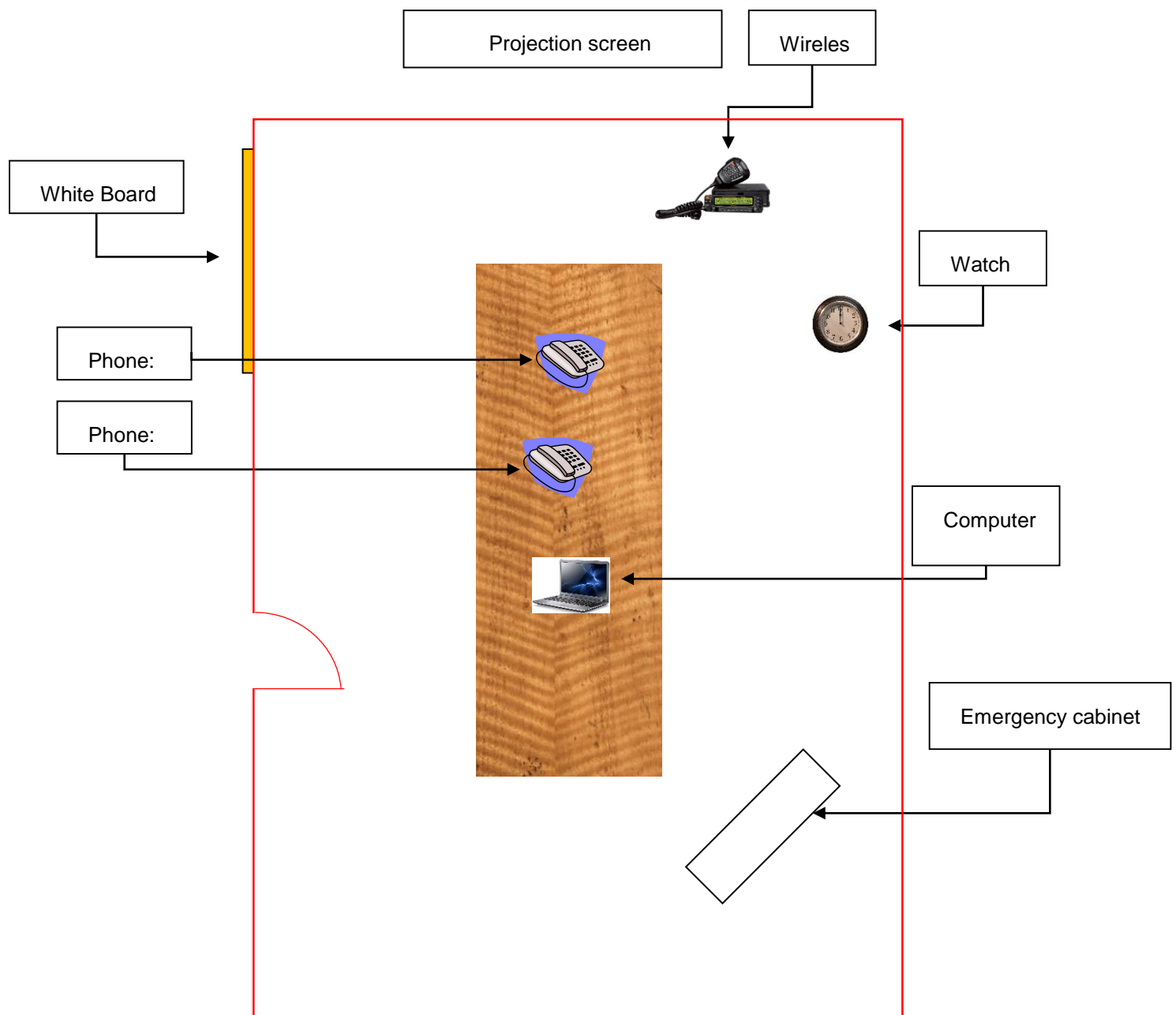
8.7.1. Advanced Control Center

Advanced Control Center is a control centre in the area of emergency where all activities regarding emergency intervention is done. The person in charge for this location is the Incident Scene Coordinator. It is forbidden to enter the area and center except person(s) authorised by Incident Scene Coordinator. If the incident is at the facility, it will be set in the meeting room of Advanced Control Centre. If the incident is at the outdoor establishment, the Advanced Control Centre will be set at the meeting room of open pit.

All personnel shall work under Incident Scene Coordinator upon arrival of scene. There shall be no activities without consent of Incident Scene Coordinator. Acacia Mining Rescue Team (ART) and ART's Captain shall also work under Incident Scene Coordinator during an on-site incident

During project period until beginning of ore production in the field of Acacia Mining Operations Inc., advanced control centers are designated in preparedness of facility, open pit and waste storage. During the project of open pit, facility and waste storage, the meeting rooms of executive authorities by main subcontractors that are in charge for this project are the advanced control center. Advanced control centre is managed by project director or his/her representative during projects. Everybody in the area is required to follow verbal or written instructions.

8.7.2. Emergency Control Centre Layout Plan (Central Office Meeting Room)



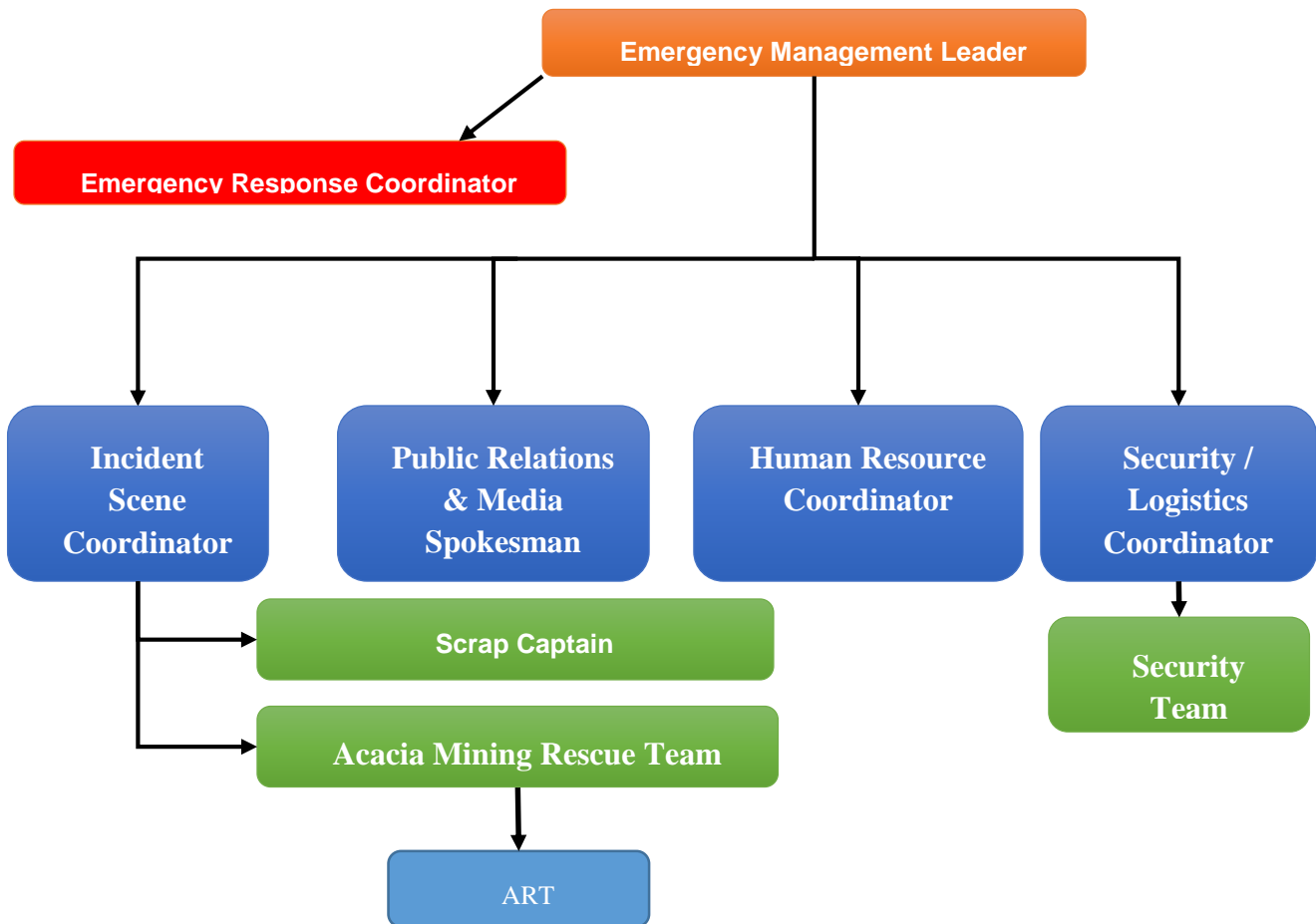
8.8. External Emergencies

All responsibilities of this plan during external emergency cases are valid as they are in internal emergency cases. Coordination between the rescue team and the emergency management team during an external emergency case is ensured by assigned person by General Manager

8.9. EMERGENCY MANAGEMENT TEAM

During an emergency, roles of emergency management team as is in the plan. The structure of Emergency Management Team in Acacia Mining Operations Inc. is made up of followings:

- **Emergency Management Leader** : General Manager
- **Emergency Response Coordinator** : OHSE Manager
- **Incident Scene Coordinator** : Department Director and Manager
- **Public Relations & Media Spokesman** : Director of Public Relations
- **Human Resource Coordinator** : Human Resource Manager
- **Security / Logistics Coordinator** : Administrative Affairs Directorate
- **Security Team** : Private Security Company
- **Acacia Mining Rescue Team Captain** : Special Assigned Person
- **Scrap Captain** : Environmental Engineer
- **ART** : Acacia Mining Rescue Team



8.10. DUTIES AND RESPONSIBILITIES

Any personnel that is assigned to any above outlined position must know his/her own responsibilities, the Emergency Action Plan and its contents.

Likewise, any personnel that is assigned to any above outlined positions must transfer their outlined duties and responsibilities in this plan to assigned person(s) in case of leaving the site for any reason.

Any of the duties and responsibilities of these positions may vary depending on a person's availability and experience. However, before a suitable person is nominated, the person can not abandon his/her responsibilities.

8.10.1. General Manager - Emergency Management Leader

General Manager is responsible for any crisis and emergency that may occur in mining or surrounding of Acacia Mining Operations Inc. as well as any intervention to be done. Although the person holding this position may transfer some of his/her responsibilities, the transferred person must be aware of the responsibilities and be capable of fulfilling them. To check whether duties and responsibilities are fulfilled, the page that specifies duties and responsibilities should be used.

Primary duties and responsibilities of the assigned person in this position are described as follows:

<u>Before Incident</u>
<ul style="list-style-type: none">• Providing execution of applications for emergency preparedness,• Ensuring that planning, instruction and directions regarding an emergency are set.• Organising drills during assessment of emergency preparedness and taking an active role,• Evaluating competence in activities of emergency preparedness, and revising,
<u>During Incident</u>
<ul style="list-style-type: none">• Ensuring of relevant legal authorities to be truthfully informed.• Ensuring the security of mine site to be provided• Being ready for possible press statement,• Ensuring of all communications and incidents to be documented.• Declaring or having someone declare a state of Emergency (to upper management, public and media)• Making joint statement with director of public relations before making statement,
<u>After Incident</u>
<ul style="list-style-type: none">• Organising crisis consultancy when required• Building and assigning of investigation team and following their activities.• Declaring or having someone declare the termination of emergency (to upper management, public and media)• If required, assigning and informing media spokesperson for media,• Evaluating Emergency Management tasks, and setting short and long term managerial goals to increase its effectiveness.• Determining the necessary resources for achieving the goals

8.10.2. Director of Occupational Health Safety and Environment - Emergency Coordinator

It manages any interventions in case of emergency that may occur in minning or surrounding of Acacia Mining Operations Inc.. It provides technical consultation for execution of all organising interventions under the responsibility of General Manager Although the person holding this position may transfer some of his/her responsibilities, the transferred person must be aware of the responsibilities and be capable of fulfilling them. To check whether duties and responsibilities are fulfilled, the page that specifies duties and responsibilities should be used.

Primary duties and responsibilities of the assigned person in this position are described as followings:

<u>Before Incident</u>
<ul style="list-style-type: none">• To support execution of applications for emergency preparedness in the mining area and related departments,• Taking charge in the preparation of emergency plans and procedures,• Organising drills during assessment of emergency preparedness and taking an active role in them.• Evaluating the competence in activities of emergency preparedness, making proposals for editing if necessary,• Developing security plans for Emergency Control Centre.• Alternatively forming and training your own representative
<u>During Incident</u>
<ul style="list-style-type: none">• Selecting, installing and activating Emergency control center• Providing and verifying emergency communications• Ensuring of minning Rescue Team and Incident Scene Coordinator to be present and determination of intervention target• Informing directors of the department about the situation and giving advise on interventions,• Notifying legal authorities about assignment of the General Manager,• To verify that the security of mining area is provided,• To verify being ready for possible press statement,• To verify thar all communications and incidents to are documented.• Providing coordination between directors and giving advise on additional jobs that needs to be done according to the state of emergency.
<u>After Incident</u>
<ul style="list-style-type: none">• Gathering and filing all the documents that have been used during an emergency• Making proposals for revision and improvement of performance for operation and equipment• Making a final informative meeting with the emergency management team• Assisting of writing "Post Incident Report" for Emergency Management Team,• Proposing required resources for goals to be achieved.

8.10.3. Department Director(s) - Incident Scene Coordinator

Related field director will be settled in the emergency area with mine rescue team leader. While other directors also may be called to perform, they must be reachable and ready to help if requested. Example; to help consulting technical support by

even stopping production of facility for any incident occurred in open pit. Incident Scene Coordinator shall use the page where his/her duties and responsibilities are specified. Primary duties and responsibilities of the relevant director is as following:

Before Incident

- Providing execution of applications for emergency preparedness,
- Taking an active role and provide technical support in the preparation of plans and instructions regarding an Emergency,
- Taking an active role in organised drills during assessment of emergency preparedness.
- Evaluating competence in activities of emergency preparedness, making proposals if necessary,
- Alternatively forming and training your own representative

During Incident

- Incident Scene Coordinator to wear a luminous vest and ensuring his assigned person(s) are wearing “STAFF” written vests,
- Receiving Feedback from General Manager/Emergency Coordinator,
- Decides how/where and who to conduct an intervention for an incident and puts limitations,
- Establishing Advanced Control Centre and managing Incident Scene Coordinator and AKE.
- Ensuring the activation of announcement system in case of evacuation in the facility,
- Providing and allocating both internal and external resources,
- To check functioning of personnel, equipment and resources during an emergency state.
- Making proposals to the Director of Emergency about necessary resources.
- Ensuring accurate record of events to be taken (to document all activities and communications)
- Following-up of all personnel in Muster Point who have been affected by an emergency state - numbers of people to be taken
- Acacia Mining Rescue Team leader and Waste Manager to be in good cooperation.
- Providing security of the incident scene and the access of scene to be limited to emergency personnel.
- Withdrawing of emergency team In case of incident to be severed.
- Providing technical proposals to the Director of Emergency Control Center and Mine Rescue Team.

After Incident

- Preventing personnel from removing equipment or materials or disrupting the scene of incident.
- Being fully supportive to the research team.
- Attending to informative meeting
- To prepare the records and documentation of the loss and damage equipment.
- Assisting the Director of Emergency based on required investigations and reports.
- Providing necessary technical support for avoiding recurrence of an emergency, and taking precaution

8.10.4. Administrative Manager - Safety & Logistics Coordinator

Private security control center at Acacia Mining Operations Inc. is determined as the Control Center for an emergency. Specially Channel 1, but including all other radio channels are followed by the security. In case of any internal or external emergency state, private security team is available at contact center. Incident Scene Coordinator shall use the page where his/her duties and responsibilities are specified in the plan. Although the person holding this position may transfer some of his/her responsibilities, the transferred person must be aware of the responsibilities and be capable of fulfilling them. Primary duties and responsibilities of the relevant position is as following:

<u>Before Incident</u>
<ul style="list-style-type: none">• Providing execution of applications for emergency preparedness in the working are of related department/units,• Determining ways to supply of logistic and assigning logistical support that may be required for emergency related administrative aspects.• To identify additional areas of use that may be needed in an emergency situation in the field.• Taking an active role in organised drills during assessment of emergency preparedness.
<u>During Incident</u>
<ul style="list-style-type: none">• Receiving information from General Manager/Emergency Coordinator,• To address the management of security department ,• Keeping the Field / Main door for entrance and exit under control,• Ensuring a safe and proper evacuation is performed in cases where evacuation of field is decided.• Supporting the security in the scene of incident when required,• If needed, getting assistance from law enforcement agencies with the direction of General Manager to take precaution against physical threats (armed attacks, bomb threats, etc.)• Organising the supply in food, water and accommodating equipment for emergency and rescue teams.• Providing transportation for workers of emergency state when required.• Submitting an information report to the Director of Emergency on a regular basis.• Ensuring accurate record of events to be taken (to document all activities and communications)• Supplying personnel and equipment when needed.
<u>After Incident</u>
<ul style="list-style-type: none">• If required, assigning an watchman to prevent any intervention to the field.• Assisting the Controller of Emergency based on required investigations and reports.• Attending to informative meeting• Making proposals for revision and improvement of safety and logistical performance.

8.10.5. Human Resource Manager - Human Resource Coordinator

Human Resource agencies shall use the page where their duties and responsibilities are specified in the plan. Although the person holding this position may transfer some of his/her responsibilities, the transferred person must be aware of the responsibilities and be capable of fulfilling them. Primary duties and responsibilities of the relevant position is as following:

<u>Before Incident</u>
<ul style="list-style-type: none">• Taking an active role in the preparation of emergency plans and procedures,• Taking an active role in organised drills during assessment of emergency preparedness.• Evaluating competence in activities of emergency preparedness, making proposals if necessary,• Developing appropriate methods for enter/exit of the field.
<u>During Incident</u>
<ul style="list-style-type: none">• Receiving information from General Manager/Emergency Coordinator,• by using electronic based systems, assisting Incident Scene Coordinator in case of failure to complete enumeration Employees,• reaching registration information of person(s) who left the field and may be required to be contacted.• Ensure the fulfilment of legal obligations in case of serious and fatal injuries.• Submitting an information report to the Director of Emergency on a regular basis.• Keeping a chronologic record of all actions that take place during an emergency.• Informing their families in case of extension in AKE's working period.
<u>After Incident</u>
<ul style="list-style-type: none">• Attending to informative meeting• Evaluating the long term impact of workers and their families, giving consulting in regards.• Informing families about compensation in case of serious injury or mortality,• Being supportive in accident research,• Providing emergency rescue teams resting time (e.g. paid off day)

8.10.6. Director of Public Relations - Coordinator of Public Relations

Position of Public Relations Coordinator is undertaken by Public Relations Director or Manager by assignment of General Manager. Public Relations Coordinator is the main point of contact outside the area. The page where the priority tasks and responsibilities of a person in this position are should be used to ensure the execution of all tasks and controls. Primary duties and responsibilities of a person in this position;

<u>Before Incident</u>
<ul style="list-style-type: none">• Taking an active role in organised drills during assessment of Emergency preparedness.• Improving principles about who and how to approach victim's immediate families,
<u>During Incidents</u>
<ul style="list-style-type: none">• Receiving information from General Manager/Emergency Coordinator,• Assisting human resources in order to inform the workers and their families about the latest news about an emergency state.• Being in cooperation with Human Resource and Administrative Units• Coordinating all press and public relations about the Emergency.• Analysing and defining of workers their families and sharer groups. Verifying the points of contact• Developing tasks related to press and public relations,• Sharing the content of public message and its strategy to be followed with General Manager. Receiving approval of General Manager before making any declaration.• Informing local residents regarding the incident via media.• Keeping the records of reactions by local authorities.• Building contact with local authorities and state institutions and organisations• Ensuring consistent statements to be given regarding the incidents and normalisation of process by receiving approval of General Manager.
<u>After Incident</u>
<ul style="list-style-type: none">• Attending to informative meeting• Evaluating and observing the opinion and behaviour of society.• Officially thanking the local administrators, public institutions and organisations and local stakeholders for understanding and cooperation. Explaining the public regarding the cause of the incident to explain to the community what can be done in the future.• Following the ongoing press releases and developments closely.

8.10.7. Acacia Mining Rescue Team Leader - Special Assigned Person

is the captain of the emergency intervention team. is a competent person who is extensively trained in the field of mining rescues. Acacia Mining Rescue Team (AKE) shall provide all required instructions to the team as soon as AKE Captain is requested by the General Manager. Checking whether duties and responsibilities are fulfilled, AKE Captain shall use the page that specifies duties and responsibilities should be used in this plan.

Primary duties and responsibilities of the assigned person in this position are described as followings:

<u>Before Incident</u>
<ul style="list-style-type: none">• Preparing required documents regarding rescue and intervention types as well as internal documents of Asia Mining Search and Rescue Team.• Organising necessary trainings for Acacia Mining Rescue Team, as these trainings to be at the minimum: 1. First Aid, 2. Training on Rescue in height and closed area, 3. Fire and modules (working machine, chemical, building, and forest fire) 4. Chemical Material, Waste Intervention Trainings, 5. Training on Rescue From Traffic Accidents.• Making required organisation for the team to be ready all the times.• Evaluating competence in activities of emergency preparedness, making proposals if necessary,• Keeping the contents of Emergency cabinet, which is at Emergency control center, updated
<u>During Incidents</u>
<ul style="list-style-type: none">• Working under incident scene coordinator and following his/her verbal instructions,• Not leaving Incident Scene Coordinator without his/her permission,• Leading Acacia Mining Rescue Team during the operation,• Incident Scene Coordinator may give orders to ART Team Leader, staying with him/her at this moment,• Releasing information about an emergency From Mining Rescue Building to Mining Rescue Team• Assigning Mining Rescue Team Leader,• Positioning in the area of emergency and inquire information from authorities• Creating a secure communication line with Mine Rescue Team to and to take control of their activities• Requesting personnel, equipment and other resources through Incident Scene Coordinator• If necessary, asking for external support for mine rescue team via Incident Scene Coordinator• Monitoring team members in the sense of fatigue and stress and making changes accordingly.• Mining Rescue Team during the mission, to provide information to Crime Scene Coordinator.
<u>After Incident</u>
<ul style="list-style-type: none">• Ensuring the use of emergency equipment to be ready• Attending meetings regarding emergency• If necessary, joining accident investigation

8.10.8. Environmental Engineer - Waste Manager

This position is given to someone in Environmental unit from department of İSGÇ, They are assigned as Environmental Engineers. The Environmental Engineer shall provide all required instructions to intervene in emergency and crisis as soon as Environmental Engineer is requested by the General Manager. Checking whether duties and responsibilities are fulfilled, The Environmental Engineer shall use the page that specifies duties and responsibilities should be used in this plan.

Primary duties and responsibilities of the assigned person in this position are described as followings:

<u>Before Incident</u>
<ul style="list-style-type: none">• To determine the equipment that is appropriate based on intervention to hazardous materials and always keeping them available.• Conducting a joint activity in the subject of The rescue teams environmental accidents (scenarios, drillings).• Designing required trainings regarding the waste intervention.• Preparing required documents regarding the intervention methods and decontamination.• Keeping records of security information form (MSDS) for chemical material that is used in mining site.
<u>During Incidents</u>
<ul style="list-style-type: none">• Receiving information from Incident Scene Coordinator and be in cooperation.• On the request of Incident Scene Coordinator, giving consultation to AKE about waste and accident intervention.• Requesting assistance of AKE from Incident Scene Coordinator for waste that requires special equipment, auto-breathed respirator based on the hazardous material and type of waste.• Determining the type of waste intervention with the Incident Scene Coordinator.• Making intervention plan with Captain of AKE and Incident Scene Coordinator in case of need in AKE's support.• Ensuring field decontamination to be done.• Being in good cooperation with supervisors and managers in the field.• Requesting personnel, equipment and other resources through Incident Scene Coordinator• Requesting assistance for all intervention and rescue teams when required.• Continuing performing the job tasks by receiving instructions from the Captain of AKE in case where there is failure of communication between the Captain of AKE and Incident Scene Coordinator.
<u>After Incident</u>
<ul style="list-style-type: none">• Organising cleaning of incident scene when required (e.g. chemical spill)• Attending the Emergency feedback meeting. Joining the investigation when required.• Initiating corrective actions and defining the fields of improvement if the open intervention is seen clearly.

8.10.9. Supervisors

Supervisors and relevant supporting personnel that will be assigned by the Department Director shall position themselves in the area of the Emergency and help their director. Activity to be performed by other investigating personnel. For this reason, other than those appointed should be accessible and be ready to help when asked.

Primary duties and responsibilities of the relevant supervisors are described as followings:

<u>Before Incident</u>
<ul style="list-style-type: none">• Having full knowledge as to be applicable to this plan• Ensuring of personnel to know their duties and responsibilities in case of an Emergency.• Taking active role in Emergency drills and being practitioner.• Ensuring the personnel to have knowledge about first aid, chemical safety, fire extinguishing and similar subjects.• Knowing the evacuation routes in the working areas for which they are responsible.• Keeping all Emergency equipment in working condition, storing it properly and servicing on time.• Assigning their teams to occupational health & safety and environmental trainings to increase awareness in the state of risk and hazard• Take action to prevent the growth of potentially serious hazards
<u>During Incidents</u>
<ul style="list-style-type: none">• Providing technical support to Incident Scene Coordinator and working under him/her.• Ensuring of properly trained personnel to intervent simple emergency states at starting stage. (Example, response a starting fire with extinguisher)• Take attendance and notify the Incident Scene Coordinator about missing number of personnel and missing information• To be Muster Point Supervisor if required.• When the Captain of AKE wants, providing man power and all other resources in his/her personal skills.
<u>After Incident</u>
<ul style="list-style-type: none">• Providing resources for cleaning and rehabilitation of the incident scene• Attending to informative meeting• Help to define the personnel that may need consultation• Bringing Emergency equipment to reusable condition.

8.10.10. Acacia Mining Rescue Team (ART)

Acacia Mining Rescue Team will be active during Emergency. Mining Rescue Team will be contacted by pager, radio, telephone or in person. Rescue Team is defined in the personnel list ACACIA-4000-Pln-001-Lst-001 for first aid and Rescue.

Primary duties and responsibilities of the assigned person in this position are described as follows:

During Incident

- First, moving with the principal of team safety
- Except instructed otherwise, locating in Rescue station or building of Mining Rescue Team
- Immediately getting equipped with rescue equipment and getting ready to be notified.
- Advancing in the direction of assigned ART team leader or Captain of ART by organising the equipment.
- Following the instructions of ART team leader by organising the equipment at the incident scene
- Performing activities according to the guidebook, instructions and trainings of ART
- Notifying Captain of ART regarding any requirements and progresses
- Never putting themselves in hazardous situation
- Keeping any harm to the scene at minimum to avoid prevention of research

After Incident

- Bringing all emergency equipment back to the Rescue station and make them ready for reuse.
- Attending the feedback meeting and keeping a report.

8.10.11. Other Personnel

Assignment of other personnel after the incident will be done by General Manager/ Emergency Coordinator.

8.10.12. Emergency Muster Points

Emergency Muster Points are designated in the area of Acacia Mining Operations Inc.. These places are added to the plans which are contained in the working area. In case of change of Muster Points or a new one to be added, the department of relevant field shall add this to the layout plans. Areas of Muster Points are specified as on the side with green and white signs on posts. Emergency Muster Points in the mining area;

- In front of Central Office
- Front yard of lodgement
- Front door of core depot
- In front of security cabinet front side of facility
- Across the cafeteria
- In front of security cabinet front side of open pit
- on the right side at the entrance of open tipping pit

8.10.12.1. Emergency Gathering Areas Personnel Enumeration

Evacuation of all personnel from the relevant place is under responsibility of Department director. Directors may assign someone else to perform enumeration of personnel. During evacuation, the personnel list by human resources and/or roster will be used.

ID number and name of personnel which are on site for either visit or supply is checked by the "Registration Book" at the point of security.

For whatever reason, disable, pregnant, senior, visitor and intern person(s) are under the relevant director's responsibility in case of emergency in the business. To immediately assign a authorised personnel and must help these people who are in a special group.

8.10.12.2. Emergency Muster Point Hierarchy of Responsibility

Every supervisor is responsible for enumerating his/her personnel of the same department. The supervisor with the highest hierarchy is responsible for enumeration of the all in the field. This hierarchy;

- Managers
- Director /Chief Engineer
- Senior Engineer
- Engineer
- Shift supervisor
- Team Leader
- Operator

In case the supervisors from different units in the field are peered, the field supervisor is the one who arrived the field first. If first arriving supervisor doesn't perform this, the first volunteer person shall perform it. During enumeration of Muster Points, alining of personnel and counting ACACIA-4000-Pln-001-Frm-003 is performed via Muster Point Enumeration Form

8.11. INSPECTION AND REVISION

8.11.1. Inspection

Organisations that are based for guidance for preparing, updating, and monitoring of document that is applicable to Acacia Mining Operations Inc. Gökırmak Copper Project.

- | | |
|---|---|
| - International Labour Organisation | http://www.ilo.org |
| - Republic of Turkey Prime Ministry Regulatory System | http://mevzuat.basbakanlik.gov.tr/ |
| - Occupational Health and Safety Management (USA) | http://www.osha.gov |
| - Health and Safety Institution (United Kingdom) | http://www.hse.gov.uk |
| - Worksafe (West Australia) | http://www.safetyline.wa.gov.au |

Emergency Action Plan in accordance with the advise and decisions of International Labour Organisation (ILO) is designed to meet and be applicable of instructions by Occupational health&safety and environment in prime ministry of Republic of Turkey.

8.11.2. Revision

The plan shall definitely be revised once a year by Occupational Health, Safety and Environment. In need of revision, updates shall be done by article 8.11.1

At any of below cases, the Emergency Action Plan may require revision;

- a- Change of General Manager
- b- International Labour Organisation (ILO) changes in decisions and suggestions
- c- In case of any changes in directors
- d- After emergency

- e- Serious property damages
- f- Reasons due to technological developments
- g- Legal regulations
- h- After inspection
- i- Time-out
- j- In accordance with the opinion of employees

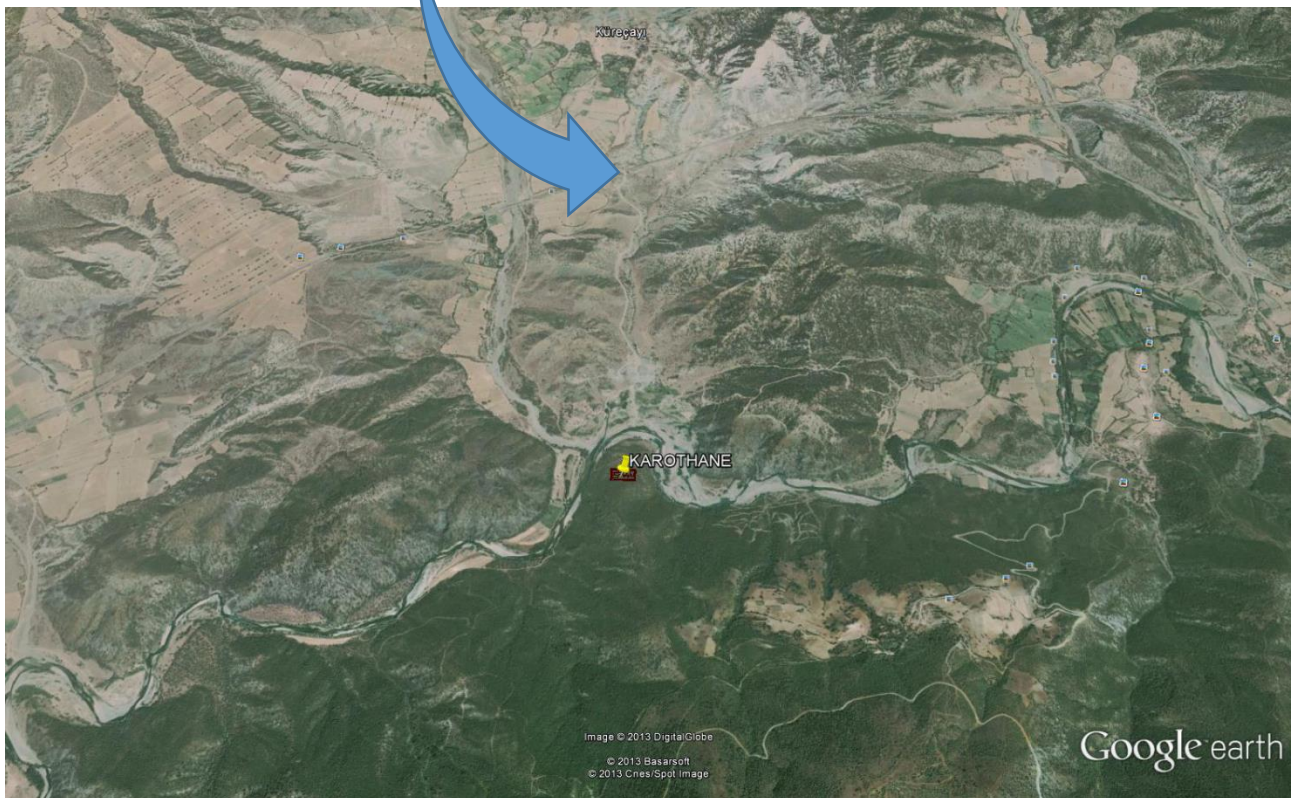
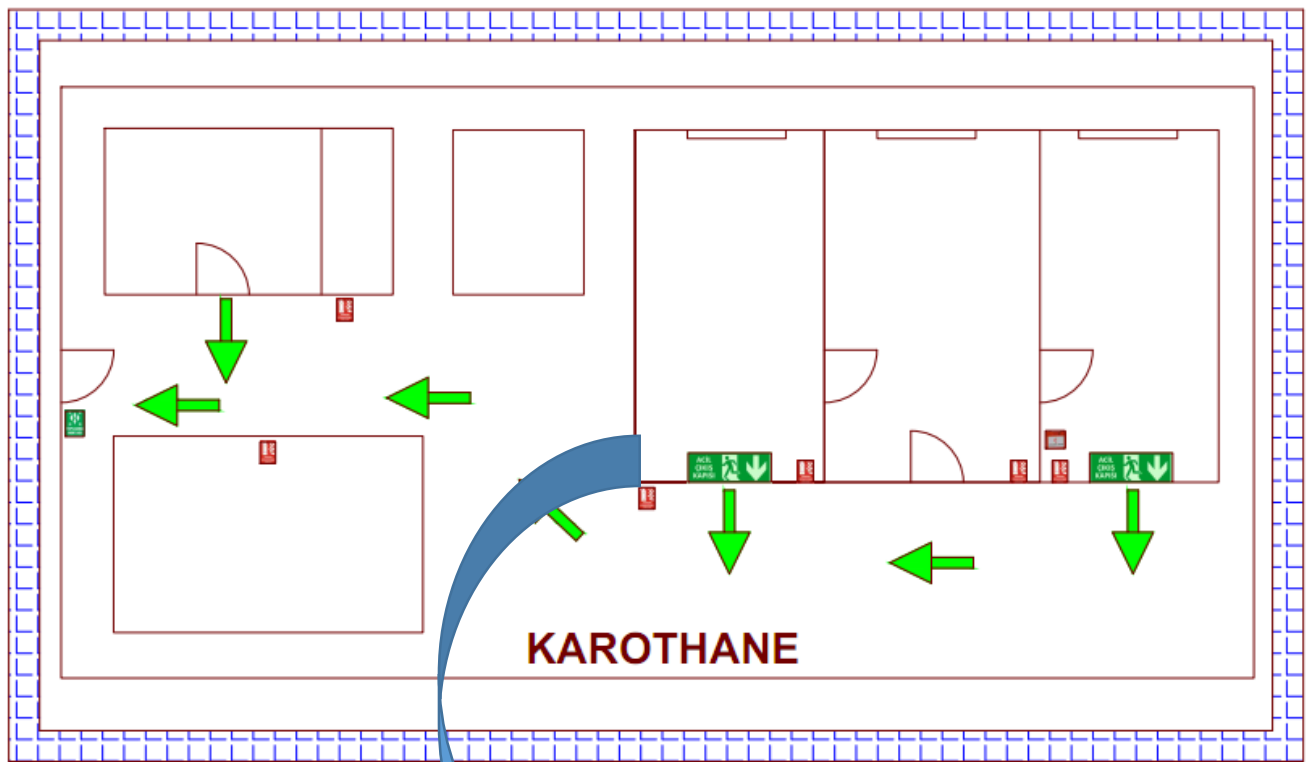
9. DISTRIBUTION LIST

This document concerns everyone entering Acacia Mining Operations Inc.'s working area. Distribution List indicated as follows.

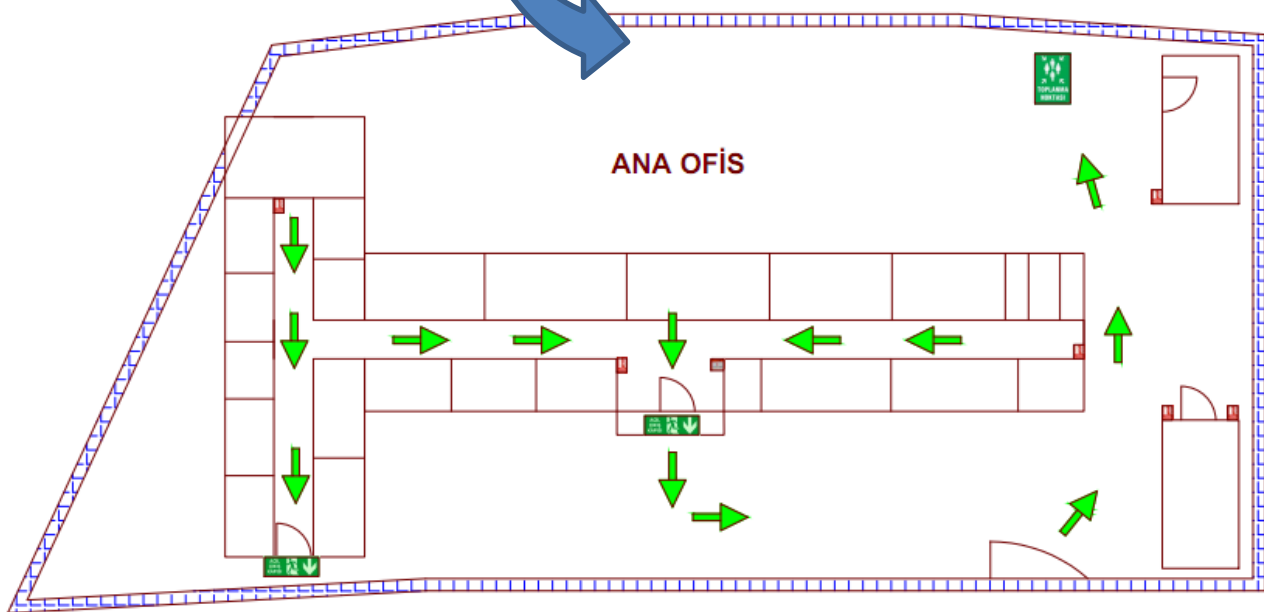
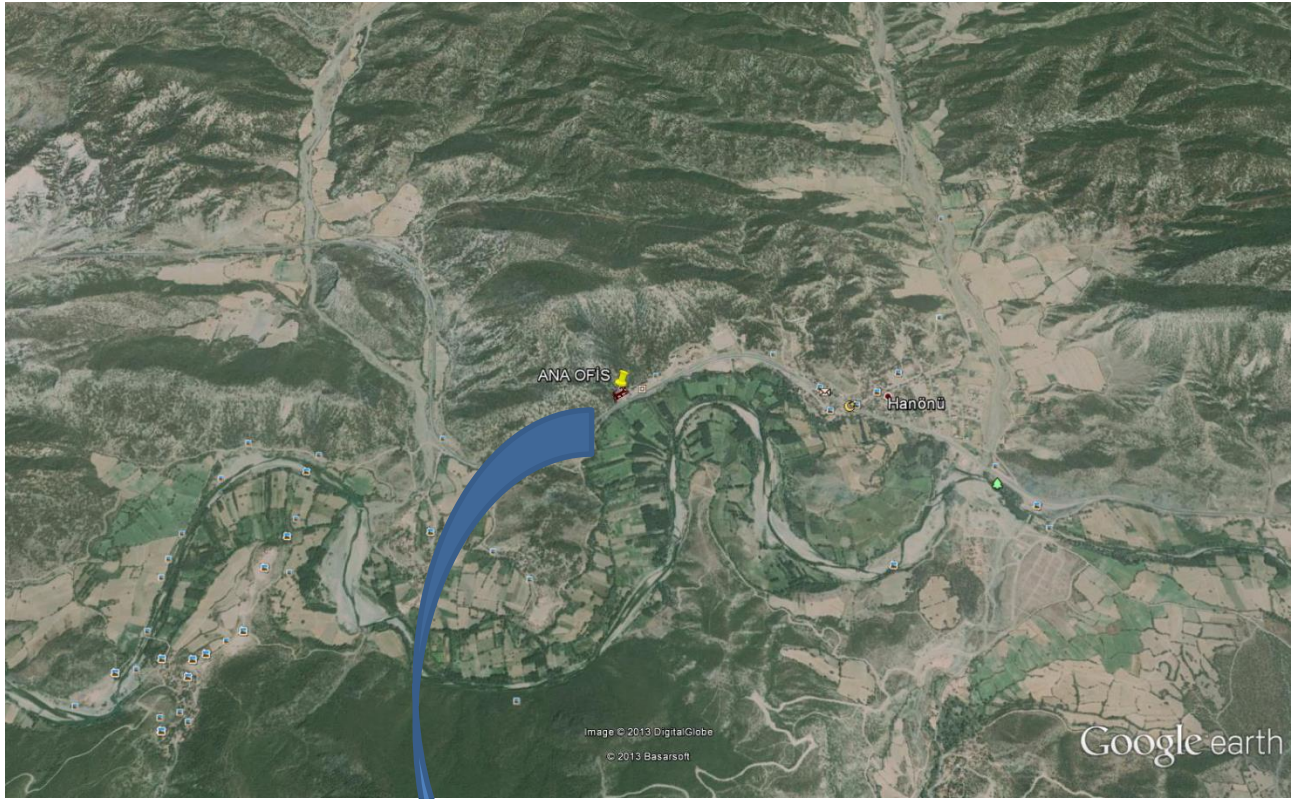
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10. Revision Record

Revision No.	Revision Date	Reason of Revision
2	13.01.2017	New General Manager



ATTACHMENT-2 Central Offices Evacuation Plan



ATTACHMENT-3 Lodgement Emergency Exits

