

DDAS Accident Report

Accident details

Report date: 06/03/2011	Accident number: 671
Accident time: 15:25	Accident Date: 19 th July 2009
Where it occurred: AL TURRAH 2 (MF 458), Sector East Al Turrah Region	Country: Jordan
Primary cause: Field Control Inadequacy	Secondary cause: Inadequate training
Class: Demolition accident	Date of main report:
ID original source:	Name of source: [Demining group]
Organisation: [Name removed]	
Mine/device: UK Mk5 AT blast	Ground condition: N/A, demolition site
Date record created:	Date last modified: 06/03/2011
No of victims: 1	No of documents:

Map details

Longitude:	Latitude:
Alt. coord. system:	Coordinates fixed by:
Map east: 36.02707 E	Map north: 32.64149 N
Map scale:	Map series:
Map edition:	Map sheet:
Map name:	

Accident Notes

Inadequate training (?)

No independent investigation available (?)

Accident report

A report of this accident was made available by the demining group involved. Its conversion into a DDAS file has led to some of the original formatting being lost. Text in square brackets [] is editorial.

The internal investigation report is reproduced below, edited for anonymity.

INCIDENT INVESTIGATION [Demining group] – MINE ACTION TEAM - JORDAN

TASK NAME AL TURRAH 2 (458), NORTH BORDER PROJECT, EAST SECTOR

GRID REF: 32.64149 N: 36.02707 E: AL TURRAH 2

MINEFIELD NO- 458, MINEFIELD TASK ID- E 458 AL TURRAH 2, SECTOR- EAST

INVESTIGATION CONDUCTED BY – [Demining group]

BURNER: [The Victim]. DATE OF BIRTH: [Not recorded]. NIC NO: [Removed]

SECTION COMMANDER: [Not recorded]. TEAM LEADER: [Name removed].

TIME OF INCIDENT: 03:25 PM, DATE OF INCIDENT: 19 JULY 2009

NATURE OF INJURY: Face Injury. TYPE OF MINE: Anti Tank MK5

IMSMA DETAILED REPORT FOR MINE INCIDENT Sunday, 19 July 2009

Part 1 – Description of the incident

1. Organisation name: [Demining group], JORDAN Team No: Manual Team 3.
2. Incident date: 19/07/2009. Time: 03:25 PM
3. Location of incident: NORTH EAST SECTOR Province: ALRAMTHA, Village: AL TURRAH, Project or task No: E 458 AL-TURRAH 2
4. Name of site manager or team leader: [Name removed].
5. Type of incident: MK5 AT MINE, uncontrolled detonation of a mine
6. Device was detonated by: Burner
7. Device detonated while: Burning Mines
8. Device was found in an area classified as: a burning area
9. Narrative (Describe how the incident happened. Attach additional pages and photographs or diagrams to assist in clarifying the circumstances surrounding the incident):

The burner prepared one MK5 stuck mine inside the stuck mine burning pit; he burned the mine in the right procedure and lift the burning area to a safe distance. The mine took a long waiting time to be burned that caused the deminer to go back to the burning area to check the reason, on his way back to the burning area the MK5 stuck mine blasted and small fragments hit the burner in his chin and face and caused the some injuries.

Part 2 – Injuries

10. Did the incident result in any injuries? Yes
11. List people injured and nature of injury:
[The Victim], Burner, wounds at his Rt. Side of his chin (0.5cm) superficial wounds at his lower Rt. Side of his and bruise of his Rt. Lower side of his Rt. Eye.

Part 3 – Equipment damages

12. Did the incident result in any damage to equipment or property? No
13. List any mine action equipment or property damage: None
14. List damage to equipment or property owned by a member of the public or the government.

Include contact details of the owner or responsible person.

Part 4 – Explosive hazard

15. Provide details of mines/UXO/ other devices that were involved in the incident.

AT Mine, UK Mk5, Burning

16. State specific device (if known): AT MK5 mine

17. Comments (include measurements of any crater resulting from the explosion): [None]

Part 5 - Site conditions

18. Describe the conditions at the site at time of the incident

Ground/Terrain: flat

Weather: Clear, hot

Vegetation: [none]

Part 6 – Team and task details

20. Qualifications of member(s) involved in the incident:

[The Victim], Burner, Manual Team 3

21. How long had this team been?

a. At this site? [No entry]

b. working on this task? [No entry]

c. working on the day? [No entry]

22. Detector type: N/A

23. Hand tool: [None]

24. PPE: Vest, Visor

25. Comments: [The Victim stated]: I burned the mine and stood back taking the adequate safe distance from the burning area, after 5 minutes the mine was blasted and the fragments came on me and made a small injury in my face.

Part 7 - Medical & First Aid

Medical treatment required? Yes

26. Medical Support at Incident Site: Medic, 1st Aid Kit, Stretcher, Ambulance, Safety Vehicle, Radio to call forward medic.

27. Was a Mine Incident Drill carried out? Yes

28. Time and distance data

a. Time from incident to SECTION MEDICAL POINT (02) minutes

b. Time spent at site administering treatment: 8 minutes

c. Time from evacuation FROM to arrival King Abdullah Hospital: 22 minutes

Part 8 – Reporting procedures

Reported by: [Name removed], [Demining group] Amman Office to: [Demining group] Offices & NCDR

Investigation conducted by: [Name removed], [Name removed]

Report compiled/translated by: [Name removed]

Verified by: [Name removed]

Observations and Recommendations

The incident happened due to an individual mistake that the burner have to wait at least 30 min before checking any doubt situation.

Signed: Operations Coordinator, 19 JULY 2009

Victim Report

Victim number:	Name: [Name removed]
Age:	Gender: Male
Status: Burner/deminer	Fit for work: Presumed
Compensation: Not made available	Time to hospital: 32 minutes
Protection issued: Frontal apron, Mask visor, blast boots	Protection used: Frontal apron, blast boots

Summary of injuries:

INJURIES: Minor face

COMMENT: Face injury: wounds at his Rt. Side of his chin (0.5cm) superficial wounds at his lower Rt. Side of his [sic] and bruise of his Rt. Lower side of his Rt. Eye.

No medical report was made available.

Analysis

The primary cause of this accident is listed as a *Field Control Inadequacy* because the Victim was in breach of the demining group's SOPs and his error was not corrected. His return to the burning pit was premature, and he was not wearing appropriate facial protection. The secondary cause is listed as *Inadequate training* because the Victim did not seem to know that he was supposed to wait 30 minutes before approaching the burn.

Burning of AP and AT blast mines can be controversial but this group has done it safely in Jordan for several years. The accident record can provide evidence of a procedure's safety, but the absence of photographs or detailed medical information in this report reduces its value as evidence.