



#### **GOVERNING REGULATIONS**



DoDI 6055.7 - Accident Investigation, Reporting, & Recordkeeping

AR 385-10 – The Army Safety Program

DA PAM 385-40 - Army Accident Investigations & Reporting

ER 385-1-99 – Accident Investigation & Reporting

EM 385-1-1 – Safety and Health Requirements



#### **USACE ACCIDENT**



A <u>USACE accident is</u> defined as an unplanned event, or series of events, which results in one or more of the following:

OCCUPATIONAL ILLNESS TO USACE MILITARY OR CIVILIAN PERSONNEL

INJURY TO ON-DUTY USACE CIVILIAN PERSONNEL

INJURY TO USACE MILITARY PERSONNEL ON OR OFF-DUTY

INJURY TO VOLUNTEERS

DAMAGE TO USACE PROPERTY

DAMAGE TO PUBLIC OR PRIVATE PROPERTY OR INJURY TO PUBLIC

INJURY OR OH ILLNESS TO ON-DUTY CONTRACTOR EMPLOYEES SUPERVISED BY USACE PERSONNEL INJURY / OH TO ON-DUTY CONTRACTORS + WHERE REPORTING TO USACE IS CONTRACTUALLY REQUIRED.

INJURY OR DEATH TO MEMBERS
OF THE PUBLIC WHO ARE
RECREATING AT USACE-OWNED /
OPERATED AREAS

Note: Mishap is synonymous with accident.



#### **ACCIDENT TYPES**



#### REPORTABLE ACCIDENT

All occurrences that cause injury, occupational illness, or property damage of any kind must be reported to the employee's supervisor and SOH office.

#### RECORDABLE ACCIDENT

Reportable accident that meets the minimum criteria stated in the regulation for aviation and ground Class A through E accidents.

#### **NEAR MISS**

A potentially serious mishap or incident that could have resulted in personal injury, death, or property damage, damage to the environment or illness but did not occur due to one or more factors.

TAKEAWAY: All accidents are <u>reportable</u>, but not all accidents are <u>recordable</u>.



### **ACCIDENT CLASSIFICATION**



	CLASS	DEFINITION - AN ARMY ACCIDENT IN WHICH:
SIE	8 A	<ol> <li>The total cost of property damage of \$2,500,000 or more;</li> <li>An Army aircraft is destroyed, missing or abandoned;</li> <li>An injury and/or occupational illness results in a fatality or permanent total disability.</li> </ol>
SIE	В	<ol> <li>The total cost of property damage of \$600,000 or more, but less than \$2,500,000;</li> <li>An injury and/or occupational illness that results in permanent partial disability; or</li> <li>When 3 or more personnel are hospitalized as inpatients as the result of a single occurrence.</li> </ol>
	С	<ol> <li>The resulting total cost of property damage is \$60,000 or more but less than \$600,000;</li> <li>A nonfatal injury or occupational illness that causes 1 or more days away from work or training beyond the day or shift on which it occurred; or</li> <li>Disability at any time (that does not meet the definition of Class A or Class B and is a day(s)-away-from-work case).</li> </ol>
	D	<ol> <li>The resulting total cost of property damage is \$25,000 or more but less than \$60,000;</li> <li>A nonfatal injury or illness results in restricted work, transfer to another job, medical treatment greater than first aid, needle stick injuries, and cuts from sharps that are contaminated from another person's blood or other potentially infectious material, medical removal under medical surveillance requirements of an OSHA standard, occupational hearing loss; or</li> <li>A work-related tuberculosis case.</li> </ol>
	Е	Total cost of property damage is \$5,000 or more but less than \$25,000.
	F Aviation Only	<ol> <li>The resulting total cost of property damage is \$5,000 or more but less than \$20,000.</li> <li>Recordable incidents are confined to aircraft turbine engine damage because of unavoidable internal or external foreign object damage, where that is the only damage (does not include installed aircraft auxiliary power units).</li> </ol>
	Recordable ublic Fatality	Results in the death of one or more members of the public who are recreating at USACE-owned or operated areas where CFR Title 36, Chapter III, Part 327, "Parks, Forests, and Public Property" is applicable. These accidents are recordable and require a Accident Notification and an accident investigation report.



# THREE REPORT TYPES ON ENG 3394 EXT



1. WHO IS REPORTING MISHAP					
a. Name:	b. Phone number:				
c. Email address:	d. Signature:				
1. Near Miss Report. (No injury/illness, or property dar	mage. Complete all fields with underlined text.) Date:				
e. Report type: 2. Initial Accident Report. (For accident notification with	nin 24 hrs, Complete all fields with underlined text.) Date:				
3. Final Accident Report. (For reporting findings from a	accident investigation, complete full form.)  Date:				
f. Mishap Type. (Check all that apply)					
Fatality Injury/Illness	Property Damage Near Miss				
g. Were any of the following items associated with the mishap?	es No (If yes, check all that apply)				
Electrical and/or Hazardous Energy  Working at Heights  Di	ving Load Handling Equipment or Rigging Cocupational Health Exposure				



# THREE REPORT TYPES ON ENG 3394 [EX]



1. WHO IS REPORTING MISHAP								
a. Name:	. Name: b. Phone number:							
c. Email address	<u>s:</u>		<u>d</u>	l. Signat	ure:			
	1. Near Miss Repor	t. (No injury/illness, or prope	erty dama	ge. <u>Con</u>	mplete all fields	with underlined text.)	Date	:
e. Report type:	2. Initial Accident Report. (For accident notification within 24 hrs, Complete all fields with underlined text.)							
	3. Final Accident Report. (For reporting findings from accident investigation, complete full form.)					Date		
f. Mishap Type.	f. Mishap Type. (Check all that apply)							
Fatality	Fatality Injury/Illness Property Damage Near Miss							
g. Were any of	the following items asso	ciated with the mishap?	Yes	No	(If yes, cl	heck all that apply)		
Electric Energy	al and/or Hazardous	Working at Heights	Divir	ng [	Load Handlir Rigging	ng Equipment or	Occup Expos	oational Health sure

#### **THREE REPORT TYPES ON ENG 3394**

#### 1. Near Miss:

or more factors.

Used for reporting and investigation a potentially serious mishap or incident that could have resulted in personal injury, death, property damage, damage to the environment or illness but did not occur due to one

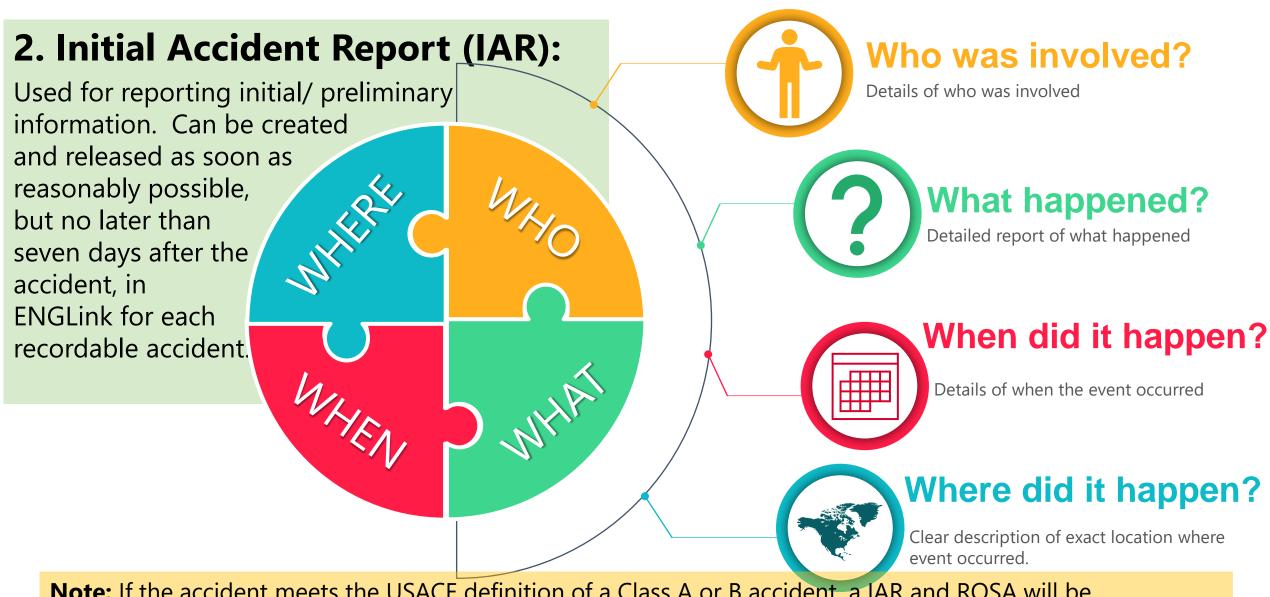


#### Where did it happen?

Clear description of exact location where event occurred.

**Note:** Depending on potential seriousness of near miss a more in-depth investigation may be needed. The assessment of WHY the near miss occurred can be conducted.

#### **THREE REPORT TYPES ON ENG 3394**



**Note:** If the accident meets the USACE definition of a Class A or B accident, a IAR and ROSA will be automatically populated.



## THREE REPORT TYPES ON ENG 3394 W



#### 3. Final Accident Report (FAR):

Used for reporting all accident and investigation information. Can be created and released as soon as reasonably possible, but no later than 45 days after the

accident in ENGLink. This

must be completed for all

recordable accident.

Who

Why

What

Where

When

#### Who was involved?

Details of who was involved

#### What happened?

Detailed report of what happened

#### When did it happen?

Details of when the event occurred

#### Where did it happen?

Clear description of exact location where event occurred.

#### Why did it happen?

Determine the causal factors that led to event occurring.

#### What corrective actions are needed to prevent reoccurrence?

Describe all steps taken or planned to prevent reoccurrence.

**Note:** If more time is needed to complete FAR the local safety office may extend the seven days and permit more as needed. The IAR must be completed within seven days.



Accident Classes	Initial Notification to GDA. (By phone, email, or IAR.)	IAR entered in ENGLink and released.	FAR entered in ENGLink and signed.
Class A	Within 8 hrs.	Within 8 hrs. (Release a ROSA)	As soon as possible. Not to exceed 45 days
Class B	Within 8 hrs.	Within 8 hrs. (Release a ROSA)	As soon as possible. Not to exceed 45 days
Class C	Within 24 hrs.	Within 7 days	As soon as possible. Not to exceed 45 days
Class D	Within 24 hrs.	Within 7 days	As soon as possible. Not to exceed 45 days
Class E	Within 24 hrs.	Within 7 days	As soon as possible. Not to exceed 45 days
Near Miss	Within 24 hrs.	As determined by local SOHO / MSC	As determined by local SOHO / MSC
Other Reportable	Within 24 hrs.	As determined by local SOHO / MSC	As determined by local SOHO / MSC



### SECTION 1 ENG 3394



1. WHO IS REPORTING MISHAP					
a. Name:	<u>b. P</u>	hone number:			
c. Email address:	d. Signature:				
1. Near Miss Report. (No injury/illness, o	or property damage. Complete all field	ds with underlined text.)			
e. Report type: 2. Initial Accident Report. (For accident notification within 24 hrs, Complete all fields with underlined text.)					
3. Final Accident Report. (For reporting findings from accident investigation, complete full form.)					
f. Mishap Type. (Check all that apply)					
Fatality Injury/Illness	Property Damage	Near Miss			
g. Were any of the following items associated with the misha	ap? Yes No (If yes,	check all that apply)			
Electrical and/or Hazardous Energy  Working at Heigh	hts Diving Load Hand	lling Equipment or Occupational Health Exposure			



#### SECTION 2 ENG 3394



2. WHO WA	AS INVOLVED IN THIS MISHAP?			
a. Name:				
b. Personnel Classification:	c. Time employee began work:			
d. Gender: e. Date of birth (for Government)	nent personnel only):  f. Age:			
g. Date hired: h. Primary language:				
i. Is individual a supervisor? Yes No j. Duty status	at time of mishap: k. Years experience in job:			
I. What was individual doing when mishap occurred? (Select act	tivity from the drop On duty (TDY)			
1. General activities:	Off duty  Off duty  icle/Equipment/Vessel:			
	Off duty (TDY)			
3. Sports / Recreation:	Not applicable . Other not listed:			
m. Did individual utilize all OSHA / EM 385-1-1 required Personn	nel Protective Equipment (PPE) for activity?			
If no, identify missing PPE:				
n. Was a Personal Flotation Device used?				



### **SECTION 2 CONTINUED ENG 3394**



p. Government personnel only:		
1. Job series:	2. Rank:	3. Grade:
4. Center / Division / Lab:	<u>·</u> 5	5. District:
q. Contractor personnel only:		
1. Employer / Contractor name:		
2. Individual's occupation / trade:	d:	
r. If mishap occurred on a contractor site, provide the following:		
Prime Contractor name:		
2. Contract number:	3. Contract type:	4. Funding type:



#### SECTION 3 ENG 3394



3. WHAT TYPE O	F INJUR	RY / ILLNESS OCCURED?
a. Severity of injury/illness?	•	b. Type of Injury/Illness:
c. Identify body part(s) affected by injury / illness:	'	
Primary body part affected:		Secondary body part affected:
	•	•
Brain/Head/Skull		^
Ear		
Eye		
Face		
Forehead		gency room ? Yes No N/A
Cheek(s)		<u>()</u>
Chin		
Mouth		Country:
Tooth/Teeth		Was OSHA notified? Yes No
Note: OSHA requires reporting all work-related latalities within 6 hours	апо іп-ра	atient nospitalizations, amputations and loss of an eye within 24 hours to OSHA.
j. Estimated days away from work:		k. Estimated days of restricted / transferred duty:



# **SECTION 3 CONTINUED ENG 3394**



	3. WHAT TYPE OF INJUR	RY / ILLNESS OCCURED?	
a. Severity of injury/illness?	•	b. Type of Injury/Illness:	•
c. Identify body part(s) affected by	injury / illness:		
Primary body part affected:		Secondary body part affected:	
	•		·
d. Identify cause and source of inju	Brain/Head/Skull		^
Cause of injury / illness:	Ear		=
e. Was employee treated by a phy			
If yes, provide name of physic	Eye		
f. Was treatment given away from	Face		
h. If treatment was given away fror	Forehead		
Treatment facility name:	Classic(s)		
Address:	Cheek(s)		
City:	Chin		
i. Was employee hospitalized as a	Mouth		
Note: OSHA requires reporting all w			
j. Estimated days away from work:	10011/10011		V



# **SECTION 3 CONTINUED ENG 3394**



3. WHAT TYPE OF INJURY / ILLNESS OCCURED?					
a. Severity of injury/illness?	b. Type of Injury/Illness:				
c. Identify body part(s) affected by injury / illness:					
Primary body part affected:	Secondary body part affected:				
	•				
d. Identify cause and source of injury / illness:					
Cause of injury / illness:	ource of injury / illness:				
Absorbed	? Yes No				
Bitten By					
Bodily Reaction	employee treated in an emergency room ? Yes No N/A				
-	Government Personnel Only)				
Caught In/ Under/ Between					
Cut/Punctured By	O constant				
Evnoguro	Zip: Country:				
Exposure	ves, how many nights? Was OSHA notified? Yes No				
External Contact	tient hospitalizations, amputations and loss of an eye within 24 hours to OSHA.				
Fall from Elevation	k. Estimated days of restricted / transferred duty:				



# **SECTION 3 CONTINUED ENG 3394**



3. WHAT TYPE OF INJURY / ILLNESS OCCURED?						
a. Severity of injury/illness?		•	b. Type	of Injury/Illness:	•	
c. Identify body part(s) affected by injury / illne	ess:					
Primary body part affected:			Seconda	ry body part affected:		
		•			•	
d. Identify cause and source of injury / illness:						
Cause of injury / illness:			Source o	of injury / illness:		
e. Was employee treated by a physician or he	alth care professiona	al provide	r?	Aircraft	^	
If yes, provide name of physician or heal	th care professional p	orovider?		Animal		
f. Was treatment given away from work site?	Asbestos					
h. If treatment was given away from the work-site, where was it given? (For Govern]						
Treatment facility name:				Boat, Ship, Barge, Dredge		
Address:				Building or Working Area		
City:	State:		Zip	Chemical		
i. Was employee hospitalized as an in-patient	? Yes N	o If	yes, how	Confined Space		
Note: OSHA requires reporting all work-related fatalities within 8 hours and in-patient hos				Conveyor		
j. Estimated days away from work:			k. Estim	Ocurriny.	~	



### SECTION 4 ENG 3394



4. WHAT HAPPENED?
a. What was the primary activity occurring at the time of the mishap?
Other, not listed:
b. What happened? Provide a detailed description of the mishap. (Do not include any personally identifiable information (name, etc.).)
Note: Provide supporting photos, charts, diagrams, etc. with this report.
c. What other organizations or agencies have been notified about this mishap?



#### **SECTION 4 CONTINUED ENG 3394**



#### 4. WHAT HAPPENED? a. What was the primary activity occurring at the time of the mishap? Other, not listed: b. What happened? Provide a detailed description of the mishap. (Do not include any personally identifiable information (name, etc.).) Office work Housekeeping Food service Working on access / Haul Road Working with Hazardous or Toxic Agents and Environments Abrasive Blasting Working with Flammable Liquids Using a heating device or melting kettle Note: Provide supporting photos, charts, diagrams, etc. with this report. c. What other organizations or agencies have been notified about this mishap?



#### SECTION 5 ENG 3394

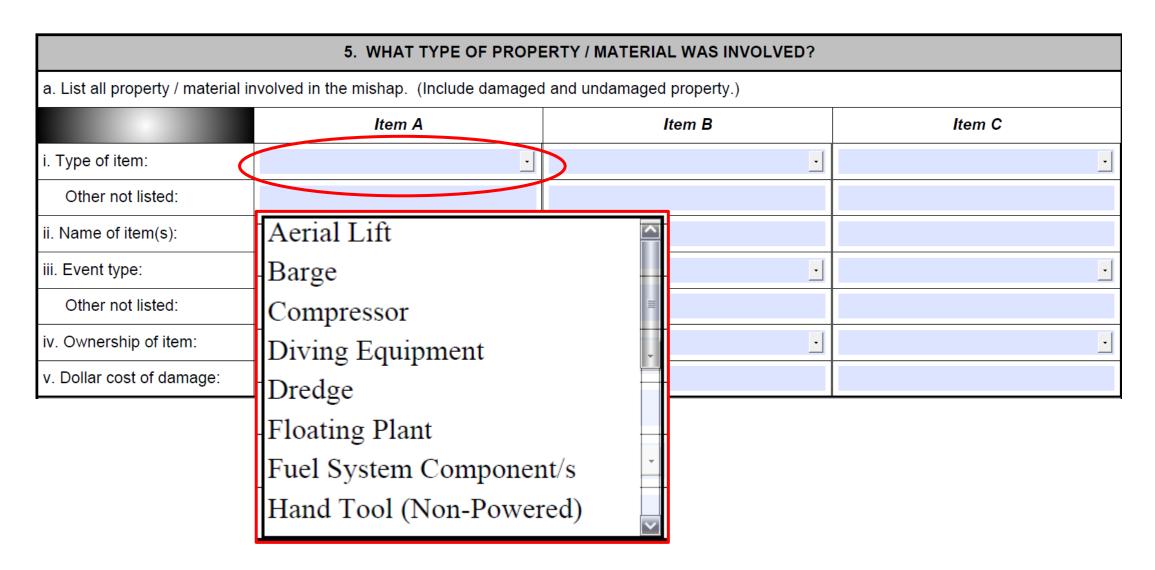


5. WHAT TYPE OF PROPERTY / MATERIAL WAS INVOLVED?			
a. List all property / material in	nvolved in the mishap. (Include damaged	l and undamaged property.)	
_	Item A	Item B	Item C
i. Type of item:			
Other not listed:			
ii. Name of item(s):			
iii. Event type:			_
Other not listed:			
iv. Ownership of item:			
v. Dollar cost of damage:			



# **SECTION 5 CONTINUED ENG 3394**







# **SECTION 5 CONTINUED ENG 3394**



	5. WHAT TYPE OF PROPE	RTY / MA	TERIAL WAS INVOLVED?			
a. List all property / material involv	ved in the mishap. (Include damaged	and unda	maged property.)			
	Item A		Item B		Item C	
i. Type of item:	_		·			•
Other not listed:						
ii. Name of item(s):						
iii. Event type:			Going Forward		^	•
Other not listed:			Backing / Revers	ing		
iv. Ownership of item:	•		Collision with pe	•	<b>*</b>	•
v. Dollar cost of damage:			Collision with ob			
			Overturned	jeet		
			Ran off the road		711	
			Jackknifed			
			Collision while to	urning	V	



### **SECTION 5 CONTINUED ENG 3394**



5. WHAT TYPE OF PROPERTY / MATERIAL WAS INVOLVED?			
em C			
•			
_			
_			
Commercial / Private			
USACE / Army			
Commercial / Private Contractor Foreign Government USACE / Army Other			



#### **SECTION 6 & 7 ENG 3394**



6. WHEN DID THE MISHAP OCCUR?					
a. Date the mishap occurred:	b. Time mishap occurred:				
c. What day did mishap occur on?	d. What period of day did mishap occur?	•			
7. WHE	7. WHERE DID THE MISHAP OCCUR?				
a. Did the mishap occur on a military Base/Post?	a. Did the mishap occur on a military Base/Post?				
b. USACE Office / Project name:					
c. Select the location type most closely associated with the mishap:					
d. Identify exact location where mishap occurred:					
Address:					
City: State:	Zip: Country:				
e. Latitude:	f. Longitude:				



## **SECTION 8 ENG 3394**



8. WHY DID THE MISHAP OCCUR? (Recommend completing this section for Near Misses.)			
A. Performance Causal Factors			
1. Did a problem with performance contribute to this mishap occurring?			
If yes, select the error that contributed most to the mishap:	•		
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
B. Support Causal Factors			
1. Did a problem with resources contribute to this mishap occurring?			
If yes, select the error that contributed most to the mishap:	-		
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
C. Standards / Policy / Planning Causal Factors			
1. Did an organizational standard / policy / or plan contribute to this mishap occurring?			
If yes, select the error that contributed most to the mishap:	•		
2. Was a written Activity Hazard Analysis (AHA) or equivalent completed and accepted by Government Designated Authority (GDA) Yes for task(s) being performed at time of mishap? (If yes, attach a copy to this report)	No		
If yes, was the AHA available and used by worker?			
3. Was a written work plan (critical lift plan, fall protection plan, etc.) required, completed and accepted by the GDA for task(s) being performed at time of mishap?	No		
If yes, was the plan available and used by worker?			



# **SECTION 8 CONTINUED ENG 3394**



8. WHY DID THE MISHAP OCCUR? (Recommend completing this section for Near Misses.)			
	A. Performance Causal Factors		
1. Did a problem with performance contribu	ute to this mishap occurring?		
If yes, select the error that contributed	most to the mishap:	•	
Describe action(s) taken, anticipated or recommended to eliminate cause(s):	This area is where you will list all actions that will be taken to preoccurrence.	revent	
	B. Support Causal Factors		
1. Did a problem with resources contribute	to this mishap occurring?		
If yes, select the error that contributed	most to the mishap:	•	
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
	C. Standards / Policy / Planning Causal Factors		
1. Did an organizational standard / policy /	or plan contribute to this mishap occurring?		
If yes, select the error that contributed	most to the mishap:	•	
	AHA) or equivalent completed and accepted by Government Designated Authority (GDA) Yeshap? (If yes, attach a copy to this report)	es No	
If yes, was the AHA available and use	d by worker? Yes No		
3. Was a written work plan (critical lift plan, fall protection plan, etc.) required, completed and accepted by the GDA for task(s) being performed at time of mishap?			
If yes, was the plan available and use	d by worker? Yes No		



### **SECTION 8 CONTINUED ENG 3394**



	D. Trainin	ng Causal Factors		
1. Did a problem with training contri	oute to this mishap occurring?	Yes No		
If yes, select the error that con	ributed most to the mishap:			-
2. Was individual trained to perform	the activity / task? Yes	No		
If yes, select type of training:	Classroom	Certification/License	On the job	
	Other, describe:			
	What was date of most recent	training?		
Describe action(s) taken, anticipal recommended to eliminate cause				
	E. Leader / Sup	ervisor Causal Factors		
1. Did any leader / supervisory mist	ake / task error contribute to this mis	shap occurring? Yes	No	
If yes, select the error that con	ributed most to the mishap:			-
2. Did the safety climate/culture con	tribute to the mishap?	No		
3. Did challenges with teamwork co	ntribute to the mishap? Yes	No		
Describe action(s) taken, anticipal recommended to eliminate cause				



# **SECTION 8 CONTINUED ENG 3394**



	E. Leader/Supervisor Causal Fac	ctors	
Did any leader/supervisory mistake/task erro	r contribute to this mishap occurring?	Yes No	
If yes, select the error that contributed mos	st to the mishap:	_	-
2. Did the safety climate/culture contribute to the	e mishap? Yes No		
3. Did challenges with teamwork contribute to the	he mishap? Yes No		
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
	F. Individual Causal Factors	5	
1. Did any individual mistakes/task errors contri	ibute to this mishap occurring?	s No	
If yes, select the error that contributed mos	st to the mishap:	<u> </u>	-
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
	G. Physical Environment Causal F	Factors	
1. Did any physical environment contribute to the	nis mishap occurring? Yes No	0	
If yes, select the error that contributed mos	st to the mishap:		-
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
	H. Material Causal Factors		
1. Did any material failure contribute to this misl	hap occurring? Yes No		_
If yes, select the error that contributed mos	st to the mishap:	_	-
2. Which failure is most closely associated with	the material failure/malfunction?		,
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			
	I. Environmental Causal Facto	ors	
1. Did any environmental condition contribute to	o this mishap occurring?	No	
If yes, select the factor that contributed me	ost to the mishap:		•
Describe action(s) taken, anticipated or recommended to eliminate cause(s):			



# **SECTION 9 & 10 ENG 3394**



9. Corrective Action plan
a. Have all corrective action(s) to prevent mishap recurrence been completed?  Yes  No
b. What person is / was responsible for corrective action plan?
c. What date will / have all corrective action(s) be/been completed by:
d. Additional information:
10. Additional Information