# Arrow S Energy Emergency Response Guide



## **Using This Guide**

**Purpose:** 

This Emergency Response Guide is designed to help personnel respond to and manage an emergency.

**Emergency Level:** 

When an incident occurs, use the Emergency Level Chart to determine the Emergency Level of the incident. The emergency level may change as the incident unfolds.

**Accompanying Documents:** 

Use this Guide along with the call lists and Site Specific Emergency Response Plans (Blue pages in this guide).

**Incident Response Plans:** 

Use the Incident Response Plan (Blue Pages 38-46) that best fits the incident. Keep in mind that these plans are designed for the First Responder and may not address all response actions for every incident.

**Staffing:** 

Staff the Incident Command positions that are applicable to the incident type and for the declared Emergency Level. Each person assigned to a position in the Incident Command organization should use the corresponding Position Description to help fulfill the duties of their role.

#### Forms:

Use the included forms to help manage and track the progress and response to incidents.

**Shift Change/Transfer of Command:** 

Any time there is a change of personnel or transfer of Incident Commander, ensure that there is a proper briefing on the status of the incident, objectives, and personnel assigned and that the change is communicated and documented.

#### **Emergency Response Priorities:**

- 1. Life Safety
- 2. Incident Stabilization
- 3. Environmental/Property Conservation
- 4. Recovery

All actions taken must support these priorities at all times.

## **Table of Contents**

Emergency Level Chart	4
Incident Command System (ICS) Chart	5
Incident Position Assignments	6
Activity Log	7
Level 1 - ICS Position Descriptions	8 - 15
Level 2 - ICS Position Descriptions	16 - 27
Level 3 - ICS Position Descriptions	28 - 37
Incident Response Plans	38 - 46
Forms	
- EOC Quick Reference Guide	48 - 49
- Incident Status Report	50
- Incident Action Plan	51

## **Emergency Level Chart**

The highest criteria level will determine the Emergency Level.

#### **Level 1 Emergency**

Incidents that are limited to the location where it occurred, is under effective and immediate control, and has relatively minor impact to people the environment, company assets, or company reputation.

Criteria	Examples	
<ul> <li>Does not threaten life</li> <li>Is not perceived to be a threat to the public</li> <li>Has brief or no media attention</li> <li>Has minor environmental impact</li> <li>Can be addressed by in-field personnel</li> <li>Generates company wide attention</li> </ul>	<ul> <li>Injury requiring evacuation of injured parties</li> <li>Reportable spill confined to lease</li> <li>Equipment damage that compromises safe operations</li> <li>Weather conditions (e.g., tornado watch) that threaten personnel and operations</li> <li>Threat of violence against personnel or operations</li> </ul>	

#### **Level 2 Emergency**

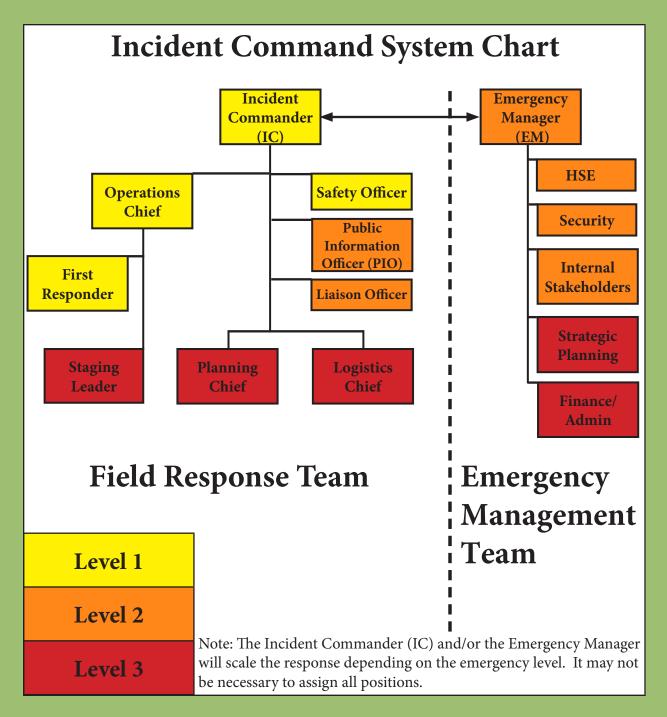
Incident control has not been achieved, imminent or near-term control is likely, and the incident has moderate impact on people, the environment, company assets, or company reputation.

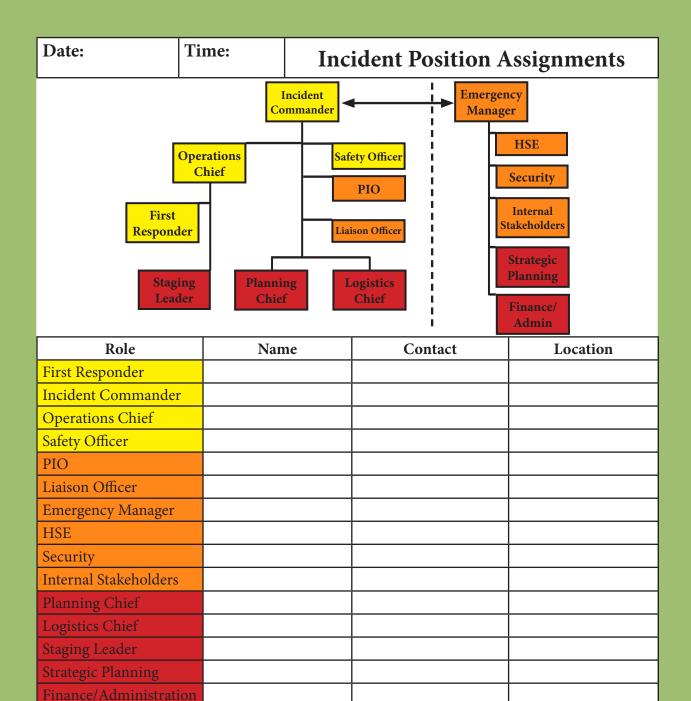
Criteria	Examples
<ul> <li>Potential threat to life</li> <li>Might jeopardize public health or safety</li> <li>Might have prolonged media attention</li> <li>Causes substantial reversible or short-term environmental damage</li> <li>Requires assistance by outside resources to control the incident</li> </ul>	<ul> <li>Serious injury resulting in hospital admittance</li> <li>Reportable spill that extends beyond the lease or pad</li> <li>Facility fire or hazardous materials release</li> <li>Significant facility damage</li> <li>Severe weather (e.g., tornado warning) which impacts personnel and/or operations</li> </ul>

#### **Level 3 Emergency**

Incident control has been lost, imminent or near-term control cannot be established, and the incident has severe impact to people, environment, or company assets, or company reputation.

Criteria	Examples	
l environmental damage	<ul> <li>Incident resulting in multiple serious injuries or death</li> <li>Spill threatening a water supply</li> <li>Event causing public evacuation and/or major media attention</li> <li>Significant environmental damage</li> <li>Emergency events lasting more than one day</li> </ul>	





# Activity Log Name: **Position:** Time **Major Events** Follow-up Required Date

#### **Position Description for:** Incident First Responder Commander Safety Officer Operations Takes direction from: Gives direction to: Chief **Operations Chief** • On-site Personnel PIO Incident Commander First Responder Liaison Officer Planning Logistics Staging Leader Chief Chief **Key Contacts for First Responder: Operations Chief Incident Commander** Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact:

Role: The First Responder is the person or persons who discover an emergency (pg 8). The First Responder is responsible for maintaining the safety of themselves and those nearby, initiating emergency response actions, and implementing the Incident Response Plan (pg 38-47).  Note: The First Responder may become the Operations Chief or Incident Commander.	Position Candidate Examples:  • Lease Operator  • Site Supervisor  • Other Field Personnel	
Initial Actions:  ☐ Ensure life safety for all responders.  ☐ Assess hazards - when evaluating the site, resis  ☐ Evacuate the area and direct others to a safe loc  ☐ Call for help - notify supervisor and 911 as required Make sure your actions/intentions are known in Select the appropriate Emergency Level and definitions.	cation. uired by Emergency Level. by others.	
Operational Tasks:  ☐ Initiate rescue operations if equipped and it is so administer first aid, provide on-going care, and ☐ Isolate energy sources if safe/applicable.  ☐ Secure the area - control on-going hazards and	d confirm emergency services have been dispatched.	
Post Incident:  ☐ Assist with recovery efforts. ☐ Participate in incident investigation.		
Emergency Level:	Time:	

Time:

Emergency Level:

#### **Position Description for:** Incident **Incident Commander** Commander Safety Officer Operations Confers with: Gives direction to: Chief Emergency Manager Command Staff PIO Operations Chief Field Response Team First Responder Liaison Officer Planning Logistics Staging Leader Chief Chief **Key Contacts for Incident Commander: Safety Officer Emergency Manager** Name: Name: Location/Contact: Location/Contact: **Operations Chief Planning Chief** Name: Name: Location/Contact: Location/Contact:

Logistics Chief	Public Information Officer (PIO)	
Name:	Name:	
Location/Contact:	Location/Contact:	

Role: The ASE Incident Commander (IC) is responsible for overall field incident management and response including the safety and health of all personnel and the public.	cident management • Superintendent		
Initial Actions:  ☐ Ensure life safety for all responders. ☐ Assess the incident to develop a preliminary response strategy. ☐ Ensure the site is secure. ☐ Establish communications with (or appoint) Operations Chief. ☐ Contact the Emergency Manager. ☐ Appoint ICS positions as the incident dictates. ☐ Re-assess the emergency level (with Operations Chief) and communicate any changes to all personnel.			
<ul> <li>□ Ensure internal and external resources are mobilized.</li> <li>□ Work with Operations Chief and Emergency Manager to develop an Incident Action Plan.</li> <li>□ Obtain regular updates from Operations Chief.</li> </ul>			
Operational Tasks:  ☐ Fill the role of any unfilled ICS positions.  ☐ Pro-actively appoint command staff to maintain an effective span of control (7:1) - consider appointing a Deputy IC.  ☐ Document all activities in the Activity Log - appoint a scribe.  ☐ Confer with government agency representatives.  ☐ Ensure proper relief for all personnel (including yourself).  ☐ Confirm decision on planned ignition if required (refer to the Incident Response Plan).			
Post Incident:  □ Declare the incident terminated and advise all personnel.  □ Initiate recovery activities.  □ Participate in incident investigation.			
Emergency Level: Time:			

## Position Description for: Operations Chief

#### Takes direction from:

Incident Commander

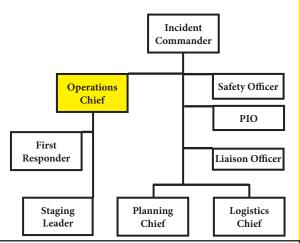
#### Gives direction to:

- On-site responders
- Staging Leader

#### Confers with:

- Planning Chief
- Logistics Chief
- Safety Officer

#### **Key Contacts for Operations Chief:**



Incident Commander	Planning Chief
Name:	Name:
Location/Contact:	Location/Contact:
Staging Leader	Logistics Chief
Name:	Name:
Location/Contact:	Location/Contact:
Safety Officer	Role:
Name:	Name:
Location/Contact:	Location/Contact:

#### **Role:**

The Operations Chief directs all tactical on-site operations personnel to perform the required emergency services, incident control actions, business recovery, and clean-up operations in support of the Incident Action Plan objectives.

#### **Position Candidate Examples:**

- Company man
- Supervisor
- Other qualified field personnel

Ini	Ensure the site is secure and restrict access to essential personnel only.  Assess incident and advise the Incident Commander of the status.  Re-assess the emergency level (with IC) and communicate any changes to all personnel.  Advise responders of best access to site.		
Op	With Incident Commander approval, take actic Request additional personnel and resources the Consider designating a staging area (and Stagin Work with Incident Commander and Emergen Document all activities in the Activity Log - Co Pro-actively assign roles to maintain an effective Deputy Operations Chief. Manage planned ignition/prevent unplanned ignition/prevent unplann	rough the Incident Commander.  ag Leader) for incoming resources.  cy Manager to develop an Incident Action Plan.  onsider appointing a scribe.  re span of control (7:1) - consider appointing a	
Pos	st Incident:  Participate in the decision to terminate the inci Participate in the incident investigation.	dent.	

## **Position Description for: Safety Officer**

Takes direction from: Gives direction to:

Incident Commander

Incident Command Staff

#### Works with:

**Advises:** 

- Command Staff
  - Emergency Responders •
- Regulatory Agencies
- Operations Chief

Incident Commander



Key Contacts for Safety Officer

Operations Chief	Incident Commander
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

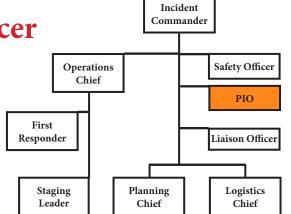
#### Role: **Position Candidate Examples: HSE** Advisor The Safety Officer monitors, assesses, and provides advice on mitigating hazardous or unsafe situations or procedures during an emergency response. **Initial Actions:** Ensure responder life safety at all times. □ Obtain incident briefing from the Incident Commander. Assess the need for on-site and off-site environmental monitoring systems (e.g., H<sub>2</sub>S). For incidents involving H<sub>2</sub>S, request a mobile air-monitoring unit. Dispatch trained personnel equipped with hand-held H<sub>2</sub>S monitors to monitor downwind of the release until the unit arrives. ☐ Ensure that the Incident Commander fully understands all safety concerns. ☐ Determine and set hot/warm/cold zones. **Operational Tasks:** ☐ Identify current and potential life safety issues. Assist with staging location and Incident Command Post (ICP) location. ☐ Help determine evacuation areas. ☐ Set decontamination areas. ☐ Confirm air monitoring is being performed on and off site. ☐ Assist with command post/emergency operations center set up. ☐ Establish and maintain a list of all on-site personnel (ASE, contractors, and public). Ensure compliance with environmental laws and regulations during emergency operations. **Post Incident:** ☐ Lead incident response critique. ☐ Lead incident investigation. Participate in recovery operations at the direction of the Incident

Commander.

## **Public Information Officer**

#### Takes direction from: Works with:

- Incident Commander
- Incident Commander
- Communications/Media
- Media agencies
- Neighbors



**Key Contacts for Public Information Officer:** 

Incident Commander	Communications/Media
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

R	sl	۵.
166	,,,	•

The Public Information Officer (PIO) is the ASE spokesperson responsible for providing approved information to the media and the public at large.

#### **Position Candidate Examples:**

- Public affairs/community relations
- Landman
- Manager
- Other qualified personnel

Init	<ul> <li>Initial Actions:</li> <li>□ Request a stand-by statement from the Emergency Management Team.</li> <li>□ Obtain incident facts and plans from the Incident Commander.</li> </ul>		
<b>Op</b>	☐ Set regular update schedule and make it known to the media. ☐ Update media sources as the situation evolves (including at incident termination).		
Pos	St Incident:  Confirm incident information was reported in a timely and factual manner.  Address any immediate concerns from evacuees upon their return to the area.		

## **Liaison Officer**

#### Takes direction from: Confers with:

- Incident Commander
- Incident Commander
- Regulatory Agencies
- PIO
- Communications/Media

Operations
Chief

PIO

First
Responder

Staging
Leader

Planning
Chief

Logistics
Chief

**Key Contacts for Liaison Officer:** 

ney contacts for Engion officer.	<u> </u>
Incident Commander	Public Information Officer (PIO)
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

<b>Role:</b> The Liaison Officer provides a single point of contact for regulatory agencies.	Position Candidate Examples:  EHS personnel  Qualified personnel	
<ul> <li>Initial Actions:</li> <li>□ Obtain incident facts and plans from the Incident Commander.</li> <li>□ Coordinate with emergency responders.</li> <li>□ Coordinate with government entities.</li> <li>□ Notify and update appropriate government agencies and local authorities.</li> </ul>		
<ul> <li>Operational Tasks:</li> <li>□ Meet with Incident Commander and other key staff for incident updates.</li> <li>□ Report updates from government entities to the Incident Commander.</li> <li>□ Maintain log of actions.</li> </ul>		
Post Incident:  ☐ Ensure appropriate follow-up and reporting to	required government agencies.	

## **Emergency Manager**

#### Confers with:

- Incident Commander
- Operations team
- HSE Director

- Engineering
- Legal
  - Communications/Media



**Key Contacts for Emergency Manager:** 

Incident Commander	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

Role: The Emergency Manager supports the Incident Commander by providing corporate guidance and resources while coordinating the activities of the Emergency Management Team.	<ul> <li>Position Candidate Examples:</li> <li>Operations Manager</li> <li>COO</li> <li>Other Senior Manager</li> </ul>		
Initial Actions:  ☐ Activate the Emergency Operations Center (EOC).  ☐ Obtain incident facts and plans from the Incident Commander.  ☐ Assemble the Emergency Management Team to support the response as needed.  ☐ Engage with the HSE team.  ☐ Engage support services as requested by the Incident Commander.  ☐ Reference the EOC Checklist on pages 48-49.			
<ul> <li>Operational Tasks:</li> <li>□ Identify and source all resources required by the IC (Financial, physical, etc.).</li> <li>□ Ensure response actions remain within ASE's risk tolerance.</li> <li>□ Make available the following as required: Engineering, Operations, Procurement, and HR.</li> <li>□ Maintain a log of actions.</li> <li>□ Work with the IC and the subject matter experts to develop and implement an Incident Action Plan.</li> </ul>			
Post Incident:  ☐ In consultation with the IC, ensure termination ☐ Participate in the recovery operation and post-i			

## **HSE**

#### **Advises:**

- Emergency Manager
- Emergency Management Team



**Key Contacts for HSE** 

<b>Emergency Manager</b>	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

## HSE

#### Role:

The HSE role supports an effective response to the incident by providing specialized expertise and resources and ensures all internal and external notifications have been made in a timely manner.

#### **Position Candidate Examples:**

- HSE Director
- Lead Safety Advisor

Initial	<b>Actions:</b>
T11161641	Trectonio

- ☐ In consultation with the Emergency Manager, confirm the Emergency Level and appropriate initial response actions.
- Assist the Emergency Manager with identification and assembly of an appropriately staffed Emergency Management Team.
- Identify contractors involved in or affected by the incident and ensure their offices are notified.
- ☐ Identify government agencies with jurisdiction related to the incident and confirm notification as required.

#### **Operational Tasks:**

- When requested by the Emergency Manager, set up the Emergency Management Center (EOC) in an appropriate location (Houston office and/or Pleasanton Yard).
- ☐ Make the Emergency Manager aware of the availability of expertise and services.
- ☐ Establish communication with government Emergency Operation Centers with Operations Area support.
- ☐ Facilitate risk assessments, if applicable.

#### **Post Incident:**

- ☐ Ensure termination of the incident is communicated internally and to government agencies.
- ☐ Participate in the recovery operation and post-incident investigation.
- ☐ Ensure appropriate follow-up and reporting to required internal group and government agencies.

## **Security**

#### **Advises:**

- Emergency Manager
- Emergency Management Team
- Contracted Security Personnel

Emergency
Manager

HSE

Security

Internal
Stakeholders

Strategic
Planning

Finance/
Admin

**Key Contacts for Security** 

<b>Emergency Manager</b>	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

## Security

#### Role:

The role of Security is to support an effective response to the incident by providing specialized expertise and resources and ensuring all security related internal and external notifications have been made in a timely manner.

#### **Position Candidate Examples:**

- HSE Director
- Land Manager

Initial	A ctions
	At Hitties
	<b>Actions:</b>

- ☐ In consultation with the Emergency Manager, confirm the Emergency Level and appropriate initial response actions.
- ☐ Coordinate site security.
- ☐ Determine and acquire security related equipment and personnel.
- Assist the Emergency Manager with identification and assembly of an appropriately staffed Emergency Management Team.

#### **Operational Tasks:**

- ☐ If requested by the Emergency Manager, open the Emergency Management Center (EOC) and manage access.
- ☐ Identify and coordinate with law enforcement and other agencies with jurisdiction related to the incident.
- ☐ Make the Emergency Manager aware of the availability of expertise and services.
- ☐ Coordinate meetings between law enforcement agencies and company personnel as required.

#### **Post Incident:**

- ☐ Ensure termination of the incident is communicated internally and to involved law enforcement agencies.
- ☐ Participate in the recovery operation and post-incident investigation.
- ☐ Ensure appropriate follow-up and reporting to required law enforcement agencies.

## **Internal Stakeholders**

#### **Advises:**

- Emergency Manager
- Operations Area
- Executive Management Team

Emergency
Manager

HSE

Security

Internal
Stakeholders

Strategic
Planning

Finance/
Admin

**Key Contacts for Internal Stakeholders** 

<b>Emergency Manager</b>	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

#### Role: **Position Candidate Examples:** The Stakeholders position is responsible for Legal ensuring effective, appropriate **Community Relations** communication between the Emergency • Communications/Media Manager, Operations, and the Executive Finance Management Team. Marketing • Information Technology Other Stakeholders **Initial Actions:** Obtain incident facts and plans from the Emergency Manager. **Operational Tasks:** ☐ Ensure that personnel responsible for the following areas are available in support of the incident: Examples: ☐ Legal - Provide guidance on how to protect the company and personnel. ☐ Community Relations - Appoint contact, coordinate community outreach, etc. ☐ Communications/Media - Appoint contact, prepare a statement, etc. ☐ Finance - Assign AFE, track costs, etc. ☐ Marketing - Communicate with customers, etc. ☐ Information Technology - Ensure communications at EOCs and between locations, etc. ☐ Other Stakeholders Attend planning meetings.

#### **Post Incident:**

☐ Assess areas where further support could improve the outcome of the incident.

#### **Position Description for:** Incident **Planning Chief** Commander Safety Officer Operations Takes direction from: Gives direction to: Chief Incident Commander **Technical Specialists** PIO First Responder Liaison Officer Logistics Staging **Planning** Leader Chief **Key Contacts for Planning Chief** Role: **Incident Commander** Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact:

#### **Role:**

The Planning Chief provides technical support to the Incident Commander and has primary responsibility for development and management of the Incident Action Plan in coordination with command and general staff.

#### **Position Candidate Examples:**

- Supervisor
- Coordinator
- Engineer

Ini	tial Actions:
	Initiate an assessment of the incident and support the Incident Commander with
	developing an Incident Action Plan.
	Identify the need for specialists (technical and environmental) and appoint and supervise
	additional personnel as required to maintain proper span of control.
Op	erational Tasks:
	Provide on-going technical support.
	Complete Incident Risk Assessments with HSE as needed.
	Gather information to help anticipate needs.
	Collect, evaluate, and distribute incident information.
	Maintain a log of actions.
D	.4 T., .2 I.,4
Pos	st Incident:
ш	Participate in recovery operations and post-incident investigation at the direction of the Incident
	Commander.

#### **Position Description for:** Incident **Logistics Chief** Commander Safety Officer Operations Takes direction from: Gives direction to: Chief Incident Commander Goods and services PIO suppliers First Responder Liaison Officer Logistics Planning Staging Leader Chief **Key Contacts for Logistics Chief** Role: **Incident Commander** Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact: Role: Role:

Name:

Location/Contact:

Name:

Location/Contact:

_	
U	
_	
_	

Role: The Logistics Chief is responsible for the timely procurement and delivery of equipment, services, and personnel needed to support the incident response. (e.g., food and water, porta-johns, shelter)		<ul> <li>Position Candidate Examples:</li> <li>Supervisor</li> <li>Coordinator</li> <li>Land Manager</li> <li>Engineer</li> </ul>		
<ul> <li>Initial Actions:</li> <li>□ Identify immediate requirements for personnel and equipment at the incident.</li> <li>□ Order critical supplies and services to support the incident.</li> <li>□ Identify current and potential requirements for additional personnel to assist with logistical support in accordance with the Incident Action Plan objectives.</li> <li>□ Notify and mobilize response team personnel as requested.</li> </ul>				
Operational Tasks:  □ List and obtain all resources required by the Incident Commander and/or the Operations Chief.  □ Order and maintain supplies and services to support the incident as requested.  □ Appoint and supervise additional personnel as required to maintain proper span of control.  □ Maintain a log of actions.				
Post Incident:				
	Participate in the recovery operation and post- Incident Commander.	t-incident investigation at the direction of the		

#### **Position Description for:** Incident **Staging Leader** Commander Safety Officer Operations Takes direction from: Gives direction to: Chief Arriving resources Operations Chief PIO First Responder Liaison Officer Logistics Planning Chief Chief **Key Contacts for Staging Leader** Role: **Operations Chief** Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact: Role: Role: Name: Name: Location/Contact: Location/Contact:

Role: The Staging Leader sets up and supervises the pre-deployment area for personnel and equipment arriving in response to the emergency.	<ul><li>Position Candidate Examples:</li><li>Supervisor</li><li>Coordinator</li><li>Engineer</li></ul>				
<ul> <li>Initial Actions:</li> <li>□ Establish a staging area in a safe and accessible location that is large enough to accommodate the incident response (first consideration is the incident site, second is the Pleasanton Yard).</li> <li>□ Consider where to stage fire/rescue, decontamination, heavy equipment, and the Incident Command Post.</li> <li>□ Maintain a list of available resources (personnel, equipment, supplies) and keep the Operations Chief informed.</li> </ul>					
<ul> <li>Operational Tasks:</li> <li>□ Obtain landowner approval for access if on private land.</li> <li>□ Control and manage all personnel and services dispatched to, and arriving from, the incident.</li> <li>□ Maintain a log of actions.</li> </ul>					
Post Incident:  ☐ Shut down and de-mobilize staging area.  ☐ Arrange for rehabilitation of private land (fences, grass, damage, etc.) with the Logistics Chief.					

## Position Description for: **Strategic Planning**

#### **Advises:**

- Emergency Manager
- Emergency Management Team

Emergency
Manager

HSE

Security

Internal
Stakeholders

Strategic
Planning

Finance/
Admin

**Key Contacts for Strategic Planning** 

Emergency Manager	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

Role: The Strategic Planning role supports an effective response by providing specialized expertise and resources.		<ul><li>Position Candidate Examples:</li><li>Supervisor</li><li>Coordinator</li><li>Engineer</li></ul>			
<b>Initial Actions:</b> ☐ In consultation with the Emergency Manager, confirm the level of emergency and appropriate					
	initial response actions. Assist the Emergency Manager with identification and assembly of an appropriately staffed Emergency Management Team.				
Operational Tasks:					
	Attend planning meetings.  Make available the following as required: Engineering, Operations, Procurement, and HR.  Provide the Emergency Manager with specific technical information about facility, well, location, etc.				
	Support situational briefings to the Emergency Management Team.  Make the Emergency Manager aware of external expertise and services that can be provided.  Ensure on-going internal communication as appropriate.  Maintain a log of actions.				
Pos	1 7 1 1 0				

## Finance/Administration

#### **Advises:**

- Emergency Manager
- Emergency Management Team



**Key Contacts for Finance/Administration** 

<b>Emergency Manager</b>	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:
Role:	Role:
Name:	Name:
Location/Contact:	Location/Contact:

Role: The Finance/Administration role manages the incident accounting, expenditure authorization, cost control expenditures, and critical manpower planning.		•	sition Candidate Examples: Finance Supply Chain personnel
<ul> <li>Initial Actions:</li> <li>□ Obtain incident facts and plans from the Emergency Manager.</li> <li>□ Assess current and expected incident response costs.</li> <li>□ Determine if an AFE needs to be established.</li> </ul>			
Operational Tasks:  ☐ Attend Planning Meetings. ☐ Report incident costs on a periodic basis to ASE management. ☐ Provide quick-response purchasing and service-request acquisition. ☐ Establish immediate approval authority for selected Command Staff members (e.g., Logistics). ☐ Implement incident accounting and cost control measures. ☐ Maintain a log of actions.			
	costs exceeded expectations for lowering costs during f		e similar incidents.

## Injury / Medical

### **Incident Response Plan**

#### **Incident Description**

Any serious injury/acute illness or fatality at a ASE property (location or vehicle) involving employees, contractors, or visitors. The incident could be caused by a personal medical condition or a work-related injury or illness. Examples include: serious injury, fatality, heart attack, and seizures.

Ass	essment of Hazard	
	Number of victims  Nature of illness/mechanism of injuries  Is the scene safe for rescuers?  Obtain Safety Data Sheets for chemicals involved use universal precautions when handling patient Determine the Emergency Level.	
Rep	orting/Resources	
	Call 911 or local emergency contact number if a Provide an exact address or Latitude/Longitude Consider the use of air resources in isolated local Notify ASE supervisor and HSE (Level 1 and all Need to notify Houston (Level 2 and above)? Ensure the case management company has been Next-of-kin notifications will be done by HR of the Provided HR of the Pr	e of site location. cations or for severely injured patients. cove).  n notified as necessary (Xstreme MD, etc.)
Crit	cical Tasks	
	Rescue the injured/ill victims if safe to do so an Summon first aid team, if available, to treat vic Consider shutting down operations if safe to do Designate a spotter to guide incoming emerger Consider securing the incident area in preparate	o and if appropriate. acy responders (ambulance/helicopter).

Incident Response Plan	Fire - Explosion	
Incident Description		
Any explosion or fire that may grow beyond incipient stage and/or that affects the safe operation of facilities/equipment.		
Assessment of Hazard		
<ul> <li>□ Identify the source (tank, pipeline, compressor, etc.) if it can be done safely (uphill, upwind, binoculars).</li> <li>□ Identify the area of impact.</li> <li>□ Isolate the scene and deny entry.</li> <li>□ Obtain Safety Data Sheets (SDS) for chemicals involved.</li> <li>□ Use the Emergency Response Guidebook (ERG), WISER app, and SDS for evacuation distance.</li> <li>□ Determine the Emergency Level.</li> <li>□ Determine and set hot/warm/cold zones.</li> </ul>		
Reporting/Resources		
<ul> <li>□ Call 911 or local emergency contact number if needed.</li> <li>□ Provide an exact address or Latitude/Longitude of site location.</li> <li>□ Notify ASE supervisor and HSE (Level 1 and above).</li> <li>□ Need to notify Houston (Level 2 and above)?</li> </ul>		
Critical Tasks		
trained and equipped.  ☐ Consider expanding the exclusion zone if necessory potential for additional explosions.  ☐ Designate a spotter to guide incoming emerger  ☐ If tank, vessel, or spill source can be safety isolated.	ncy responders.	

Fire - Brush or Wildland	Incident Response Plan	
Incident Description		
Brush/wildland fire endangering facilities, structures, or field offices.		
Assessment of Hazard		
<ul> <li>□ Assess potential area of impact.</li> <li>□ What is burning? How far away? Size? Wind</li> <li>□ Evacuation? Shelter-in-place?</li> <li>□ Determine the Emergency Level.</li> </ul>	speed and direction?	
Reporting/Resources		
<ul> <li>□ Call 911 or local emergency contact number if necessary.</li> <li>□ Provide an exact address or Latitude/Longitude of site location.</li> <li>□ Notify ASE supervisor and HSE (Level 1 and above).</li> <li>□ Need to notify Houston (Level 2 and above)?</li> </ul>		
Critical Tasks		
<ul> <li>□ Consider evacuating as soon as possible.</li> <li>□ Consider shutting down operations if safe to d</li> <li>□ Consider building fire breaks if equipment is a</li> <li>□ Designate a spotter to guide incoming emerger</li> </ul>	vailable and time allows.	

Incident Response Plan	Pologga Spill
medent Response Flan	Release - Spill
Incident Description	
A spill involving any hazardous material onto the grincludes crude oil, produced water, chemicals, etc.).	ound or into bodies of water, or waterways (this
Assessment of Hazard	
<ul> <li>□ Identify the source of the leak if it can be done so Identify the material.</li> <li>□ Identify the area of impact.</li> <li>□ Isolate the scene and deny entry.</li> <li>□ Obtain Safety Data Sheets for materials involved</li> <li>□ Use the Emergency Response Guidebook (ERG evacuation distances.</li> <li>□ Determine the Emergency Level and make appropriate the Determine and set hot/warm/cold zones.</li> </ul>	d. ), WISER, and Safety Data Sheets (SDS) for
Reporting/Resources	
<ul> <li>□ Dial 911 or local emergency contact number, if necessary.</li> <li>□ Provide an exact address or Latitude/Longitude of site location.</li> <li>□ Provide information on:         <ul> <li>What exactly spilled</li> <li>Amount of material released (best guess)</li> <li>Bodies of water nearby (streams, ditches, etc.)</li> <li>Wind speed/direction</li> <li>□ Notify ASE supervisor and HSE (Level 1 and above).</li> <li>□ Notify the Operations Control Center (Level 2 and above).</li> </ul> </li> </ul>	
Critical Tasks	
<ul> <li>□ Consider shutting down operations if safe to do</li> <li>□ Expand evacuation zone if necessary - consider</li> <li>□ Berm ahead of the spill to contain it if safe to do</li> <li>□ If tank, vessel, or spill source can be safety isola</li> </ul>	toxicity of material and potential for fire.

Release to Atmosphere	Incident Response Plan
Incident Description  Any unintended release of gaseous material to the explosion hazard or impact to the public.	atmosphere which might cause a health or fire/
Assessment of Hazard	
<ul> <li>□ Identify the source of the leak if it can be done</li> <li>□ Assess potential area of impact.</li> <li>□ Identify the gaseous material.</li> <li>□ Isolate the scene and deny entry.</li> <li>□ Obtain Safety Data Sheets for materials involved</li> <li>□ Use the Emergency Response Guidebook (ER evacuation distances.</li> <li>□ Evacuation? Shelter-in-place?</li> <li>□ Determine the Emergency Level.</li> <li>□ Determine and set hot/warm/cold zones.</li> </ul>	
Reporting/Resources	
□ Call 911 or local emergency contact number in Provide an exact address or Latitude/Longitude Provide information on:  - Identification of released gases  - Volume of gas released  - Wind speed/direction  □ Notify your supervisor and HSE (Level 1 and Need to notify the Houston office (Level 2 and Need to notify the Houston office (Level 2 and Need to notify the Houston office (Level 2 and Need to notify the Houston office (Level 2 and Need to notify the Houston office (Level 2 and Need to Need t	de of site location. above).
Critical Tasks	
<ul> <li>□ Consider shutting down operations if safe to one</li> <li>□ Expand evacuation zone if necessary.</li> <li>□ Designate a spotter to guide incoming emergence</li> </ul>	

If tank, vessel, or spill source can be safety isolated, initiate isolation procedures.

Incident Response Plan	Severe Weather	
Incident Description		
Severe weather and natural disasters can take many forms including tornadoes, severe thunderstorms, floods, and ice storms.		
Assessment of Hazard		
<ul> <li>□ Determine the immediate threat to personnel and equipment.</li> <li>□ Evacuation? Shelter-in-place?</li> <li>□ Monitor National Weather Service weather radio if accessible.</li> <li>□ Maintain contact with office personnel for weather updates.</li> <li>□ Determine the Emergency Level.</li> </ul>		
Reporting/Resources		
□ Call 911 or local emergency contact number to □ Provide an exact address or Latitude/Longitude □ Notify your supervisor and HSE (Level 1 and a □ Need to notify the Houston office (Level 2 and	e of site location. bove).	
Critical Tasks		
<ul> <li>□ Rescue injured victims if safe to do so and ensure rescuers are properly equipped/trained.</li> <li>□ Set up first aid team, if trained and available, to treat patients.</li> <li>□ Consider shutting down operations if safe to do so.</li> <li>□ Determine electrical, gas, and other hazards that may be associated with wreckage.</li> </ul>		

Well Control Incident	Incident Response Plan	
Incident Description		
Loss of control of a wellbore that has or could potentially result in a blowout.		
Assessment of Hazard		
<ul> <li>□ Assess potential area of impact.</li> <li>□ Isolate the scene and deny entry.</li> <li>□ Consider evacuation of location.</li> <li>□ Determine the Emergency Level (this may charm)</li> </ul>	nge as the situation changes).	
Reporting/Resources		
□ Call 911 or local emergency contact number, if □ Provide an exact address or Latitude/Longitud □ Notify your supervisor and HSE (Level 1 and a □ Need to notify the Houston office (Level 2 and	e of site location. bove).	
Critical Tasks		
<ul> <li>□ Follow well control procedures and kill the wel</li> <li>□ Consider shutting down operations if necessary</li> <li>□ Evacuate the worksite and rescue any injured prained and equipped.</li> <li>□ Set up first aid team, if trained and available, to Designate a spotter to guide incoming emerger</li> </ul>	eople if it is safe to do so and you are properly treat patients.	

Incident Response Plan	Security Incident
Incident Description	
Security incidents are incidents such as bomb threat	s, theft, workplace violence, and menacing/threats.
Assessment of Hazard	
☐ Get information from the reporting party in as ☐ Evacuation? Shelter-in-place? ☐ Determine the Emergency Level.	much detail as possible.
Reporting/Resources	
<ul> <li>□ Call 911 or local emergency contact number.</li> <li>□ Provide an exact address or Latitude/Longitude of site location.</li> <li>□ Notify your supervisor and HSE (Level 1 and above).</li> <li>□ Need to notify the Houston office (Level 2 and above)?</li> </ul>	
Critical Tasks	
<ul> <li>□ Run, hide, or fight?</li> <li>□ Do not attempt to move suspicious objects.</li> <li>□ Designate a spotter to guide incoming emerger</li> </ul>	ncy responders if it is safe to do so.

Incident Response Plan		<b>Motor Vehicle Incidents</b>	
Incident Description			
on o	Any motor vehicle accident that occurs on a ASE location or involving a ASE employee while on duty. If an incident occurs while driving a rental or personal vehicle while on company business, follow the below guideline.		
Ass	essment of Hazard		
	Number of victims  Number of vehicles involved  Assess potential for spills or releases to the env Determine the Emergency Level.	ironment.	
Rep	porting/Resources		
	Call 911 or local emergency services to obtain a Provide an exact address or Latitude/Longitude Notify your supervisor and HSE (Level 1 and a Report the incident in the ASE HSE Center.	e of incident location.	
Cri	tical Tasks		
	Rescue/stabilize injured victims if safe to do so Do not accept blame or responsibility on your Set up first aid team, if trained and available, to Designate a spotter to guide incoming emerger Take pictures of the crash scene prior to anythic Exchange appropriate information with other of Notify your insurance company.	own behalf or ASE.  treat patients.  ncy responders.  ng being moved to aid the insurance investigation.	

Notes:	

## **EOC Quick Reference Guide**

#### **Short-term:**

Note: Most of our emergencies are short term (1-3 hours). This section should be considered for any emergency where the EOC is activated.

	rigericy where the 100 is activated.
	Confirm level of emergency.
	Start up EOC (use conference room, note who is filling IC positions, etc.).
	Contact the HSE Director.
	Assemble the Emergency Management Team (EMT).
	□ HSE Officer
	□ Legal
	□ Security
	☐ Community Relations
	☐ Administration Support (scribe)
	□ Operations, Engineering
	Document EMT and Field Response Team on white board or poster.
	Establish communication with the field.
	□ Conference call
	□ Video feed
	Develop and post legal guidance for communication (e.g., email, attorney client
	privilege).
	Deploy fixed air monitoring stations as needed.
_	
Mic	l-term:
	Open AFE.
	Vet unknown emergency-required contractors (clean-up, monitoring, sampling, etc.).
	□ References.
	☐ Insured, bonded, all required documentation, etc.

# **EOC Quick Reference Guide**

200 Quient Meterenee Guide						
Mid-term (Continued):						
<ul> <li>□ Schedule situational updates and briefings (between EOC and field office on regular cycle (e.g., once every 2 hours).</li> <li>□ Regulatory notifications by Safety Officer.</li> <li>□ OSHA - Employee amputation, fatality, multiple serious injury.</li> </ul>						
<ul> <li>□ TRRC - Spills or releases (see Appendix E in Emergency Response Manual).</li> <li>□ Schedule change-outs to keep responders and emergency management team fresh.</li> <li>□ Change of command process followed.</li> <li>□ Face-to-face</li> <li>□ Documented</li> <li>□ Communicated</li> </ul>						
☐ Consider need for temporary airspace restrictions through the FAA.						
Long-term:						
<ul> <li>□ Dedicate folder/server space for electronic documents.</li> <li>□ Schedule and reserve meals and hotels.</li> <li>□ Confirm that the level of emergency has not changed.</li> <li>□ Assign duties for a single point of contact for:</li> <li>□ Land</li> <li>□ Legal</li> </ul>						
Incident Close-out:						
<ul> <li>□ Schedule debriefing/critique.</li> <li>□ Select team (ASE, contractors, 1st responders).</li> <li>□ Root Cause Analysis.</li> <li>□ Select team (ASE, contractors, 1st responders).</li> </ul>						

Incident Sta	atus Report	Date:	Time:
What has occurred?  ☐ Medical Incident ☐ Fire - Explosion ☐ Fire - Wildland ☐ Spill	□ Release to Atmospl □ Severe Weather/Na □ Well Control Incide □ Security Incident	tural Disaster 🛭 Other _	Vehicle Incident
Activities involved:  □ Drilling □ Production □ Completions	☐ Construction ☐ Midstream ☐ Other	Casualty numbers: Injuries: Hospitalizations: Fatalities:	
Current Conditions:			
Actions Taken:			
Resources Needed:			
Notes:			

Date:	Time:		<b>Incident Action Pla</b>	n
Incident Name:	Emergency Level:			
Current and Planned Object	tives:			
Comment and Dlammed Astion	as Stuatories and	Tastisa		
<b>Current and Planned Action</b>	is, Strategies, and	Tactics:		
<b>D</b> 0				
Resource Summary:				
Resource	Date/Time Ordered	Date/Tir Receive	` `	s)

### **Contact Information**

Level 1 Emergency: Contact your supervisor and HSE

Level 2 & 3 Emergency: Call 911 (if required), your Supervisor, and HSE

### **Helpful Numbers:**

Go to www.hse.arrowsenergy.com for current contact numbers

Contact:	Phone Number: