

Crisis Management Procedure

Document Revision and Approval

Revision	Date	Description				
0.1 – 0.5	11/10/10	First working drafts	First working drafts for internal comment			
1.0	1/12/10	Internal Approval				
1.1-1.3	15/01/11	Changes to emerge	Changes to emergency and crises descriptions and thresholds			
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1 Purpose

To establish a procedure for assessing, managing and responding to unplanned incidents, emergencies and crises that affect ACWA Power's business activities and operations.

2 Scope

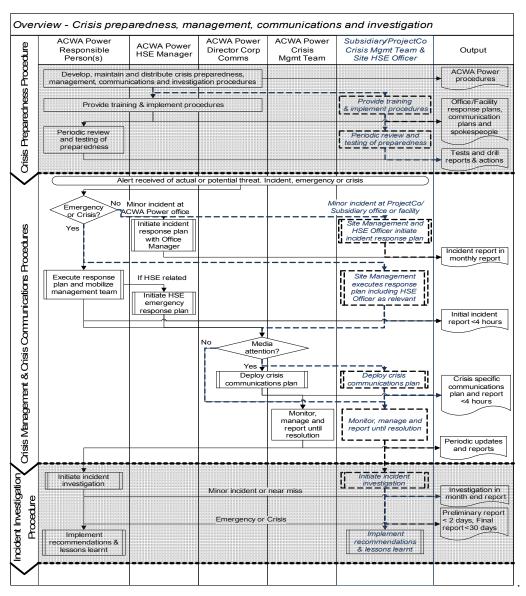
Incidents that have the potential to affect ACWA Power's business and reputation.

This procedure includes a list of typical business incidents and defines a process for managing these incidents. The procedure is not exhaustive nor provides details on all possible incidents and eventualities and will therefore be periodically revised based on gained experience and insights.

3 References

ACWA Power has four interrelated management procedure that address the preparation for, management and investigation of crises, emergencies and incidents. This procedure is the second procedure chronologically with a task summary (non-shaded area) illustrated below.





The four procedures using the same incident categorization and management framework, are:

- Crisis Preparedness & Response procedure (ACWA Power MS PRC 001)
- Crisis Management procedure (ACWA Power MS PRC 002) this procedure
- Crisis Communications procedure (ACWA Power MS PRC 003)
- Incident investigation procedure (ACWA Power MS PRC 004)

A controlled list of key stakeholders and contact information is located and maintained in the Business Management Library on the intranet in the Asset Management team's Data and Information folder.

4 Definitions

ACWA Power classifies incidents based on their source of origination and magnitude of impact:

	Internal Operations: Incidents that arise due to ACWA Power's employees' activities, actions and/or, office operations, and/or actions directly affecting or aimed at ACWA Power.
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	Subsidiaries and Investments: Incidents that arise due to ACWA Power's Subsidiaries, Investments or ProjectCo's employees', contractors' or service providers' activities, on or due to their facilities, sites and operations, and/or directly affecting or aimed at a subsidiary, investment or ProjectCo's activities, products and services.
	Minor : does not lead to significant business effect and is managed and resolved with internal resources
Potential severity of the Incident	Major : could have significant effect on ACWA Power's business and/or could lead to legal and contractual non-compliance but is contained within the organisation's direct management control
	Critical : will have a long term and significant effect on ACWA Power's business, reputation and/or will lead to legal and contractual non-compliance with impacts beyond the organisation's direct management control

Incident: uncontrolled and unplanned work-related event in which an injury, ill health, fatality, environmental pollution, business interruption, business loss and/or business or commercial impact (regardless of severity) occurred, or could have occurred.

Accident: an incident which has given rise to injury, ill health, fatality, environmental pollution, business interruption, loss or impact.

Emergency: an incident which either triggers a long term threat or poses an immediate risk to health, property, the environment, commercial or business objectives and/or business continuity and requires urgent intervention to contain and resolve the situation.

Crisis: An emergency that requires additional intervention to prevent escalation and to manage external stakeholder and media attention.

Dangerous Occurrence: An incident resulting in any of the following unplanned conditions:

- An occurrence involving imminent risk of the death of, or serious injury to, anyone;
- Collapse, overturning or failure of any load bearing part of lifting machinery
- Failure of a pressurized system, closed vessel (including a boiler or boiler tube) or associated pipework.
- Contract or close proximity between equipment and overhead powerlines
- Electrical short circuit or overload resulting in fire, explosion, unit trip or potential fatality.
- Fire, explosions or fires caused by explosion.
- Uncontrolled escape of gas, liquid fuel, a dangerous substance or steam;
- Collapse of scaffolding, excavation, building or structure and incidents involving wells, pipelines, confined spaces or pipeline works.

Hazardous Substance: Any chemical, material, substance or waste that is classified as "hazardous" by UN classification or local legislation. Hazardous substances can cause harm to people, property and the natural environment because of their corrosive, toxic, carcinogenic, explosive, flammable, oxidizing, radioactive, infectious and/or ecotoxic properties.

Minor Spill or Release: is a spillage in which ALL of the following conditions are met: The responsible party is at the scene AND the material spilled is known AND the material spilled is not highly toxic AND the quantity spilled is small (less than approximately 10I) AND there is no fire hazard present AND the spill is completely contained inside a building AND the material has little or no potential to reach the environment (e.g., via a drain) AND the spill is not in a common area



(e.g., a hallway) or other area accessible to the general public AND medical attention is not required AND specialist personnel protective equipment (i.e., more than gloves and a half-face respirator) is not needed to respond to the spill AND on-site personnel are trained, equipped, and able to clean up spill.

Major Spill or Release: is a spillage in which ANY of the following conditions apply: the responsible party is unknown (it's an "orphan" spill) OR the material spilled is unknown OR the material spilled is highly toxic OR a large (> 10l or undetermined) quantity was spilled OR a significant fire hazard may be present OR someone has been exposed to/made contact with the material OR the material has the potential to reach the environment (e.g., via a drain) OR the spill occurred outside OR The spill is in or affects a common area (e.g., hallway) or other area accessible to the general public OR specialist personnel protective equipment (more than gloves and a half-face respirator) is required to respond to the spill OR someone requires first aid or offsite medical treatment OR on-site personnel are not trained or not equipped to clean up spill OR a responder is unsure whether the spill should be considered "Minor" or "Major".

Environmental incident: An incident that resulted in (or had the potential to cause) significant environmental harm, non-compliance with environmental permits, an uncontrolled major spill and/or off-site damage to the local natural environment and ecosystems.

Occupational Injury: Harm to an employee or contractor resulted from an exposure incident with a Hazardous Substance or hazardous condition in the occupational environment.

Restricted Work: Employee or contractor is unable to perform one or more of the routine functions of his job or from working the full workday that he would otherwise have been scheduled to work.

Crisis communications: communications activities that are undertaken before, during and after a crisis to plan and prepare for, respond to and recover from the crisis with the aim of limiting the impact and after effects of the crisis for ACWA Power and its stakeholders

Crisis Management Plan: A location-specific plan that details the immediate actions, roles and responsibilities of personnel and the resources required before, during and after an incident to minimize its effects.



5 **Responsibilities**

5.1 Site or Office Manager (Responsible Person)

- At the start of an incident, take charge, assess whether an emergency or crisis exists and initiate the required response and personnel;
- Supervise and take control of incident management, focusing on minimizing harm and business/ commercial impact, when required evacuate personnel, notifying and coordinate with external emergency services;
- Ensure regulatory notifications are undertaken;
- Assess and announce when normal operations may resume after an incident;
- Initiate the incident investigation procedure

5.2 Department/Section Heads or equivalent

- Forward reports of incidents to Site or Office Manager and HSE Officer
- Take control of incidents when the Site/Office Manager or HSE manager are not available

5.3 Site HSE Manager/Officer

- Support the development and testing of crisis management planning and response.
- Take control of the incident when the site or office manager is not present.
- Ensure HSE related regulatory notifications are forwarded to the Senior HSE Manager in Riyadh,

5.4 Employees, contractors and visitors

- Without delay, raise the alarm and report incidents, near misses and dangerous occurrences to security, office manager and/or supervisor
- Be aware of and adhere to the site's crisis management plans and cooperate with the incident officer and emergency services.

5.5 ACWA Power Crisis Management Team

• Execute their individual roles and responsibilities as detailed in crisis management plan..

5.6 Corporate Communications Director

• Initiate the crisis management plan when emergencies develop into crises.

5.7 Senior HSE Manager

- support site personal for HSE incidents, emergencies and crises;
- comply with the Saudi Arabian High Commission for Industrial Security's requirements for communication during and after emergency and crisis incidents.

Additional responsibilities are detailed in the section 6.

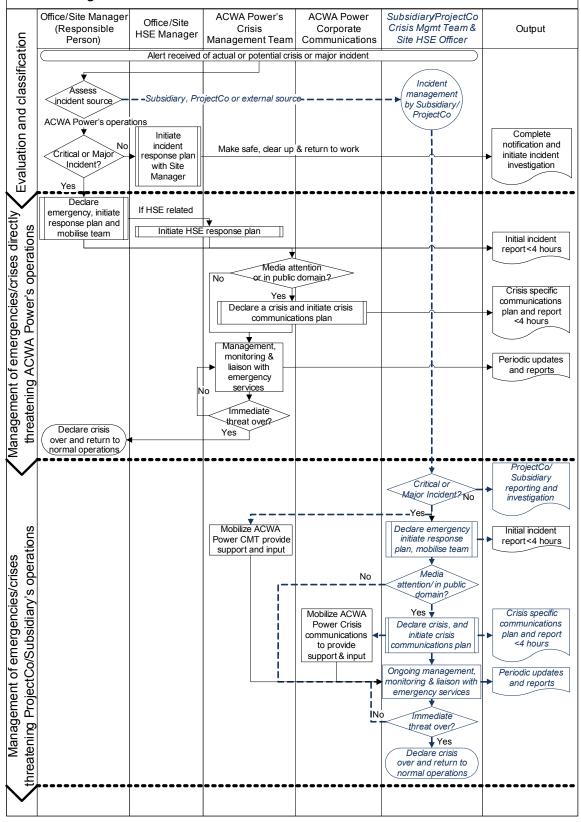
6 Management of Incidents, Emergencies and Crises

The process flow diagram, incident classification and management frameworks in the following sections define the requirements for categorisation and management of incidents, emergencies and crises that could arise from ACWA Power's direct and internal operations or from an ACWA Power subsidiary or ProjectCo's operations.



6.1 Crisis Management process

Crisis Management Process





6.2 Crisis, Emergency and Incident identification and classification

Category	Incidents with Minor Severity				
Small HSE and Security incidents	First aid case with no with office loss of work/ production Minor spill	 extinguishable equipment lage or release damage <usd10k< li=""> Minor flood or water leak Loss or malfunction of utilities, telecoms, internet or ICT > 2 hours, but <8 hours </usd10k<>			
Category	Emergency - Incident of Major Severity	Crisis – Incident of Critical Severity			
Health, Safety, Environmental and Security	 Dangerous Occurrence Fire, explosion, earthquake, storm, flood or other weather event requiring external fire/emergency services Injury (single or multiple) or occupational health issue requiring off- site medical treatment Motor vehicle accident Major spill or release of hazardous substance that is contained on site Forced break in, theft, damage to property, sabotage >USD10k but <usd50k< li=""> Data theft </usd50k<>	 Death (single or multiple) Injury or ill health requiring off-site medical treatment while travelling abroad Motor vehicle accident while travelling abroad Failure to report for duty for >12 hours while travelling abroad Major spill or release of hazardous substance from site or near site Actual security threat or kidnapping while travelling abroad Bomb threat or act of terrorism Forced break in, theft, damage to property, sabotage >USD50k Data theft of confidential information 			
Offices, Services and Administration	 Interruption, malfunction or loss of: utilities or critical ICT > 4 hours but 12 hours sub-critical ICT > 1 day but < 3 days IT infrastructure operating on UPS IT data loss: >1 user requiring restoration from backup media entire location with loss window 2 hours Visa and immigration problems for >5 people Travel disruption affecting >5 people Threat of termination of office lease 	 Interruption, malfunction or loss of: utilities or critical ICT > 12 hours sub-critical ICT > 3 days UPS failure to support IT infrastructure leading to uncontrolled shutdown IT data loss: >5 users requiring restoration from backup media entire location with loss window 2 hours failure of backup media to restore Data loss of entire site Visa and immigration problems for >10 people Travel disruption affecting >10 people Unexpected termination of office lease 			
People, Business and Commercial Management	 Unexpected departure of Senior Executive or multiple Directors Failure to comply with business process with potential for >USD50k but <usd100k li="" loss<=""> Whistle blower notification Financial irregularity and/or Fraud >USD50k but <usd100k< li=""> </usd100k<></usd100k>	 Unexpected departure of several Senior Executives Failure to comply with business process with potential for >USD100k loss Multiple whistle blower notifications Financial irregularity and/or Fraud >USD100k 			
Legal Compliance	 Incidents requiring notification to authorities and/HCIS in KSA Forewarning of imminent prosecution or legal action, criminal or fraud investigation Labour dispute 	 Prosecution or legal action, criminal or fraud investigation by competent authority Multiple labour disputes 			



Category	Emergency - Incident of Major Severity	Crisis – Incident of Critical Severity
Media and Reputation	 Incident or emergency event that could attract media interest Foreseeable publication of report with negative conclusion (factually correct) Foreseeable publication of malicious report or slander (factually incorrect) Foreseeable failure of major business venture or bid Unapproved public statement by ACWA Power employee Emergency arising from ProjectCo, Subsidiary or facility with media interest Foreseeable archaeological or hydrocarbon discovery on site 	 Crisis that has attracted media interest Publication of report with negative conclusion (factually correct) Publication of malicious report or slander (factually incorrect) Failure of major business venture or bid Unapproved public statement by ACWA Power employee reported in the media Crisis arising from ProjectCo, Subsidiary or facility with media impact Archaeological or hydrocarbon discovery on site
External Events	 Change in regulation directly affecting business profitability and/or continuity Stakeholder related events Significant instability in Supply Chain Local political instability Local instability (war, terrorism) Local Force Majeure event 	 Major Change in regulation directly affecting business profitability and/or continuity Major Supply Chain disruption/insolvency Regional political instability Regional instability (war, terrorism) Regional Local Force Majeure event
ProjectCo and Subsidiaries	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Emergencies Unexpected departure of CFO or EMO Repeated failure to submit monthly report by 5th of the month Invoice dispute with Offtaker >5 % but < 10 % of total invoice amount Payment delay by Offtaker Invoice submitted to Offtaker on or after 5th day of the month 	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Crises Unexpected departure of CFO and EMO Repeated failure to submit monthly report by 8th of the month Invoice dispute with Offtaker >10 % of total invoice amount Invoice rejection or refusal to pay by Offtaker Invoice submitted to Offtaker on or after 8th day of the month
Project Construction	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Emergencies Delay of >15 days in construction schedule Potential default or termination of major contractor or service provider 	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Crises Delay of >30 days in construction schedule Default or termination of major contractor or service provider



Category	Emergency - Incident of Major Severity	Crisis – Incident of Critical Severity
Facility Production	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Emergencies Unplanned total loss of production ≤ 24 hours Unplanned partial loss of production >8 but ≤ 24 hours Product fails quality standards > 4 hours Unsafe product dispatched > 2 hours Extreme weather event with potential to disrupt operations >8 hours Unplanned fuel supply failure with potential to disrupt production Threatened strike by employees 	 Any of the above HSE and Security, Offices, Services and Administration, People, Business and Commercial Management, Legal Compliance, Media & Reputation or External Crises Unplanned total loss of production > 24 hours Unplanned partial loss of production due to forced outage leading to: Loss of >50 % of production for > 24 hrs Loss of >35 % of production for > 48 hrs Loss of <35 % of production for > 7 days Product fails quality standards > 8 hours Unsafe product dispatched > 4 hours Extreme weather event with potential to disrupt operations >24 hours Fuel supply failure leading to unplanned shutdown Ship collision or grounding Strike by employees



anagement Framework for Incidents, Emergencies and Crises originating from ACWA Power's internal o

0	, G		
it Category	Critical Incident: ACWA Power	Major Incident: ACWA Power	Minor Incid
ication and Init	ial notification		
cation and tion	Office/Site Manager (VP level and above)	Office/Site Manager	Line Manag
and format	By telephone as soon as possible and within 2 hours of incident notification	By telephone as soon as possible and within 4 hours of incident notification	By telephon 24 hours of
ople to be d	CEO, Director Corporate Communications, Senior Manager HSE	CEO, Corporate Communications, Senior Manager HSE	Line Manag HSE, Office
eport pendices A, B)	Verbal followed by 1 page initial fact sheet	Verbal followed by 1 page initial fact sheet	1 page initia
Management ar	nd Emergency Response		
ement and ise ecific plan)	Implementation of Office specific Emergency Response Plan with support from local authorities and emergency response services (as relevant)	Implementation of Office specific Emergency Response and Security Plan	Implementa plan
lanagement CMT)	CEO, CFO, VPs, Director Corporate Communications, Senior Manager HSE, Office Manager, Legal Counsel	CEO, relevant VPs, Director Corporate Communications, Senior Manager HSE, Office Manager, Legal Counsel	Line Manag HSE, Office HSE Repres
with internal Iders	Employees – CEO	Employees – VPs and Departmental Heads	Employees
with external olders	As per Crisis Communications plan	Board and Strategic Partners - CEO Financial authorities & Funders - CFO HICS and/or local civil defence and GOSI – Senior Manager HSE Insurance – Risk Manager	Not relevant
risis			
to normal ons declaration	Office/Site Manager (VP level and above)	Office/Site Manager (VP level and above)	Line Manag
t investigation ader and team	CEO	Office/Site Manager	Line Manag

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anagement Framework for Crises, Emergencies and Incidents originating at ACWA Power's Subsidiaries rojectCos

Critical Incident: Subsidiary or ProjectCo	Major Incident: Subsidiary or ProjectCo	Minor Incid
ial notification		
EMO/CEO or Office/Site Manager	Office/Site Manager	Line Manag
By telephone as soon as possible and within 2 hours of incident notification	By telephone as soon as possible and within 4 hours of incident notification	By telephon 24 hours of
ACWA Power: CEO, ACWA Power VP Assets Management, Director Corp. Communications, Senior Manager HSE (for HSE incidents)	ACWA Power: CEO, ACWA Power VP Assets Management, Director Corp. Communications, Senior Manager HSE (for HSE incidents)	As per site p included in performance ACWA Pow
Subsidiary/ProjectCo: as per response plan	Subsidiary/ProjectCo: as per response plan	ACWAROW
Verbal followed by 1 page initial fact sheet	Verbal followed by 1 page initial fact sheet	1 page initia
d Emergency Response		
Implementation of facility specific Emergency Response Plan with support from local authorities and emergency response services (as relevant)	Implementation of facility specific Emergency Response and Security Plan	Implementa plan
ACWA Power: CEO, VP Asset Management, Director Corporate Communications, Senior Manager HSE, Legal Counsel Subsidiary and Facility: CEO/EMO, Senior Management team, Facility HSE Manager and Security Manager (as relevant)	ACWA Power: VP Asset Management, Director Corporate Communications, Senior Manager HSE Subsidiary and Facility: CEO/EMO, Senior Management team, Facility HSE Manager and Security Manager (as relevant)	Not required
Employees – EMO/CEO	Employees – EMO/CEO and Departmental Heads	Employees
As per Subsidiaries/ProjectCo's Crisis Communications plan supported by ACWA Power	As per Subsidiaries/ProjectCo's internal Communications plan	Not relevan
EMO/CEO or Office/Site Manager	Office/Site Manager	Line Manag
	ial notification EMO/CEO or Office/Site Manager By telephone as soon as possible and within 2 hours of incident notification ACWA Power: CEO, ACWA Power VP Assets Management, Director Corp. Communications, Senior Manager HSE (for HSE incidents) Subsidiary/ProjectCo: as per response plan Verbal followed by 1 page initial fact sheet Ind Emergency Response Implementation of facility specific Emergency Response Plan with support from local authorities and emergency response services (as relevant) ACWA Power: CEO, VP Asset Management, Director Corporate Communications, Senior Manager HSE, Legal Counsel Subsidiary and Facility: CEO/EMO, Senior Management team, Facility HSE Manager and Security Manager (as relevant) Employees – EMO/CEO As per Subsidiaries/ProjectCo's Crisis Communications plan supported by ACWA Power	al notificationEMO/CEO or Office/Site ManagerOffice/Site ManagerBy telephone as soon as possible and within 2 hours of incident notificationBy telephone as soon as possible and within 4 hours of incident notificationACWA Power: CEO, ACWA Power VP Assets Management, Director Corp. Communications, Senior Manager HSE (for HSE incidents)ACWA Power: CEO, ACWA Power VP Assets Management, Director Corp. Communications, Senior Manager HSE (for HSE incidents)Subsidiary/ProjectCo: as per response planSubsidiary/ProjectCo: as per response planVerbal followed by 1 page initial fact sheetVerbal followed by 1 page initial fact sheetde Emergency ResponseImplementation of facility specific Emergency Response Plan with support from local authorities and emergency response services (as relevant)ACWA Power: CEO, VP Asset Management, Director Corporate Communications, Senior Manager HSE, Legal Counsel Subsidiary and Facility: CEO/EMO, Senior Manager (as relevant)AcWA Power: VP Asset Manager and Security Manager (as relevant)Employees – EMO/CEOEmployees – EMO/CEOEmployees – EMO/CEOEmployees – EMO/CEOAs per Subsidiaries/ProjectCo's Crisis Communications plan supported by ACWA PowerAs per Subsidiaries/ProjectCo's Crisis Communications plan supported by ACWA Power

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t Category	Critical Incident: Subsidiary or ProjectCo	Major Incident: Subsidiary or ProjectCo	Minor Incid
t investigation ader and team	EMO/CEO	Office/Site Manager	Line Manag

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7 Records

As per process flow diagrams in Section 6 and emergency response and incident investigation procedures.

Location/scene of incident	
Description of Incident (tick or insert relevant num	bers in boxes)
	juries Illness Fatalities Radioactive
Fire/ Explosion Property Damage (US\$)	curity Hazardous Substance Spillage
Gaseous release Lost production Business inter	rruption Commercial issue Reputation/Media
Details:	
Include details covering: cause, duration, chemicals, receivir disruptions to work & production	ng body, quantities, affected parties, weather conditions,
Incident Classification	
Health & Safety Environmental Business	Production Reputation
Critical (Crisis) Major (emergency) Minor	Formal Investigation required (Yes/No)
Current Status and Actions Taken	
	nutdown Predicted duration of shutdown:
Fully Operational Partial Shutdown Complete Sh	
Fully Operational Partial Shutdown Complete Sh On-site emergency response Off-site emergency servi	
Fully Operational Partial Shutdown Complete Sh On-site emergency response Off-site emergency servi	
Fully Operational Partial Shutdown Complete Sh On-site emergency response Off-site emergency servi	
Fully Operational Partial Shutdown Complete Sh On-site emergency response Off-site emergency servi	
Fully Operational Partial Shutdown Complete Sh On-site emergency response Off-site emergency servi	

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