

LIFE15 GIE/GR/000943

Chemicals Regulations Enforcement & Inspections – Building Authority Capacity for REACH/CLP and SEVESO III Compliance

Report on e-platform tools and services functions

Report an incident – user's manual

Prepared by Technical University of Crete



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Cheree Report an incident System – user's manual

The Cheree "Report an incident" System is an online platform that allows users to submit brief or detailed reports on **incidents involving chemicals**. Reports can be submitted either by creating an account in the system, or anonymously.

The public can browse through submitted reports, or search for specific reports through a provided search mechanism. Public users have access only to a subset of the information submitted in the report that contains general and non sensitive (e.g. personal) information. Administrative users have access to the full details of a report.

Each report is divided into 3 parts:

- incident profile, with general information on the nature of the incident and information on the reporting party

- short report, with a quick and easy to fill out form with general information on the type of the incident, the involved substances and the consequences of the incident

- full report, that provides an extensive list of information on all aspects of an incident.

Each part of the report can be filled out and finalized separately. The finalization of a report part marks this part as complete and ready to be published.

Report Submission

Any user can visit the online platform and start the process of submitting a report.

The user can optionally create an account allowing him to easily access all submitted reports or to continue the submission in separate, non continuous time periods.

Users can opt to submit a report anonymously. In this case, no information about the identity of the submitter is required (in contrast to submitting the report with an account, which needs the email address of the submitter). In case of an anonymously submitted report, a special access code is generated that allows the anonymous user to regain access to the report at a later time.

The initial step requires the user to choose the language in which free text is going to be filled out. After this step, the user is presented with an overview screen. Through this screen the user has access to the 3 parts of the report and can also mark the parts as finalized.





Cheree Incident Reporting	Language (EN) - Login Register Contact
Your new report has been created and you can start to fill it out. The special access code for this report is 96f90040-8506-11e9-bd66-11f9b access to your report without it.	× 013cc603 . Please write down this code as you will not be able to gain
A Edit report	
Incident profile Short report Edit profile Finalize View the full report Summary	Full report Finalize Consequences Response Finalize
Report type	Incident
Created	2019-06-02 10:18:16
Updated	2019-06-02 10:18:16
Profile created	
Profile updated	
Short report created	
Short report updated	
Full report created	
Full report updated	
Incident Profile status	Empty
Short status	Empty
Full status	Empty

A total of 11 forms are provided to be filled out by the user.

- incident profile: 1 form
- short report: 1 form
- full report:
 - occurrence section: 7 forms
 - consequences section: 1 form
 - response section: 1 form

The forms of the incident profile and the short report are deliberately brief in their nature to allow the user to quickly fill them out. The full report sections are very detailed. Some screenshots of the forms are provided in Appendix A.





Search functionality

End users are provided with an online form that allows for searching for reports having specific attributes. The basic search contains search parameters for the start and end date of the incident, the event type and the industry.

For more advanced searches, the form allows to add additional rules for all options of the report. Public users are limited to rules for attributes of the short report, whereas administration users can apply rules for attributes of the full report as well.

Public users can search and view only reports that have been finalized, whereas administration users can also view reports that have not been finalized yet.

The screenshot below shows the search form from the perspective of an administration user. One rule has been added, requiring that

 $\label{eq:Full report} \mathsf{Full report} \to \mathsf{Occurrence} \to \mathsf{Type} \text{ of incident} \to \mathsf{Release} \to \mathsf{Main} \ \mathsf{Occurrence} \ \mathsf{Events} \to \mathsf{fluid} \ \mathsf{release} \ \mathsf{to} \ \mathsf{water}$

is checked.

A Search incident reports						
⊢ Filter –						
Start date from	Start date to	Event type			Industry	
				Ŧ		¥
Free text	ree text Show non finalized					
					✓ Add rule	Search
_ Rules —						
• 🗙 Full rep	port 🗲 Occurrence 🔶 Typ	e of incident → Release	→ Main Occur	rrence Events 🗲 flu	id release to water is che	ocked
- Results						
Show 10 🗢	entries					
Start date ↑↓	Title		Country	Event type		Industry
29-10-1987	Large toxic cloud from spreading main pollutar nitrogen oxides and arr	ammonium nitrate nts as nitric acid, imonia	AL	Incident within ar storage facilities, station, warehous	n establishment (site, loading /unloading se etc.)	
01-09-1992	ΤΟ ΑΤΥΧΗΜΑ ΣΤΗΝ Π	ΙΕΤΡΟΛΑ	GR	Incident within ar storage facilities, station, warehous	n establishment (site, loading /unloading se etc.), Near Miss	petrochemical, refining, processing
13-07-1999	Fire of aerosol cans pa pallets in a store	cked in cartons on	AD	Incident within an storage facilities.	n establishment (site, Ioading /unloading	general engineering.

The next screenshot shows the dialog that allows to add a rule





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Add new rule		×
Search Short report Full report Occurrence Consequences Response Emergency M Internal sy Internal sy	Aleasures: Emergency response a ystems - 7101 - management/org ystems - 7102 - drenching system ystems - 7103 - inerting systems ystems - 7104 - plant emergency ystems - 7105 - secondary contai ystems - 7106 - alarms/sirens sou	 Full report → Response → Emergency Measures: Emergency response and remedial measures → Internal systems - 7101 - management/organization review is checked is not checked
		Cancel





Appendix A

Partial Screenshots of report submissions screens used by end users

Incident Profile

A Edit incident profile Report Identification Report title * Confidential Type of incident * 😯 Incident within an establishment (site, storage facilities, loading /unloading station, warehouse etc.) Transportation Incident (transimmision/distribution including pipelines) Near Miss Other **Dates and Times** Start date and suspected start time of incident * End date and suspected end time of incident * 雦 0 Ê Location / Site Incident Location (Description) * Country and region of incident ? * City * ZIP Andorra (AD) Albania (AL) Austria (AT) Address Bosnia and Herzegovina (BA) Belgium (BE) Bulgaria (BG) Belarus (BY) Switzerland (CH) Reporting party Reporting party * O Authority/ Regulating Body O Company/ Client Responsible for shipment O General Public/Third Party

Eirot nomo Loct name Tolophono 1 Tolophono 9



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Short Report

A Edit short report

Accident Types

Release Water Fire Explosion Transport Other Description

Immediate Sources of Incident

Storage Process Transfer Other Description

Suspected Causes - 2

Intentional Release Unintentional Release Description

Immediate Event Consequences

Deaths Injuries EcoHarm Heritage Loss
 Material Loss Disruption Other
 Description

Immediate Lessons Learned

Prevention Mitigation Other Description

Submit Cancel

Substances Directly Involved

Toxic EcoToxic Flammable Explosive Other
 Description

Suspected Causes - 1

Plant Human Factor Environmental Other Description

Suspected Causes - 3

Equipment Human Factor Environmental 3rd Party

Other Description

Emergency Measures Taken

On Site Systems External Services Shelter Evacuation

Decontamination Restoration Other

Description





<u>Full Report \rightarrow Occurrence \rightarrow Type of incident</u>

A Edit full report	
Occurrence - Type of incide	nt
✓ Release	
<u>▼ Fire</u>	
Fire Main Occurrence Events Conflagration Start End pool fire i jet flame i flash fire i fireball i not known / not applicable	 Fire Initiating Events conflagration ? pool fire ? jet flame ? flash fire ? fireball ? not known / not applicable
✓ Explosion	
✓ Transport	
▼ Other	
This is report is finalized. Please confirm that you want to save any	changes you have made. In this case, the report status will be set to draft again.



Submit

Cancel





Full Report → Occurrence → Dangerous Substances

A Edit full report

Occurrence - Dangerous Substances

Collapse all 🖉 🖍 Expand all		
✓ General description		
Dangerous Substances : Substance classification (Other Classific	cation, Hazard Indexing)	
Substances Directly Involved		
Substances Indirectly Involved		
+ Substance: -		
Name:	Individual Substances +	
Name	Substance name	CAS Number
Directly Involved Quantity Potential Quantity	-	XXXXXXX-XX-X
	T	
Remarks on Substance ?:		

This is report is finalized. Please confirm that you want to save any changes you have made. In this case, the report status will be set to draft again.

......





Full Report → Consequences

ℰ Edit full report		
Consequences		
✓ Consequences		
✓ Area Concerned		
 Area Concerned Consequences installation establishment 	Threatened Suspected Yes Suspected Yes	Affected No Suspected Yes No Suspected Yes
✓ People, number affected: Human		
✓ Ecological Harm: Ecological components		
✓ Ecological Harm: National Heritage Loss		
✓ Material Loss: Cost		
Disruption of Community Life, Interruption of Utilities etc.		





Full Report → Response

A Edit full report				
Response				
✓ Collapse all				
✓ Emergency response				
✓ Emergency Measures: Emergency response and remedial measures				
Emergency measures	Requeste d	Activated	Details	
Internal systems - 7101 - management/organization review				
Internal systems - 7102 - drenching systems ??				
Internal systems - 7103 - inerting systems ?				
Internal systems - 7104 - plant emergency shut-down procedures				
Internal systems - 7105 - secondary containment ?				
 Internal systems - 7106 - alarms/sirens sounded 				
Internal systems - 7107 - internal omorgonay teams				
Internal systems - 7107 - Internal enlergency teams (7)				
Internal systems - 7108 - Trewater runoir control				
Internal systems - 7109 - gas detection, quantification/dispersion				
prediction				
Internal systems - 7110 - all-clear sounded				
External systems - 7201 - external fire-fighting services				
External systems - 7202 - external ambulance/victim-recovery services				
External systems - 7203 - police intervention				
External systems - 7204 - military intervention				
External systems - 7205 - water authority/other external expert mobilization				
External systems - 7206 - voluntary organisations mobilized				
External systems - 7207 - crowd control				
External systems - 7208 - traffic control				
Sheltering - 7301 - public alerted directly by emergency services				
Sheltering - 7302 - public alerted via media				
Evacuation - 7401 - all or mostly by personal transport				
Evacuation - 7402 - all or mostly by organized transports				
Evacuation - 7403 - organized evacuation centres used				
Evacuation - 7404 - returned to homes				
Decontamination - 7501 - containing spread of substance				
Decontamination - 7502 - substance neutralised				
Decontamination - 7503 - water/crops/land, etc. declared out of use				
Restoration - 7601 - contaminated area cleaned				

