



PROCESSES **HAZARD**
IDENTIFICATION
ANALYSIS EXPERT

The method your study needs, **configured for you.**

SOFTWARE FOR PROCESS HAZARD ANALYSIS

HAZOP

HAZID

LOPA

WHAT-IF



WHAT IS PHIA EXPERT

It's not an Excel template, nor a generic tool you have to adapt. It is **the methodology of your study**, already configured.

PHIA Expert structures the entire flow of a process hazard analysis "from node definition to the final report" tailored to your project's criteria. You tell us which methodology you need and for what scope; we deliver the software ready to conduct the study from start to finish, with traceability of every finding and a professional, exportable report.

It is designed for **process engineers and facilitators** who need to apply a specific risk study, with structure and traceability from the very first node.

THE COST OF GETTING IT WRONG

A poorly structured study **is costly.**

Starting a risk analysis from a blank spreadsheet has a price that is rarely measured:

WHAT YOU LOSE WITHOUT A SYSTEM

- ◆ Days spent building structure before analyzing
- ◆ Inconsistent reports from one study to the next
- ◆ Findings misplaced across scattered files
- ◆ Expert time wasted on manual tasks



Severidad	A	B	C	D	E	F	G	H	I	h
1	B	B	B	B	B	B	B	M	M	
2	B	B	B	B	B	B	B	M	M	M
3	B	B	B	B	B	B	M	M	M	A
4	B	B	B	B	B	M	M	M	A	A
5	B	B	B	B	M	M	A	A	A	A
6	B	B	B	M	M	M	A	A	A	MA
7	B	B3	M	M	M	A	A	A	MA	MA
8	B	M	M	M	A	A	A	MA	MA	MA
9	M	M	M	A	SE	A	MA	MA	MA	MA
10	M	M	A	A	GE	MA	MA	MA	MA	MA



From assignment to report, in four steps.

- 1

You define the study

Choose the methodology “HAZOP, HAZID, LOPA o What-If” and the scope of your project.
- 2

We deliver the configured software

Ready for your method, with the risk matrix tailored to your criteria.
- 3

You conduct the study

Nodes, scenarios, safeguards, and recommendations, with full traceability.
- 4

You export the final report

A structured, professional document, ready in PDF and Word.

Pay for the time **your study actually needs**, you set the *timeline*.

WHY PHIA EXPERT

What a spreadsheet **cannot give you.**

A template stores data. PHIA Expert structures the methodology, preserves the traceability of every finding, and produces the professional deliverable with no manual assembly work.

Real Traceability

Every safeguard and recommendation is anchored to a coded location within the study.

Built-in Methodology

The structure is already in place; you spend your time analyzing, not formatting.

Professional Backing

Training and post-sale technical support, with consultants in process safety.

	Deviations	Causes	Consequences	Cat	Risk Matrix			Safeguards	Risk Matrix			Recommendations	Responsible	Risk Matrix			Comments
					F	S	R		F	S	R			F	S	R	
	1. No Flow	1.1. Cause 1	1.1. Possible rupture for text wrapping test	Per	I	10	MA	1. Safeguard 1 2. Safeguard 2	C	8	M	1. Recommendation 1	1. José	--	--	--	1. Comment A 2. Comment B 3. Comment C
		1.2. Cause 2	1.2. Possible rupture of manifold MA01, possible explosion and harm to people, facilities and environment. xxx	Eco	H	9	MA	1. Safeguard 3 2. Safeguard 4	C	6	B	1. Recommendation 2	1. Pedro	--	--	--	1. Comment
			1.2. A different consequence to take out of the game	Per	G	6	A	1. Safeguard x	B	10	M	1. Recommendation 3	1. Marlia	--	--	--	1. Comment
	2. More Flow	2.1. Cause n	2.1. Consequence X written a little longer to see if it is a character issue	Env	E	10	6E	1. Safeguard x2	D	6	M	1. Recommendation 4	1. Jesús	--	--	--	1. Comment
	3. More temperature	3.1. Closure of valve xy-01	3.1. Test for verifying tables	Act	C	8	M	1. Test safeguard 11A11	B	6	B	1. Recommendation XAXA123	1. Work	--	--	--	1. Comment
		3.2. Rupture of hose xt-08		Per	D	9	A	1. Test safeguard 11A11	D	6	M	1. Recommendation XA2	1. Work	--	--	--	1. Comment A



PHIA

EXPERT

TAKE THE NEXT STEP

Discover PHIA Expert

applied to your study.

We'll show you the software
configured for the methodology
you need.

GET PHIA
BY REACHING OUT AT

global@gsafetys.com



ABOUT GLOBAL SAFETY SOLUTIONS

Global Safety Solutions is a company focused on **industrial safety, occupational safety, and process safety**, dedicated to helping organizations and professionals operate with greater control, efficiency, and reliability in high-risk industrial environments.

At its core, Global Safety Solutions turns safety into an operational advantage, integrating technical knowledge, technology, and international best practices to support companies and professionals in preventing major events, protecting people, and continuously improving their management systems.