PSYCHOMETRICS · SIGMUND

RISK®

Vigilance, rule compliance and stress resistance in critical operations.



© 2026

THE SOLUTION TO ANTICIPATE HUMAN ERROR IN CRITICAL ROLES

RISK® analyses the human factors behind error in critical operations: vigilance, rule compliance, stress resistance, reporting and technical control. It shows where a profile is exposed before an incident occurs, and makes safety culture measurable rather than declarative.

What is it used for? Screen candidates for safety-critical roles, target training, review a team's exposure, or support a safety culture with evidence.



01 **HSE managers**
Identify exposure before an incident occurs

02 **Industrial HR teams**
Secure hiring on safety-critical positions

03 **Operations managers**
Target training where exposure is highest

04 **Safety officers**
Compare teams on shared, measurable criteria

© 2026 · SIGMUNDTEST.COM

WHAT THIS TEST CHANGES FOR YOU.

Four dimensions behind human error, from vigilance to technical control.

01

Professional dimension

Stress resistance, observation, quality focus and adherence to procedures.

02

Relational dimension

Reporting facts, active listening and escalation of sensitive information.

03

Personal dimension

Accuracy, vigilance, initiative and professional ethics.

04

Technical dimension

Safety procedures, HSE rules, emergency protocols and equipment use.

05

Exposure map

A visual reading of vulnerable behaviours by dimension, before incidents.

06

Format

Normative, about 350 questions in 40 minutes, in four languages.

© 2026 · SIGMUNDTEST.COM

NORMATIVE · ~350 QUESTIONS · ~40 MINUTES

DIMENSIONS & CRITERIA ASSESSED

25 criteria across 4 dimensions.

01 PROFESSIONAL DIMENSION

8 CRITERIA

Stress resistance and sustained effectiveness under pressure

Observation skills and detection of critical details in operations

Constant focus on quality in deliverables

Adherence to operational procedures

Safety mindset and compliance with established guidelines

Technical control and systematic verification of actions

+ 2 more criteria

02 RELATIONAL DIMENSION

3 CRITERIA

Ability to clearly report facts and incidents

Active listening and availability in professional exchanges

Effective communication of critical or sensitive information

03 PERSONAL DIMENSION

5 CRITERIA

Accuracy, care, and thoroughness in task execution

Professional awareness and commitment to responsibilities

Initiative and controlled autonomy

Constant vigilance and attention to subtle cues

Respect for ethics and professional values

04 TECHNICAL DIMENSION

9 CRITERIA

Mastery of current safety procedures

Knowledge of sector-specific quality standards

Understanding of risk analyses and their impacts

Correct use of technical and protective equipment

Effective management of emergency protocols

Ergonomic principles applied to risk prevention

+ 3 more criteria

© 2026 · SIGMUNDTEST.COM · 04

RESULTS YOUR HR TEAM CAN USE IMMEDIATELY.

After the assessment, SIGMUND turns answers into concrete markers to recruit, compare and prepare the interview. An AI-based assistant, available as a chatbot, also helps you interpret the results and move to action.



01

Scores and reference profile

A competency report with detailed scores, self-assessment and comparison against the expected profile.

02

Report that fits the need

From the full report to the short summary, depending on the level of detail the recruiter or manager needs.

03

Clear visualisations

Radar charts, histograms and comparisons to spot strengths and development areas at a glance.

04

Action guides

Interview questions and tailored follow-up tracks to dig deeper and prepare next steps.

© 2026 · SIGMUNDTEST.COM · 05

SCIENTIFIC RELIABILITY

A test built to support hiring, assessment and development decisions.

~350

QUESTIONS

4

DIMENSIONS

~40 minutes

COMPLETION TIME

VALIDATION

- **Independent external validation**
  Internal validation and consistency
- **Reliability and stability**
  Consistency of answers and scales
- **Job knowledge**
  500+ job-specific knowledge questionnaires

AVAILABLE IN

More than 10 languages

French · English · German · Spanish and more

Contact our team for a demo: service@sigmund.net

SIGMUNDTEST.COM →

© 2026 · SIGMUNDTEST.COM · 06