Certificate of Competency

abhisam

E-learning * Training * Consulting

Abhisam is pleased to award this

# Certificate of Competency

to

## Caio Guimarães

(Learner ID No 106CG0002)

in

## HAZOP

in recognition of his successful completion of the e-learning course and passing the online examination in the above subject

**PDH Earned: 20 hours**

**Course Contents**

- Basic Concepts (Hazard & Risk Analysis, Consequences, Cost Analysis)
- HAZOP Methodology (Intentions & Deviations, Node Selection, Guide Words, worked examples from industrial operations, Human Factors HAZOP, Boolean Logic & HAZOP)
- HAZOP Types, Standards & Legal Requirements (Greenfield HAZOP, Brownfield HAZOP, CHAZOP, relevant ISO & IEC standards, legal requirements in countries)
- Managing HAZOPs (HAZOP Team, HAZOP Leadership, HAZOP formats & Documentation, Recommendations, Audits)
- Case Study of a HAZOP

Director

Date: 20th March 2023

Abhisam Software, 8345 NW 66th St #9035 Miami FL 33166

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