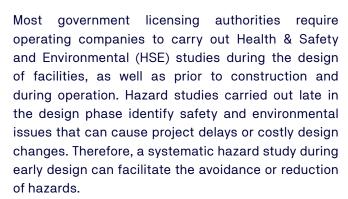
TUVINDIA

HAZARD IDENTIFICATION STUDY (HAZID)





HAZID study is a tool for hazard identification, used early in a project as soon as process flow diagrams, draft heat, mass balances, and plot layouts are available. Existing site infrastructure, weather, and geotechnical data are also required, as these are a source of external hazards. The method is a designenabling tool, acting to help to organize the HSE deliverables in a project.

This is a structured brainstorming technique which typically involves designer and client personnel from various engineering disciplines, project management, commissioning and operations. Major findings and hazard ratings help to deliver HSE compliance, and form a part of the project Risk Register, required by many licensing authorities.

TUV India delivers this service by utilizing its engineers and technologists who have an appropriate



understanding of the client's business and culture required for efficient facilitation of this session with the multidisciplinary team from client's end.

Benefit to customers

- Good identification of hazards and safeguards at an early stage in the design of a facility
- Team output helps to ensure that HSE hazards are revealed at an early stage in the project, before significant costs have been incurred
- Hazards are recorded so that they can be avoided, mitigated or highlighted during design
- Action responses are auditable by Management and Legislative Inspectors
- Design or Construction delays and budget over-runs are avoided
- Fewer hazards remain un-revealed during the commissioning & operation of plant

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About Us:

TUV India Pvt. Ltd. (TÜV NORD GROUP) is a customer-focused, innovative, and independent, technical, quality & safety services organization, dedicated to providing future-proof solutions through technological excellence for the success of its customers with the highest level of integrity. With a presence at over 40 strategic locations in India; a branch office in Sri Lanka and Bangladesh; state-of-the-art laboratories at Pune, Bengaluru, Noida and Jamnagar; 100 important countries worldwide and through digital means, we are always connected to you, our esteemed customer, anywhere, anytime.

We are proud to provide increasing levels of services to the best known, largest global and national companies as well as medium and small industries in diverse sectors like Oil & Gas, Petro chemical, Nuclear, Renewables, Infrastructure, Food, Power, Manufacturing, Chemicals, Pharma, Paper, Automobiles, Railways, Aerospace, Defence, IT, Health, Hospitality, Retail, etc.

Over 1400 competent and experienced TUV India experts spread across India and over 14000 TUV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals,

Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing — Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TUV India Training Academy.

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