

ROHIT BHANDARI

Safety Professional

Rd.rohitb@gmail.com • 8128151058

A chemical engineering graduate and a certified Safety professional working with India's leading Oil to chemical company- Reliance Industries Limited.

Experience of working in commissioning, plant operations, Shutdowns, plant and process safety.

Currently working as an internal auditor-HSE in RIL's Group Audit that looks after complete O2C (oil to chemical) business of RIL including Refinery, petrochemicals, polyester, terminals, and RBML (RIL's joint venture with BP).

Looking for a challenging and progressive career opportunities as a process safety professional.

EDUCATION

2012

APPLIED PETROLEUM ENGINEERING (DOWNSTREAM/CHEMICAL SPECIALIZATION), UNIVERSITY OF PETROLEUM AND ENERGY STUDIES, DEHRADUN

CGPA: 2.4/4

2008

HSC, ST. MARY'S, HARIDWAR

CBSE

81%

2006

SSC, ST. MARY'S, HARIDWAR

CBSE

87%

CERTIFICATIONS

NEBOSH – IGC

NIST institute

Internal Auditor - IMS (ISO 9001,14001 & 45001)

TUV-SUD

Audit Process Certification
Reliance Industries Limited

HAZOP
Green world Group

EXPERIENCE

JULY 2012- FEB 2017

PROCESS ENGINEER (CHEMICAL), RELIANCE INDUSTRIES LIMITED

Joined RIL as a GET in July 2012, after the completion of training period, joined PBR-3 project from its erection stage and was involved in Pre-commissioning, commissioning and startup activities.

After completion of the project, worked as a process(shift) engineer in PBR-3 project.

Responsible for the smooth operation of plant under different process parameters, issuing of PTW for routine/non-routine plant activities, involved in the successful execution of plant shutdowns.

MAR 2017 – JULY 2020

SAFETY ENGINEER, RELIANCE INDUSTRIES LIMITED

Moved to RIL's HSEF department as a safety engineer. The responsibilities with this profile were daily field safety rounds, reviewing high risk activities, checking procedure compliance, finding hazards and correcting them, safety observations findings and its analysis, Participation in PSSR, risk register preparation and review, checking compliance w.r.t all the PT documents and PSM checklists, risk barrier verification for identified high risks, HAZOP study, Injuries, fire and process safety incidents analysis, safety rounds with the site leadership team, tracking of HSE KPIs, monitoring leading and lagging indicators, delivering duties as a team member of 3 subcommittees of RIL's operating management system, and presenting all these findings/analysis to the site apex.

AUG 2020 – PRESENT

HSE-AUDITOR, RELIANCE INDUSTRIES LIMITED – GROUP AUDIT

Joined RIL's Group audit as an HSE auditor. This profile covers auditing complete O2C (oil to chemical) business of RIL including the world's largest refinery, mega sized petrochemical complexes, Polyester plants and it involves auditing on different process and workplace safety standards and RIL's own Operating management system (OMS).

SKILLS

- MS-Office package
- SAP-PTW module
- MIS expertise
- RCA for incident investigation

- SAP-Incident management module

- Versed with regulatory laws and rules

ACTIVITIES

HSE Audit

- RIL's group audit is an independent body under the name of reliance internal audit (RIA), is a large body that submits its findings to the executive committee.
- It covers all the sites of RIL's O2C business and its auditing based on different safety standards like workplace safety (all its categories), Process safety, Contractor safety, Distribution safety, Fire safety.
- Audit planning, preparation, execution, conclusion and follow up with action tracker. Working on highly integrated audit management system.
- Preparation of risk based annual audit plan based on guidelines from the group.
- Auditing individual sites for its compliance to workplace safety, process safety, fire safety, distribution safety, RIL's own management system namely Operating management system (OMS) for its different elements, sub elements and each group essential for individual sub elements, against the standards and group guidelines and procedures.
- Preparation of the findings writing, presenting it before the site leadership team, preparation of the draft report, communicating and tracking it with sites, and its closeout and then submission of this report to the group.
- Providing the recommendations to the sites based on RIL's standard group defined practices and globally accepted best practices.
- Have been part of virtual audits as well pertaining to the COVID-19 pandemic.

Safety Engineer

- Daily Field safety rounds, functioning to support plant for safe and incident free operation.
- Circulation of learnings amongst plant people and providing sessions based on LFI's, Procedures.
- Plant injuries, near miss and Fire incidents analysis and making action plan out of it.
- Involved in the rollout of HITRA at site.
- Participating in PSSR for new facilities as well as MOC or after turnarounds.
- Assessment, Prioritization and management of Risks.
- Updation of PT documents, PSM procedures at defined frequency.
- Development of risk register for plants based on HAZID methodology and reviewing it annually.
- Periodic Barrier verification for high-risk scenarios– ensuring the healthiness of barriers.
- Process safety walkthrough round of plants.
- Rollout of new incident classification methodology at site as per API 754 along with HSEF CoE team.
- Participation in plant PHA.
- Conducting PHA, tracking of recommendations implementation as an outcome of PHA, to

reduce the identified hazard and risk.

- Aligning site PHA procedure in line with RIL's group defined practices.
- Member of 3 subcommittees under RIL's Operating management system, doing gap assessment of various sub elements with respect to the RIL's group defined practices, tracking the KPIs of that particular Subcommittee.
- Calculation and preparation of cumulative/rolling LWCFR and TRCFR for site.
- Preparation of yearly, quarterly, monthly and weekly Site level HSEF reports.
- Preparation of HSEF- AOP based on the areas that require attention, with the site leadership team.
- Rollout of various safety initiatives, campaigns based on critical learning from incidents at site, other sites of RIL and globally.
- Preparation of site safety improvement plans based on the outcome of observations analysis.
- Incident investigation.
- Working with contractors- behavior based safety and culture change programme and toolbox talk at site.
- Conducting mega TBT for contractors, updating them with the incidents and its learnings.
- Facilitating in deriving and analyzing leading & lagging safety matrices on safety performance.
- Coordinator for internal and external audits at site.
- System tracking, implementation verification of the recommendations from these audits.
- HSE Culture Change training at site.

Plant Operations

- Process smooth operation and troubleshooting.
- DCS operation.
- Issuing PTW, preparing RA, HITRA.
- Participation in PSSR.
- Incidents/Near miss reporting and Investigation.
- Carrying out high risk activities, line break activities, hydrocarbon decommissioning.
- Shutdown planning.
- Reactor and column safe start up, operation, safe shutdown.
- Handling emergencies in silent hours.
- Training to field executives on PIP/ERCP.

Precommissioning / Commissioning

- Review of Process data sheet, isometrics, General arrangement (GA) Drawings, Process Flow Diagram, Process and instrumentation Diagram, Plot plan.
- Checking of Logics and interlocks (process and safety parameters).
- Equipment inspection.

PERSONAL INFORMATION

Father's Name - H S Bhandari

Hometown – Rudrapur, Uttarakhand, India

Date of Birth – 06-03-1992

Marital status – Unmarried

Hobbies – Outdoor activities, cooking, Sports

Criminal records – NIL