

# SAI SANDEEP SARAGADAM

## HSE/ Commissioning Safety Professional

(IDIP), B.E & Dip. Electrical, NEBOSH IGC, OSHA, Advance Diploma in Industrial Safety



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**Availability: Immediate.**



An **accomplished planner** in spearheading entire functions of HSE, delivering organizational goals and succeeding in an environment of growth & excellence by leveraging on skills, knowledge and effective leadership; **targeting assignments** in entire function of HSE with consistent record. Approved by leading clients like **Saudi Fund for Development (SFD), Ministry of Works (Bahrain), Fives Solios, TAV, Arabtec, GARMCO and PMC of Oil & Gas.**

**Location Preference: Middle East & MENA Region.**

### Core Competencies

OHSE/HSE/ QHSE Management

Strategy Planning & Execution

Hazard, Risk Mgmt.& Analysis

HSE Training & Development

ESG & Legal Compliance Management

HSE Budgeting and Allocations

Corrective & Preventive Actions (CAPA)

Continuous Process Improvement

IMS/BRC/Safety Audits & Inspections

Health & Safety Roadmap & Leadership

Fire Safety & Emergency Management

Accident/Incident Prevention & Mgmt.

Cross-functional Coordination

MAH Investigation Management

HAZAOP/Food Safety/ Fraud Defence

### Profile Summary

- ❖ Result-oriented HSE Expert, **with nearly 11 years** of extensive **experience** in **HSE Management & Trainer** in multiple sectors like process, Manufacturing, Aviation, Oil & Gas & Construction in Bahrain & India; gained exposure in ISO standards including 45001, 14001, 9001, and 22000.
- ❖ **Audit and Compliance Expertise:** Managing audit cycles, from preparation to execution and follow-through, ensuring organizational alignment with international standards and regulatory expectations as per organization legal registers.
- ❖ Highly effective in **project management, HSE concepts, policies and procedures** as per regulatory requirements, industry guidelines as well as organizational policies pertaining to Health, Safety & Environment enforcement, trainings and facilitations.
- ❖ **Highly skilled in developing & implementing EHS systems**, culture & processes that allow an organization to be highly preventive in environment, safety and occupational health efforts; Maintained an awareness and observation of **Fire and Health & Safety Regulations** and best practice requirements throughout.
- ❖ Experience in **managing HSE quality control & conducting ISO /IMS/BRC/ Food Safety Audits**, supplier audits (for HSE improvement) and process capability studies for evaluating the effectiveness of Health & Safety Management Systems.
- ❖ Accomplished **HSE leader** with expertise in managing the **HSE functions, EQM, legal compliance and enforcement, facilitation of trainings, and Risk management.**
- ❖ Team briefings on **site inspection, audits and HIRA, safety plans and policies implementation, MOC** on the ground, conducted field safety surveys with contractors and stake holders with key notes on H2S safety, confined spaces, ergonomics, HAZMAT management and human factors.
- ❖ **Exceptional People Management skills**, leveraged in leading teams/diverse skill sets in cross-cultural environments and motivating peak performances coupled with zeal to transform the company's vision into reality.

### Soft Skills

Leadership & Team Building



Interpersonal Communication



Problem-solving



Decision Making



### Notable Accomplishments Across the Career

- ❖ Recognized and approved by the **Ministry of Works, Bahrain**, as an **approved HSE Engineer (PMC)**, ensuring compliance with national standards and regulations in health, safety, and environmental management as per the scope designed.
- ❖ Achieved **365+ consecutive safe man-days without any LTI or LTA** ensuring readiness of Emergency Response Teams (ERTs) for incident management at JBF, Bahrain, a dynamic process plant operated 24/7, 365 days.

## Education

### Professional Qualifications and certifications

- ❖ Pursuing IDIP (Qualifi Level 7 Intl. Diploma).
- ❖ **Advanced Diploma in Industrial Safety (ADIS):** Approved by Inspector of Factories from State Board of Technical Education (Secured state 3<sup>rd</sup> Rank), Equivalent to **ASP, accepted by BCSP** as eligible qualification for **CSP**.
- ❖ **Diploma (Fire Engineering and Safety Management)** from B.S.S, Govt. of India.
- ❖ **B.E. (Electrical & Electronics Engineering)** from Jawaharlal Nehru Technological University, India in 2014.
- ❖ **Diploma (Electrical & Electronics Engineering)** from State Board of Technical Education, Andhra Pradesh, India in 2011
- ❖ **NEBOSH IGC** International General Certificate, **NEBOSH -U.K.**
- ❖ **OSHA (General Safety), Occupational Safety and Health Administration.**
- ❖ **Train the Trainer** certified by **HABC**.
- ❖ **COSHH- Control of substances Hazardous to Health** (CPD Certified), Chemical Management, Risk Assessment, Environmental Awareness Program, Fire Prevention and management (CPD Certified) **by ROSPA, U.K.**
- ❖ ISO 45001, ISO 14001, Food Safety & BRC IA. IMS certified.
- ❖ Certified **Fire Fighter, confined space rescuer** and **First aider**.

## Career Timeline



## Work Experience

Since Mar'25 | Webuild S.P.A, Trojena Mountains, Neom, Kingdom of Saudi Arabia (KSA) | Engineer: H.S.E & Training Management.

### Key Result Areas:



- ❖ **Strategic OHSE Management:** Directing the OHSE framework encompassing and reviewing compliance of construction activities with HSE regulations, focusing on **work at heights, confined spaces, hazardous material handling, use of SPOG**, and high-risk activities of planned phase. Reviewing the RAMS, suggestions and approvals. Monthly HSE stats, Walkthroughs, Client Management.
- ❖ **Competence Development and Training:** Improving team competencies through targeted training programs, fostering heightened awareness and adherence to safety protocols across all levels of operations. Assessing the TNA as per the training matrix.
- ❖ **Regulatory and Stakeholder Coordination:** Establishing strong alignments with the construction team, PMC and the client.
- ❖ **ISO Certification Leadership:** Leading efforts to meet and maintain ISO 45001 and 14001 certifications; leading internal and external audits, developed and executed CAPA, and facilitating cross-functional collaboration with internal teams and external stakeholders to achieve certification requirements.

Aug'20 to Oct'24 | JBF Bahrain W.L.L, Bahrain | Assistant Manager-E.H. S. & Deputy Management Representative, I.S.O

Global producer of PET films catering USA & Europe. Petrochemical process plant.



### Key Result Areas:

- ❖ Directed team operations and oversaw facility management, including the maintenance and operation of **firefighting systems** such as hydrants, fire pumps, sprinklers, and addressable fire alarm systems across multiple business units in Bahrain.
- ❖ Formulated and reviewed **safety policies and procedures**, ensuring alignment with stakeholders and compliance with local and international standards, including OSHA and IOSH.
- ❖ Conducted functional safety evaluations, **gap analyses**, and implemented technical remediations to address safety concerns.
- ❖ Managed coordination with internal and external legal teams adhering to local **environmental EHS governance standards**.
- ❖ Assisted the M.R. in maintaining **ISO/ IMS Systems**; actively participated in internal and external audits, scheduled meetings with auditors, and supported certifications for IMS, Food Safety, BRC, and GRS.
- ❖ Mentored and managed the HSE Team supporting 650+ employees, ensuring seamless 24/7 operations; collaborated with HR and public relations teams on **work injury management**, SIO registrations, and compensation processes.

- ❖ Represented the organization in management meetings, proposing innovative ideas to reduce downtime and optimize safe plant processes; acted as the point of contact for PPE procurement, H&S activities, and coordination with insurance providers, environmental agencies, and civil defence for compliance and certification.
- ❖ Conducted **hazard identification, implemented risk mitigation** measures, and managed crisis resulted in reduce accidents up to 60%.
- ❖ **As DMR**, coordinated with department heads for policy formulation, procedure development, and system documentation.
- ❖ **As a certified auditor**, proficiently conducted and resolved audits for ISO standards including **45001, 14001, 9001, and 22000**.
- ❖ Received **Appreciation from the Group management** for successfully leading dept. to achieve noticeable improvements.
- ❖ Leading a team of HSE officers, fire wardens, ERT team, ensuring their competency levels matching the trends of HSE culture.
- ❖ **Accidents/Incidents trend pattern** analysis on the recorded statistics, RCA and developed training awareness on the RCA and rollout the action plan resulted in **reduction of accidents up to 60%**.
- ❖ Design and conduct different **campaigns** to **improve EHS culture** of the organization.
- ❖ First ever the record of **reaching the set goal of 365 days** without any **LTI/LTA**.

## Previous Experience

**Mar'18 to Aug'20 | Thales SITA - Almoayed ICT, Bahrain | Senior HSE Engineer.**

**Projects: Bahrain International Airport Modernization Program. Airports, Transport & Communications.**

**Main Package: Arabtec-TAV JV, Construction of CUC, Passenger Terminal Building, Apron, Viaduct and Runway upgradation.**

**Client: Adpi & Hill International.**

**Key Result Areas:**

- ❖ Overall implementation of Environment, Health & Safety of the project which includes execution of **group policies** and project requirements align to the scope of the work. Successful certification of **45001 & 14001 standards** for corporate office and the site-specific activities.
- ❖ Coordination for smooth transition of **mobilization** of people, induction protocols, plant, machinery, and equipment, clearance from the client procedures.
- ❖ **Hazardous waste management, HIRA, Emergency preparedness** and liaising with the client project specific requirements and ensuring meeting of the set norms.
- ❖ Leading complete HSE team and assisting the project execution team in fulfilling the requirements and allowing them to understand and facilitating the awareness on the **process flow, PTW requirements, training needs analysis** and competency levels.
- ❖ Lead **HSE meeting** with clients on weekly basis, updating the HSE trends, improvements, conveying the same down the line with project team members, **contractors and sub-contractors** on project HSE mitigation plans, training programs, promotional events and performance reports.
- ❖ Monitoring the activities on **Land side & Airside, terminal buildings, runways, taxiways, hangers, rotunda, viaducts**, and existing airports. Approved Bahrain Airport Airside Access.
- ❖ Assess due requirements for **air side safety**, critical planning, and soft opening control /critical operations/**ORAT**. Understanding and participation.
- ❖ Planning for high-risk activities such as **WAH, confined spaces, critical activities, KRA's** and zero accident/incident objectives. Other responsibilities not confined to the above.
- ❖ Guide, Coach and monitor team performance and those directly associated with implementation of HSE processes, procedures, systems, policies that are critical to success of HSE as they are in line with the projects.



**Mar'17 to Feb'18 | Nass Group: Mechanical, Bahrain | Site EHS Lead & Commissioning Engineer-HSE**

**Projects: EPC of Green filed package of chemical complex construction**

**of polymer and Refining includes Condensate Fractionation and distillation plant.**

**Client: Fives Solios, Bahrain, BAPCO Energies.**

**Organization: Nass Group, Nass Industrial Services.**



Worked and familiar with the HSE culture of the clients across Bahrain, leading the projects for the nation development. Proud to stain a prominent place in ensuring HSE workflow across the national projects in the Bahrain with aim of every single employee "Go Home Safe" Concept.

## Key Result Areas:

- ❖ As a HSE lead, Develop and supervise the **project HSE requirements, policies, procedures and plans** and lead the meetings with the clients for execution.
- ❖ Develop **risk assessments** with the execution team, reviewing the scope, activities listed and assisting the team on gap findings and guiding them with the feedback and mitigation plans.
- ❖ Lead and drive HSE functions, meetings, **walkthrough inspections, site audits, emergency mock drills** and its preparedness.
- ❖ Promoting safety incentives, campaigns, HSE culture and promoting to drive the activities with zero risk to people, plant and equipment's. **Zero incident drive** at all levels of the organization.
- ❖ Establishing **pre-commissioning and commissioning** safety plans, process maps, control matrix of the designed system for operational readiness at boundary outlines.
- ❖ Representing HSE and participation with operational team for executing **LOTO & PTW** key process for **switching activities** of both **green field and brown field**.
- ❖ Aligning with client HSE and their procedures on initiating **Emergency preparedness** during **interface and energization** of the equipment's set up to meet the desired process. Marking **Exclusion zones, safety absolute** and **pre startup safety (PSSR)** assessment.
- ❖ Plan and participation in the project **pre-startup walkthroughs, no-load and load tests, hydro, pneumatic** and other **performance tests**.
- ❖ Ensure compliance on critical activities of **confined space, WAH, H2S, hydrocarbons** safety and hazard management to promote zero risk goal in achieving the target zero accidents and Incidents.
- ❖ Major contribution in achieving **10 Million Man-Hours without any LTI/LTA from t stage to Pre-commissioning, commissioning, charge, line up** the process and turner to the Opd. team on soft run.
- ❖ Provide input in strategic **HSE planning** with respect to integration and compliance with the project requirements and smooth functioning of scope activities.
- ❖ **Zero tolerance for WAH** and other critical activities. **Zero notice of violation** towards Environmental Non-Compliance.
- ❖ Guide, coach and motivate teams which directly and indirectly associated with implementing HSE processes, procedures, systems, policies, critical to success of HSE in overall projects.

**Jun'14 to Jan'17 | Brothers Engineers and Erectors LTD (BEEL) , Visakhapatnam, India | Executive and Safety Engineer**

**Project: Erection of Tilting Furnace Heaters under expansion package - Condensate Fractionations. Mech., Area-1, HPCL, Vizag**

- ❖ As a HSE Engineer, implementing the project HSE plans, procedures, PTW initiations and area HSE inspections on deliverables.
- ❖ Eye watch visits on the critical works of HOT & COLD, WAH, lifting, scaffolding and confined space activities.

### Training & Workshops

- ❖ Attended "Human Factors and Challenges at workplace" workshop session.
- ❖ Training attended at MOW Bahrain on "Contractor Management".
- ❖ Workshop on MEWPs and their operating procedures at workplace.
- ❖ Training on H2S, Heat Stress Management, and behaviour-based safety.
- ❖ Risk Assessment workshops and theories of applications. Hierarchy of Controls and principles of management.
- ❖ Handling MAH units and Hazard management trainings.

## Personal Details

**Date of Birth:** 13<sup>th</sup> Jan 1992

**Languages Known:** English, Hindi & Telugu

**Address:** India

**Nationality:** Indian

**Passport No.:** Z3696374 (Valid up to 2026)

**Visa Status:** Sponsor Required

**Driving License:** Bahrain & India

**Marital Status:** Single

**Relocation:** Available Immediately.

