

# CURRICULUM VITAE

## NAVAID UL ISLAM

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### Career Objective :

To contribute towards the growth and development of a dynamic organization through optimum utilization of my professional skills and knowledge.

### Education :

- M.Tech in Chemical Engineering from NIT-Jalandhar (2010-12) with 7.17 DGPA.
- B.Tech in Chemical Engineering from I.E.T.M.J.P.R.U (2004-2008) with 7.55 DGPA.

### Core Competency :

- Proficient in engineering calculations.
- UK Safety certification of IOSH-MS.
- Certificate of “Environment Management in Process Industries”
- Knowledge of Management tools (FMEA, SPC, 3R, 5S, 6sigma, 8D)
- Familiar with Environment Management System & Waste Management System.
- Familiar with Risk Assessment (R.A), OSHA, HAZIP & HAZOP etc.
- Excellent technical & writing abilities.
- Knowledge of SAP & designing tool (CAD, MATLAB, PRO etc.)
- MIS Report & Data analysis

### Total Experience :

**Total experience = 3.7 + years.**

(One year as a Production Officer, 6 months in R&D as a Research Trainee in Indian Oil Corp (IOC R&D center-Faridabad) & more than 27 months in **Jindal Saw Gulf L.L.C. Abu Dhabi**) along with UK Safety certification (**IOSH MS**)

### Recent Work Experience :

Recently worked with “JINDAL SAW GULF LLC”, ABU DHABI (UAE) Unit, as an “Assistant Engineer” since **April 2013 to July 2015**

### Company Profile:

Jindal SAW Ltd. is a part of the USD \$ 16.5 billion O.P. Jindal Group, one of the country's topmost industry houses and the foremost indigenous steel producers and exporters.

Jindal SAW Gulf LLC is the first largest state of art integrated plant in Middle East producing large sizes Ductile Iron Pipes with diameter range DN 200 to DN 2200 mm to cater the huge requirement of infrastructure projects, mainly associated to potable, waste water transmission & distribution projects.

*I am working directly under my plant head to improve the process & during 27 months many assignment & projects are completed. A brief description of the work is as follows:*

❖ **Risk Assessment & Risk evaluation (HAZOP/HAZID)**

**Duties – To conduct the risk assessment for each operation/process**

- ✓ Evaluate the hazard/risk involved in the process
- ✓ Evaluate the consequences of the hazard/risk involved in the process
- ✓ Calculate the risk level
- ✓ Suggest the risk control measures to be taken to decrease the risk level
- ✓ Set the target dates & reporting on performance

❖ **Environment compliance audit (managers walk around)**

**Duties – To conduct the managers walk around weekly with all the managers (including HSE) to meet the AD EHS requirements**

- ✓ Prepare the corrective action plan
- ✓ Set the target dates for the concern person/department & reporting on performance

❖ **Environmental Monitoring & Control (Under Progress)**

**Duties - Identify the requirement for environmental monitoring & implementing effective operational management practices**

Presently we are taking the services of Wimpey laboratories for sampling

- ✓ Stack monitoring & sampling
- ✓ Air quality monitoring & sampling (inside & outside the plant)
- ✓ Noise pollution monitoring on site & its engineering controls
- ✓ Water quality monitoring & sampling (Process water & waste water)

❖ **Waste Management (Under Progress)**

**Duties - Currently involved in the development of waste management program to identify the quantity & type of waste generated by each department**

- ✓ Developing strategy for waste segregation & collection
- ✓ Identify the authorized waste disposal company as per the regulatory requirement
- ✓ Developing strategy for Transportation & Disposal plan for the waste generated

**Previous Work Experience :**

Worked as a “Production Officer / Engineer” in “SAF YEAST CO. Pvt Ltd”, in SANDILA (DISTRICT HARDOI) since **April 2009 to April 2010.**

**Company Profile:**

SAF YEAST CO. Pvt. Ltd. is India's largest yeast producing company. It has two manufacturing units in India. It produces quality beakers yeast, which is consumed in various bakery products. SAF YEAST is ISO 9001& HACCP certified company.

**Job Responsibilities and Nature of Work –**

- ✓ Attendance marking of operators in Shift beginning.
- ✓ Conduct Tool Box Talk with the shift operators and contract workmen to ensure safety.
- ✓ Deploy Operators in every Shift & Ensure Batch Charging as per Planning Schedule.

- ✓ Ensure Adherence to Formulation Sheet with respect to Process instructions.
- ✓ Ensure all in-process Checks Are Carried as per Formulation Guidelines.
- ✓ Carry out required transactions and process records.
- ✓ Fill up the SHIFT REPORT at the end of the shift.

M.Tech (Chemical Engg.) Gera	Supervisor's: Prof. M.K. Jha & Ms Poonam
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**Research Topic:** "Preparation & Application of Co-Mn based solid heterogeneous Catalyst for Transesterification of Vegetable Oil to Biodiesel" at **"I.O.C R&D" Unit Faridabad (Haryana)**.

**Seminar Topic:** "CARBON FOOTPRINT"

B.Tech (Chemical Engg.) Karuna	Supervisor: Prof. M.S
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**Dissertation Title:** "Process Design for the Commercial Unit to Produce FAME"

**Seminar:** "DELAYED COKING"

**Industrial training :**

- 1) Undergone six weeks of industrial training at **"IFFCO"** (INDIAN FARMERS FERTILISER COOPERATIVE) in **"UREA PLANT"** from **AONLA Unit**.
- 2) Undergone a seven months (1st Dec 2011 to 3rd July 2012) of training at **"I.O.C R&D" Unit Faridabad (Haryana)** for my M.Tech project and thesis work.

**Other Information :**

**Conference Paper-**

Presented a conference paper on *"Waste Gases Utilization for Production of Ethanol via Fermentation"* during the Conference on *"National Conference on Recent Advances in BIO-ENERGY"*, Nov 25-26, 2011. held at S.S.S.N.I.R.E KAPURTHALA (PUNJAB)

**Short Term Course-**

Participated in one week short term course on *"Environment Management in Process Industries"* organized by Department of Chemical Engineering at Dr B.R Ambedkar National Institute of Technology, Jalandhar from June 05-09, 2011.

**Industry Project-**

Worked on the project *"Preparation & Application of Co-Mn based solid heterogeneous Catalyst for Transesterification of Vegetable Oil to Biodiesel"* at IOC R&D Centre, Faridabad in Fuel and Synthesis Department of R&D Centre, during the period Dec 2011 to July 2012.

**Computer Skills :**

- Excellent command over MS word, Excel & Power Point
- Basic knowledge of C programming & working knowledge of MATLAB & CAD.

**References**

**Declaration :**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place:

**Navaid ul Islam**