



 KSA , DAMMAM
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CERTIFICATION COURSE

- AMERICAN GALVANIZERS ASSOCIATION'S INSPECTION COURSE - 2021
- POST GRADUTION DIPLOMA IN "PROCESSES DESIGN ENGINEERING WITH SIMULATION" PUNE (2019 TO 2020)
- SOCIETY FOR SURFACE PROTECTIVE COATING INDIA (SSPC LEVEL 1 & 2) IIT- MUMBAI (2015)

AWARD & HONORS

- INTERNATIONAL CONFERENCE ON "EMERGING TRENDS IN OLEOCHEMICALS & LIPIDES (CSIR, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD)

SKILLS

- PROCESS IMPROVEMENT
- LEADERSHIP
- PUBLIC RELATION
- TEAM-ORIENTED AND RESULT DRIVEN
- ON-SITE INSPECTION PERFORMANCE

COMPUTER PROFICIENCY

- Microsoft EXCEL
- Microsoft WORD
- AutoCAD
- HTRI, PDMS
- UNISIM DESIGN
- CHEMCAD AND ASPEN HYSYS

LANGUAGES

- HINDI

- ENGLISH


PERSONAL INFORMATION

- **Birthdate** : FEB 19, 1993
- **Gender** : Male
- **Marital Status** : Single
- **Father's Name** : Shri Arun Prasad
- **Nationality** : India
- **Passport** : (U1807280)
- **Expires** : 22/12/2029

AMIT RAJ

CHEMICAL ENGINEER

OBJECTIVE

A challenging and responsible job opportunity in a chemical industry that takes advantage of my technical knowledge, analytical skills and troubleshooting ability for its growth and development. To learn and upgrade my personality while enjoying working with experienced professionals.

EDUCATION

- **B.TECH IN CHEMICAL TECHNOLOGY** **Graduated**
 U.D.C.T. AMRAVATI
 AMRAVATI , MAHARASHTRA 2015
- **SCIENCE, HIGH SCHOOL** **Completed**
 B.D PUBLIC HIGH SCHOOL 2010

WORK EXPERIENCE

- ❖ **ARABIAN GALVANIZING CO.** **FEB, 2020**
 (Hot dip galvanizing and coating industry) **TO**
 QA/QC ENGINEER **TILL**
 DAMMAM, KSA.

RESPONSIBILITIES :

- Performed and coordinated with production team for inspections and determined quality assurance testing models of raw materials and finished products.
- Designed and developed forms and instructions to evaluate, assess and report quality standards and data.
- Prepared, documented and executed detailed test plans, test cases and defect reports.
- Interfaced with suppliers, inspectors and clients to resolve outstanding non-conformance issues prior to shipment.
- Supported root cause and data analysis for defect reduction and process yield improvement. Having knowledge of ISO 9001:2015, 45001:2015, 14001:2015 and ARAMCO certification.

- ❖ **MASHAL CHEMICAL INDUSTRY WLL.** **JUN, 2017**
 (Manufacture of Liquid detergent and shampoo) **TO**
 PRODUCTION ENGINEER **MAR, 2019**
 BAHRAIN

RESPONSIBILITIES :

- Prepared, calibrated and monitored production machinery to maintain optimal production levels and consistently achieve daily targets.
- Conducted routine inspection of incoming materials to check quality and compliance with established product specifications.
- Hazard analysis and critical control points (HACCP) implementation and review.
- Critical control points (CCP) monitoring on daily basis
- Coordinating with store, purchase department for material availability.
- Audits as per schedule (process, B.S.R, Traceability etc).

**COMPLETED PG DIPLOMA IN
PROCESS ENGINEERING
WITH SIMULATION AT AAPT,
PUNE**

- BD, PFD and P&ID
- Mass and Energy Balance
- Pump calculation & selection
- Plot plan and Equipment layout
- Line sizing calculations
- Design of Evaporator, Distillation tower, Heat exchanger and CIP station
- Knowledge of simulation software Aspen Hysys, Unisim Design, HTRI, Chemcad.
- AutoCAD 2D and 3D, PDMS
- Waste water treatment and ZLD

AMIT RAJ

CHEMICAL ENGINEER

❖ **CARBOLINE INDIA PVT. LTD**
(Manufacture of Protective Coating & Industrial Paint)
QUALITY CONTROL CHEMIST.
MUMBAI, INDIA

SEP, 2015
TO
JUN, 2017

RESPONSIBILITIES :

- Conducting Trial Batches of paint (in Lab).
- Testing of finish products.-(% Volume solid, Total non volatile component, Density, viscosity, drying time, Gauge, Sag, surface dry, Hard dry, Gloss, Potlife and shade.)
- Testing of raw material.-(Oil absorption, strength, opacity, Total non volatile component, Gauge, and sieve analysis.)
- Sometimes looking production activities of epoxy and PU, thermosetting paint, and alkyd paints.
- Handling of manpower and set the time frame for the production output.
- Handled Spectrophotometer, Data colour 110TM, Brookfield Viscometer, Lab Bead Mill, Dyno Mill, & PH Meter, Distillation apparatus

❖ **SOLITAIRE DRUGS AND PHARMA PVT LTD** MAR, 2019
Food and beverage division **TO**
Training Engineer JUN, 2019
Kashipur Uttarakhand

RESPONSIBILITIES :

- Handle Snacks line (soya Chap, French Fries, Ready to eat and Ready to cook products) Moisture, ash (AIA Analysis), Sugar, Acidity, Sodium and purity of Raw Material and chemicals.
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DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

AMIT RAJ
