

Jahfar Swadique KM

CHEMICAL ENGINEER

To be a part of work culture which will sets me in a path of continuous learning for becoming a professional with top notch technical and management skills and thereby contributing to the success of an organization.



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UNITED ARAB EMIRATES

WORK EXPERIENCE

QA/QC ANALYST/OPERATION/PRODUCTION TRAINEE Indcarb Activated Carbon Private Limited

01/2021 - 01/2022

Kanjikode, India

Achievements/Tasks

Operations

- Ensured safe handling, storage and feeding of incoming charcoal load (raw material). Coordinated and assigned routine duties to plant workers.
- Authorized the feeding process and lowered the **RUNNING TIME** of dryer to **8HRS** per day.
- Supervision of process and drying operations of the acid washed bags as per instructions of management.
- Headed the operation of **ROTARY KILNS**, accomplished the target of **40% YEILD** and **56% CTC ACTIVITY**.
- Troubleshooted errors in Weigh Feeder and obtained correct ideal flow rate.
- Leded and Participated in **STARTUP** and **SHUTDOWN** operations of **ROTARY KILN**.
- Produced and Maintained a constant steam flow rate using **FIRE TUBE BOILER**.
- Overseed the feeding operations of Ex-Kiln materials to post production crushers, separum(sieve) and **ROTEX** Crushers.
- Collaborated with operation manager, assistant plant manager and production incharge.

QA/QC Analysis

- Conducted Raw Material Sampling, Primary and Secondary analysis like Visual Inspection, Moisture Content, Volatile Matter, Ash Content, Fixed Carbon.
- Periodically Monitored Feed Moisture Content, CTC Adsorption Percentage, Particle Size Distribution, Apparent Density of Ex-kiln Materials.
- Performed post production jumbo bag analysis like Apparent Density, CTC Adsorption test, Particle Size Distribution, Moisture Content, Platelets, As Per **ASTM, AWWA** Standards and Maximized Target/month to **1000 JUMBO BAGS**
- Analysed the Quality of water samples from **Boilers, RO Unit, PreFilters** using parameters like **PH, Total Hardness, Total Dissolved Solids, Conductivity, Salt, Turbidity, Iron Content and Alkalinity**.
- Calibrated testing equipments periodically.
- Prepared **COUNTER SAMPLES, CERTIFICATE OF ANALYSIS (COA)** of tested samples.
- Collaborated with Quality Manager and RO Supervisor.

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PROJECTS AND ACTIVITES

- Production of Caustic soda and design of shell and tube heat exchanger.

03/2022 - 03/2022

- Internship at The Travancore Cochin Chemicals Ltd. Kochi, Kerala, India.

06/2019 - 07/2019

- Internship at The Malabar Co-operative Textile Ltd. Malappuram, Kerala, India.

07/2017 - 07/2017

- Seminar on topic Biofuel From Algae at MGM College Of Engineering And Pharmaceutical Sciences, Malappuram, India.

EDUCATION

B-TECH CHEMICAL ENGINEERING APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

08/2016 - 10/2020 Kerala, India

7.43

SECONDARY EDUCATION

ST. MARY'S HIGHER SECONDARY SCHOOL

08/2014 - 03/2016 Kerala, India

88.3

SKILLS

COLLABORATION

DECISION MAKING

DATA ENTRY

PROBLEM SOLVING

CRITICAL THINKING

MUTLITASKING

COMMUNICATION

LEADERSHIP

TEAM MANAGMENT

MS OFFICE TOOLS

LANGUAGES

English

Full Professional Proficiency

Malayalam

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

Arabic

Elementary Proficiency

PERSONAL DETAILS

DATE OF BIRTH : 18/09/1997

GENDER : MALE

NATIONALITY : INDIAN

VISA STATUS : VISIT VISA

PASSPORT NUMBER : U4192444

MARITAN STATUS : SINGLE