

WAHEED AHMED

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SUMMARY:

A highly enthusiastic Chemist with having sufficient experience in packaging and flexible printing inks, Product development, pigment based colour, on job trainings, technical services, customer's technical training and complaint handling. Practice in instrument monitoring and analytical method performance.

Qualification: M. Phil. Chemistry

PROFESSIONAL HIGHLIGHTS:

2016-17 QUALITY CONTROL OFFICER *Dynamic Packages (Pvt) Ltd*

Dynamic Packaging (Pvt.) Limited was incorporated in Pakistan as a Private Limited Company on 2004 with providing quality Packaging materials to national as well as international customers.

Manufacturing products consist of beverages (*pepsi cola international, coca cola and nestle Pakistan ltd, haidri beverages*), snacks including potato chips, slanty, chocolates, biscuits and nimko (*pepsi cola international, Continental biscuits, asian food industries, lotte kolson*) souces and spices(*shan foods and national foods*), cosmetics, and house hold items.

During the service I have fulfilled the following responsibilities as a quality control officer

Responsibilities:

- Prepare daily working plan.
- Sampling of all packaging material related to polymer films PET, BOPP, MOPP, MCPP, MPET, PVC, Lablite OPP, milky OPP and LDPE.
- Preparation of packaging specification and packaging test procedure.
- Perform analytical test of all above packaging materials with the help of ASTM method.
- Inspect each product to ensure that all products meet the standard.
- Prepare analytical test reports of packaging materials.
- Documentation and Quality control of intermediates, finished product during processing.
- Calibration of equipments.

During this period, I have performed the following instruments

- Gas Chromatography
- WVTR and OTR
- Tensile Tester
- X-Rite spectrophotometer
- Karl fisher titration

2017-19 R&D CHEMIST

Global ink& chemicals pvt ltd.

GLOBAL INKS & CHEMICALS (Pvt.) Ltd. is the fastest growing and one of the paramount printing inks manufacturer of Pakistan. Established in 2008, the company is providing complete range of solvent-based ink systems for the Rotogravure & Flexographic printing industries in country and across the country.

I got experience of ink formulation, colour matching, quality and evaluation of new raw materials.

Key Responsibilities:

- Pantone Colour matching and testing
- Evaluation of raw materials including pigments, resins, waxes and organic solvents.
- Prepare analytical test reports of all above materials according to standard method.
- Analysis and search of market for new product liaison with marketing and sales department.
- Handling any objections.
- Production support

I have performed and got experience of following instruments during service

- Tint tester or k proofer for colour matching
- Digital krebs viscometer
- Digital PH meter
- Karl fisher titration (moisture analyzer)
- Gloss meter
- X-Rite spectrophotometer
- Blocking tester used for ink migration

2019-PRESENT RESEARCH AND DEVELOPMENT HEAD

Global ink& chemicals pvt ltd.

Due to strong technical background, I have promoted as a research and development head. During service, I was launched new technologies of inks for market like

- NC base ink

This system is recommended for different type of jobs like snack of foods, confectioneries, oil and ghee and frozen foods.

- NC/PA base inks

It is high gloss ink system and has application in surface printing on different substrates in different jobs like wrapper candies, beverage bottle label, and

- PA base ink

Specially designed for packaging materials of bakery products and shopping bags.

- Pu-vinyl base

Multi-layer heavy packaging material, boil able and retort-able and frozen foods products.

- Water base inks

Being low cost and environmental friendly, it has considerable demand in the market. It is used for printing corrugated box and paper.

Another achievement is related to pharmaceuticals, I have developed food grade **PRIMER** and **HEAT SEAL LACQUER** for blister Aluminum foil.

Key responsibilities,

- Monitoring the laboratory activities including sampling, analysis and reporting of product.
- Play key role in new product development by adjusting formulas and process to increase efficiency.
- Telephonic and customer visits for technical support
- Role in training programs for the customer and sale staff to improve the performance.
- Handling any objections. Communicated professionally with customer and advise them about technical issue.
- Negotiation with vendors or suppliers for raw materials.
- Documentation and Quality control of intermediates, finished product during processing.
- Calibration of equipment's.

ACADEMIC INFORMATION

- ❖ M.phil chemistry in 2018 from university of the Lahore with CGPA 3.15
- ❖ M.Sc chemistry (inorganic) in 2015 from university of the Punjab with 1st division
- ❖ B.sc (physics, chemistry, math) in 2013 from university of the Punjab
- ❖ F.Sc pre-engineering in 2011 from Lahore board
- ❖ Matric science in 2008 from Gujranwala board.

PUBLICATION:

Topic: *Evaluation of source, depositional environment, thermal maturity and biodegradation of organic matter from kohat-potwar basin, Pakistan.*

Author: Arif nazir, waheed ahmed, abubakar siddique and munawar iqbal

Journal: petroleum science and technology

Link: <https://doi.org/10.1080/10916466.2019.1684946>

References:

Will be furnished on demand.

