

REPORT ON INDUSTRIAL VISIT

At

RPG LIFE SCIENCES, ANKLESHWAR



Plot No. 3102/A, G.I.D.C., Industrial Estate,
Ankleshwar, Bharuch, Gujarat - 393002

Date: 23rd SEPTEMBER, 2023



UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

Gopal Vidyanagar, Bardoli-Mahuva Road, Tarsadi, Surat, Gujarat -394350.

Report on industrial visit to RPG Life Sciences, Ankleshwar

Date of visit - September 23, 2023

Place of visit	RPG Life Sciences Limited, Ankleshwar
Coordinators from college	Mr. Praful P. Dedhiya, Dr. Pintu B. Prajapati, Dr. Renu Chauhan
Approved By	Dr. Shailesh Shah, Principal
Participating students	16 students from Second Sem M.Pharm (Pharmaceutical Quality Assurance, Pharmaceutical chemistry & Pharmacology)
Accompanying faculty members	Ms. Dhrumi Naik & Ms. Nikita Panchal
Coordinators from industry	Mr. Shailesh Limbachiya Human Resources Mr. Rajesh Chopra Site Head Mrs. Ankita General Manager, Human Resources Mr. Pratik Chhaparwal Technology Transfer Mr. Akshay Patel Senior Executive (Quality assurance)

The Industrial visit to RPG Life Science Limited, Ankleshwar was organized by Maliba Pharmacy College on 23rd September, 2023. The visit was coordinated by Mr. Praful Dedhiya, Faculty of MPC. Fifteen students of second sem M. Pharm and two faculty members, Ms. Dhrumi Naik and Ms. Nikita Panchal, visited the industry. The students were fortunate enough to get an opportunity to visit the plant approved by domestic and international regulatory authorities.

The students begun their journey at 5:45 am from Bardoli and reached the destination at 09:10 am. Mrs. Ankita mam, the HR department of RPG Life Science Limited, welcomed the group and provided a comprehensive overview of the industry. She discussed job prospects for pharmaceutical students and offered insights into the working culture at RPG Life Science.

Two employees, Mr. Pratik Chhaparwal and Mr. Akhshay Patel, engaged the students in a detailed discussion about the various unit operations involved in the manufacturing of solid dosage forms. This insight into the manufacturing processes was valuable for the students. RPG Life Science Limited generously provided breakfast for all participants before the field visit, ensuring the students were well-prepared for the day.

For the field visit, the students were divided into two groups. The plant layout; material as well as men flow; the sensitization and gowning procedure were explained in the detail to the students of both the groups before entering into the premises. After wearing visitor's apron, shoe covers and caps, the students were allowed to enter the area. The raw material warehouse area and production (formulation) and QA & QC areas was explained by Mr. Pratik Chhaparwal and Mr. Akhshay Patel.

The Following things were explained in detail in ware house:

- a. Raw materials and packaging material flow
- b. Labelling to indicate status of material and label detail
- c. Storage
- d. Window to transfer the material from warehouse to production
- e. software for digital data maintenance.
- f. Men flow

The Following things were explained in detail in production area:

- a. MRO (material request order) and dispensing
- b. washing area
- c. Cleaning and validation
- d. Documents like BMR, SOPs, etc.
- e. granulation process steps, mechanism and equipment such as rapid mixer granulator, fluidized bed dryer
- f. the sampling technique for IPQC test
- g. Tablet compression process and machine
- h. Special precautions for light sensitive materials,
- i. Tablet defects due to compression variation and its remedies
- j. Tablet coating process and pan as well as auto coater

- k. capsule filling and sorting operation
- l. Sorting and packaging operation: primary packaging area (Blister, bottles, etc) and secondary packaging area
- m. Labelling as per domestic and foreign market requirements

The Following things were explained in detail in analysis department:

- a. Documentation
- b. Equipment for analysis like HPLC, GC, dissolution apparatus
- c. stability chamber.
- d. Case studies for need of data management and proper documentation

At the end all the students and faculties gathered again in the training hall. Mr. Rajesh Chopra, the Production Head and Mr. Shailesh Limbachiya, the HR inspired the students by emphasizing the importance of adopting a multidisciplinary approach to become successful leaders in the pharmaceutical industry in the future. Mr. Rajesh Chopra, Mr. Shailesh Limbachiya and Mr. Pratik Chhapparwal were felicitated by Ms. Dhrumi Naik and Ms. Nikita Panchal. The fruitful visit of RPG Life Science Ltd., Ankleshwar was ended cheerfully by clicking a group photograph at the entrance of the industry at 2:00 pm.

Overall, the industrial visit to RPG Life Science Limited was an enriching experience that exposed students to real-world pharmaceutical manufacturing processes and provided valuable insights into the industry's working culture. This visit was made possible through the efforts of Mr. Praful Dedhiya and the coordination of Maliba Pharmacy College.



Group photo of students at entrance of RPG Life Science Ltd., Ankleshwar



Group photo of faculties and students with
Mr. Shailesh Limbachiya, Mr. Rajesh Chopra and Mr. Pratik Chhapparwal