

REPORT ON INDUSTRIAL VISIT

at

RPG LIFE SCIENCES



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

Date: 12th MARCH, 2022.



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	March 12, 2022
Place of visit	RPG Life Sciences Limited, Ankleshwar
Coordinators from college	Dr. Ashish Mishra and Mr. Praful Dedhiya
Approved By	Dr. Shailesh Shah, Principal
Participating students	24 students from Second sem M.Pharm (Pharmaceutics & Pharmaceutical Quality Assurance)
Accompanying faculty members	Dr. Hetal Patel Mr. Atul Khadse
Coordinators from industry	Mr. Rajesh Chopra Site Head Mr. Mokshang Mehta General Manager, Human Resources Mr. Pratik Chhapparwal Assistant Manager (Production) Mr. Akshay Patel Senior Executive (Quality assurance)

The Industrial visit to RPG Life Science Limited, Ankleshwar was organized by Maliba Pharmacy College on 12th March 2022. The visit was coordinated by Mr. Praful Dedhiya, Faculty of MPC. Twenty four students of second sem M.Pharm and two faculty member, Dr Hetal Patel and Mr. Atul Khadse, 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 Navsari and reached the destination at 08:15 am. A brief overview about industry was given by the HR head, Mr. Mokshang Mehta, in the training hall. He has also discussed about job aspects for pharma students as well as working culture of RPG life science. Two employees, Mr. Pratik Chhapparwal and Mr. Akshay Patel, discussed in detail about each unit operation carried out in the manufacturing of solid dosage form before the field visit. The production head, Mr. Rajesh Chopra, encouraged the students to adept multidisciplinary approach to be a successful leader in the industry in future. The breakfast was provided by industry before the field visit.

For the field visit, the students were divided into two groups- M. Pharm Pharmaceutics and M.Pharm QA. 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. The students of M.Pharm Pharmaceutics started visit from raw material warehouse followed by production department and then analysis (QA, QC) department. The students of M.Pharm QA have started the visit from analysis (QA and QC) department followed by warehouse and production department. 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) area was explained by Mr. Pratik Chhparwal and QA and QC area was explained by Mr. Akshay 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 and Mr.Pratik Chhapparwal and Mr. Akshay Patel were felicitated by Dr. Hetal Patel and Mr. Atul Khadse. Mr. Rajesh Chopra was felicitated by Ms. Ayushi Vasandia, one of the M.Pharm students. 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.



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



Faculties, students and trainers at the training hall of the industry