



Report on Industrial Visit to ACG Associated Capsules Pvt. Ltd, Shirwal



SEPTEMBER 28, 2018
MALIBA PHARMACY COLLEGE

Report on Industrial Visit to ACG Associated Capsules Pvt. Ltd, Shirwal.

Date of visit	September 28, 2018
Place of visit	ACG Pharma Technologies. ACG Metal crafts Pvt. Ltd. ACG Pharma Pack Pvt. Ltd. ACG Associated Capsules Pvt. Ltd, Shirwal.
Coordinators from college	Dr. Furqan Maulvi, Samresh Pal Roy, Dr. Vilas Surana, Dr. Nidhi Kher
Approved by	Dr. Shailesh A. Shah, Principal
Participating students	28 th students of 1 st semester M. Pharm
Accompanying faculty members	Dr. Bhavik Satani, Mr. Avinash Khadela
Coordinators from industry	ACG Pharma Technologies- Mr. Hrishikesh Mane ACG Metal crafts Pvt. Ltd.- Mr. Shantanu ACG Pharma pack Pvt. Ltd.- Mr. Pushpendra Singh ACG Associated Capsules Pvt. Ltd- Ms. Pooja kumari

The Educational visit to ACG Pharma Technologies, ACG Metal crafts Pvt. Ltd, ACG Pharma Pack Pvt. Ltd, ACG Associated Capsules Pvt. Ltd, Shirwal was organized by Maliba Pharmacy College on 28th Sep 2018. 28 students of 1st year M.Pharm and 2 faculty members who actively participated in the visit, which was successfully coordinated by Dr. Furqan Maulvi. We started our journey at 7:00 AM from Pune and reached ACG Pharma Technologies at 8:30 AM.

Mr. Hrishikesh Mane gave a brief introduction about the safety in ACG Pharma Technologies. He showed safety rules in industry and prepared our safety card by taking test of safety rules. Safety card include our photos, contact number and map of industry. It also guides us what precautions we have to take during emergency. All students got individual safety card and helmets before entering ACG Pharma Technologies. They divided us in two groups of 15 students. After that we entered industry first we saw raw material warehouse there they have kept raw steel in bulk. From their steel is transferred to the cutter machine. After that it is shifted to parts arranging department. They have showed us how laser cutting machine cuts with high quality and micro cut. Then they showed us how the cut parts are washed and polished. After that inspection department checks the machine is properly working as per customer demand. Once it is tested it is labelled ok. The prepared machine is given final polishing and touch up. After that packaging is done. Then they showed R & D laboratory, there we had seen working of top spray & bottom spray machine, ACG GPCG 1.1 for pallet coating. At the end we have seen the storage house there are batch number and transporting details on the label packed machine.

We reached ACG Metal crafts Pvt. Ltd. At 11:45 AM. They welcomed us with tea and biscuit. Mr. Shantanu guided us while we were having tea and biscuit; he gave us brief information about industry and showed different types of dyes and punches. Then we divided in two groups. Firstly, we saw different parts like rock auger, steel rolling mill parts, sugar mill spare parts, wind mill parts, hot air blower, air blower made up of aluminum. Then we saw stainless steel washing and polishing department. After that we saw how parts were fitted after inspection. We gathered in room where they took our feedback and on the reception we took a picture.

We reached ACG Pharma Pack Pvt. Ltd. At 2:30 PM. There they gave us delicious lunch. Mr. Pushpendra Singh is our guide in pharm pack industry. After lunch we gownned ourselves with cap, apron, earplugs, mask, shoe cover. Before entering production area, we washed our hand with sanitizer. Firstly, we saw film department. They were preparing gel from solid material, gel is heated at 170°C temperature and then cooled down at 50 C. then it is cut into desirable size as per order. We have seen QC department. There they have shown us demo how the cavity is formed on sheets. If the sheets are passed then roll is packed and labelled. In QC department they have shown equipment for leakage test, moisture test, oxygen content test, water vapor test. Then we gathered at reception were they took our feedback.

We reached ACG Associated Capsules Pvt. Ltd. At 4:00 PM. Presently, the industry is involved largely in the manufacturing of hard gelatin capsule shell and HPMC capsule shells. Firstly, we were taken for the snacks meanwhile Miss Pooja gave the introduction of industry. Then we proceed to gownning room where we covered ourselves with apron, shoe cover, cap, and mask. Firstly we visited raw material area where quality test was carried out on gelatin. Then they show how gelatin was heated and how it was transferred to capsule shell manufacturing department. They showed a room where they store different types of dyes. Then they showed manufacturing area in which gelatin solution was mixed with different dyes. Different sizes of pins were dipped in gelatin dye solution. The batch was shifted in upward direction for drying and moved forward on conveyor belt. The same procedure was carried out for cap and body and at one point cap and body were joined together. They have shown 4 different sizes (0, 1, 2, 3) of capsule shell. Then they showed how the company logo is printed on the capsule shell. At last the quality test is performed on capsule shell. Passed batch is packed and labelled. We gathered in guest house there Miss Pooja took our feedback.

We left from the plant at 5:30 PM and reached our Pune accommodation at 7:00 PM. For the industrial visit on 28th September 2018 we left Bardoli on 26th September 2018 night and reached pune at 9:00 AM on 27th September 2018. We stayed at Hotel Ashiyana, FC road, Shivajinagar, Pune. On that day we visited shanivarvada and phoenix market city. We departed from pune on 29th September 2018 at 7:00 AM in train. We reached Mumbai at 11:30 AM and then we went for Mumbai darshan. We arrived at our home place about 10:00 PM

Prepared By: M.Pharm (1st Year Students)

Date: September 28, 2018

1) ACG Pharma Technologies



2) ACG Metal crafts Pvt. Ltd.



3) ACG Associated Capsules Pvt. Ltd.



— Mumbai Darshan:

