

Johnson Cables Industry Visit Report

Organized by: BIS Club, Department of Electrical Engineering

Date: February 21, 2025

Venue: Johnson Cables Unit 2, Chhatral GIDC, Gujarat

On February 21, 2025, 50 students from the 6th and 4th semesters, accompanied by Prof. K.A. Bhatt and Prof. H.N. Raval, visited Johnson Cables Unit 2, Chhatral GIDC, Gujarat, as part of an industrial visit organized by the BIS Club. The objective of the visit was to gain insights into the manufacturing, testing, and certification of electrical cables.



The team at Johnson Cables extended a warm welcome and provided an overview of cable manufacturing. Engineers explained the classification of cables, key quality parameters, and the significance of BIS certification. The discussion also covered IS 7098 (Part 1), the standard governing cables up to 1100V, highlighting its role in ensuring safety and reliability.



Students were taken on a guided tour of the manufacturing unit, where various stages of cable production, including wire drawing, conductor stranding, insulation, sheathing, and final assembly, were demonstrated. The automation and precision involved in the process showcased the company's commitment to quality standards.



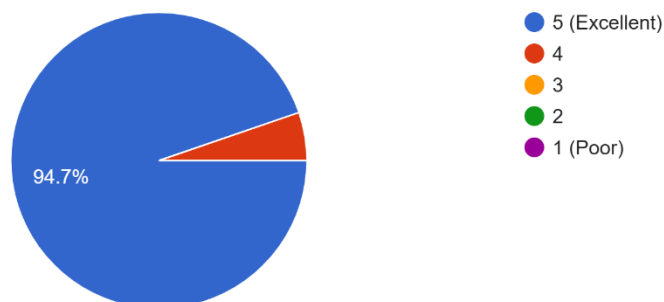
The visit continued to the testing and quality control section, where cables were subjected to rigorous assessments such as heat resistance, mechanical durability, and high-voltage insulation tests. These procedures emphasized the importance of stringent quality control measures in ensuring product reliability.



Following the technical tour, lunch was sponsored by BIS, providing an opportunity for informal discussions with faculty members and industry professionals. The interaction helped students understand career prospects and industry expectations in the electrical sector.

Feedbacks from Students

Feedback about this Industrial visit
19 responses



Rate the Speaker
19 responses

