

Report on Educational Visit of Econ Sleeper factory Antri, Gwalior

INTRODUCTION

Department of Civil Engineering conducted an educational visit to Econ Sleeper Factory Antri, on **March 06, 2024**. Econ Antri Limited has the distinction of being the first manufacturer on Indian Railways to manufacture Diamond Crossing Sleepers (Without Slip, Single Slip & Double Slip). **Broad Gauge Pre stressed Mono block Concrete Sleepers (RT-2495 & RT-2496)**. Have been designed to support higher axle loads, withstand higher temperature variations, better withstand fire hazards, and offer reduced maintenance costs. Econ Antri Limited can supply the entire spectrum of concrete sleepers variations which includes standard sleepers, approach sleepers, level crossing sleepers, turnout sleepers, concrete blocks and others. An Industrial visit is especially of civil engineering students can be benefited in many ways by visiting these different types of concrete sleeper. **Twenty students** of third year and second year along with two faculty members have visited the industrial visit and enriched their practical knowledge.

We extend our sincere gratitude to Mr. Sukhveer Singh Chauhan (Work Manager), Mr. Rajesh Neelam (Assistant Engineer, NCR) and Mrs. Megha Gupta (HR Manager) for support and sharing the functioning of the Unit. Students also felt enlightened.

OBJECTIVES

The objectives of this visit were-

- To make our students familiar with latest trends and technologies in concrete Sleeper.
- To aware our students about the Pre-tension system or a post-tensioning system in concrete Sleeper.
- To develop the new technology and new ideas of students.

LEARNING OUTCOMES

Main outcomes of this visit are -

- Students were very happy with this visit. They satisfied their curiosity and queries.
- Students learned about advancements taken place in Civil Engineering.
- Students get boosted up their confidence & faith in Civil Engineering branch.

Thanks & Regards

Dr. Manoj Sharma
Head CE

