Ace components – Company Profile

- Ace components was promoted in 1983 by a technocrat entrepreneur with rich experience in medium and large corporate and with technical training.
- The company established a full line for production of Carbon and Metal film resistors from film deposition to finished resistors, thereby having full control on the quality of the products.
- Ace resistors are tested for application requirements and relevant material and international standards.

All processes from order processing to delivery is fully automated to ensure error free and efficient handling of all orders and certified to ISO 9001:2000 standards.

INDUSTRIAL DETAILS

We reached the industry at about 10 am, it was a great exposure for us. As ECE students we always dealt with resistors but we never knew about its productions. We came across various resistors and capacitors, the production of these which once was an imagination came into a reality. The guide was really informative even were privileged to be part the manufacturing process. We came across the following resistors:

High Stability Carbon Film Resistors

Construction:

Ace high stability carbon film resistors are coated with a thin film of highly pure carbon on high alumina ceramic rods by pyrolysis, under controlled conditions. The final ohmic value is achieved to close tolerances by uniformly helixing on precision imported machines using low IRV, to ensure high stability and long life. The lead wires are welded to the end caps with Electro Tinned Copper wire, weld strength tested online, pulsed to withstand short term overload, coated with multiple layers of epoxy and colour bands (E-24 Series) to international standards.

Features:

High stability

Long service life

Small size

Low noise special epoxy coating for protection and insulation against severe tropical exposure and moisture.

High Stability Metal Film Resistors

Construction:

Nickel Chromium alloy deposited by sputtering process on high alumina-ceramic rods.

The film is fully stabilized to ensure long life and reliability. Fine helixing is done to get accurate values. Axial leads made of high conductivity Electro Tinned Copper wire are welded to the pressed end caps to ensure rigid construction. Multiple layers if light blue colour epoxy is coated to ensure high insulation, voltage proof and protection against severe tropical environmental conditions.

Features:

Very high stability and reliability

Low TCR

Low noise level

It was a very useful Industrial visit. It was a very wonderful and informative visit for all of us.