

international standards.

Cable Machinery & Equipments

The MV cable manufacturing facility at Caledonian is the most modern facility available today with the state of the art machinery & equipments. The entire MV cables manufacturing plant at Caledonian is fully air-conditioned with humidity control to ensure contamination free atmosphere. The heart of MV cable manufacturing facility is the CCV line. This line supplied by Troester, Germany and which incorporates some of the most modern features like,

- Triple extrusion head to ensure superior quality of extrusion and uniform bonding of conductor screen, XLPE insulation and the insulation screen.
- CDCC – Completely dry curing & cooling in an inert atmosphere of nitrogen.
- In line X-ray machine for checking proper concentricity as well as measuring thickness of extruded materials.
- Fully computerized auto-cure control system, which controls all driving parameters to achieve best curing of extruded materials.
- Fully automatic compound handling system in a positive pressure atmosphere ensuring a contamination free line, which is absolutely essential to achieve superior quality product.

Some of the other machines include:

- Drawing machine from Niehoff, Germany
- Cable stranding machine from Mali, Austria
- Screening machine from Ceeco, Canada
- Five drum cabling machine from Mali, Austria
- Armouring machine from Ceeco, Canada
- Extruder from Troester, Germany, etc.

With the manufacturing facilities incorporating the use of latest available technology, the MV cables offered by Caledonian provides customers with a definite advantage in terms of:

- Complete adherence to specifications,
- Superior overall performance,
- Minimum risk of insulation failures,
- Longer service life,
- Triple head extrusion.

