

## AUTO CONTROL CABLES



### Production capacity/annum

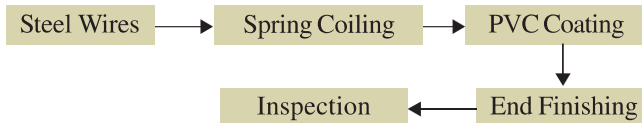
120 Thousand Cables with case and  
 360 Thousand Cables without case

### Production process:

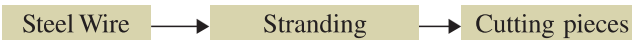
There are two parts of control cables One is outer casing which is a long spring coated with layer of plastic material and inner core made of fine stranded steel wires twisted as a single rope. The outer casing is made on the spring coiling machine using appropriate size. The coiled casing is coated with PVC.

### Process flow chart

#### For Outer Casings



#### For Outer Casings



### Machinery & equipment required

- Wire Twisting Machine 1
- Spring Winding/Case coiling 1
- PVC Extruder 1
- Abrasive Cut Off Machine 1
- Double ended Bench Grinder 1
- Spring Controlled arbor press 1
- Coal Fired Hearth 1 Set
- Drawing & other Fixture
- Measuring Instrument

### Raw material/consumables required per shift basis

- Spring Steel Wire 1250 Kgs
- Medium carbon steel Wire 1000 Kgs
- Zinc Alloy 40 Kgs
- PVC Granules 450 Kgs

### Utilities required

- Power required (load) : 10 KW  
Water required : Normal Supply

### Manpower required

- Office Staff : 1 No.  
Supervisor : 1 No.  
Skilled : 2 Nos.  
Unskilled : 3 Nos.

### Area required

- Total Area : 200 Sq. Mtr.  
Covered Area : 200 Sq. Mtr.

### Investment required

- Machinery & Equipment : }  
Working Capital for 3 Months : } ₹ 44.9 Lakhs  
(Raw material, utilities & salary)