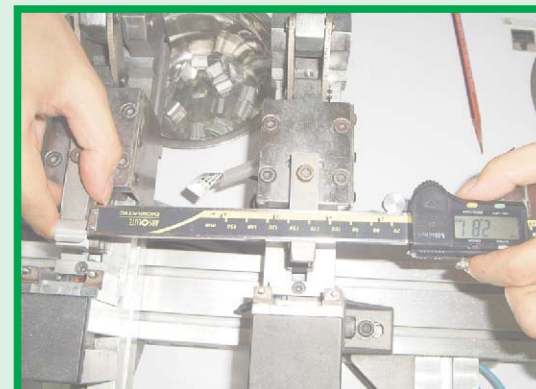
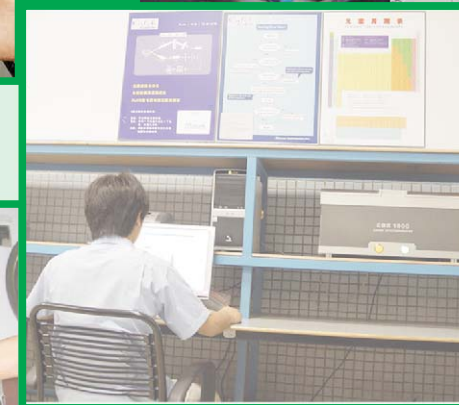


Caleb Cable

*the link to possibilities
for the next generation*



Quality Control

Caleb Cable Industrial Ltd.

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Company Profile

Caleb Cable Industrial Ltd. in Hong Kong & South-China, is a brand dedicated to providing European quality cables with competitive prices to a wide spectrum of different applications which include telecommunication, Digital TV, Automotive, Data transmission, Industrial purposes and Health care, etc.

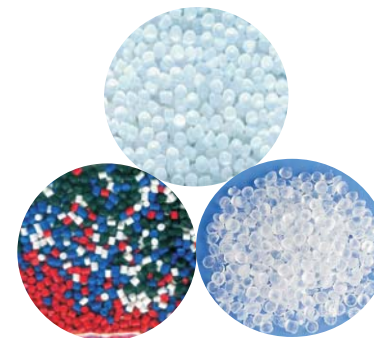
With an experienced and passionate workforce & team of engineers, Caleb Cable focuses on technical innovation and developments that bring about inspiration to global end-users. Knowing that every customer is unique, Caleb Cable is always with our customers for tailored products & solutions.

All Caleb's products are ISO9001 certificated, and automotive products are ISO/TS16949 certificated, a reflection of the quality that goes into every details of what we do.



Material Quality Control

In order to ensure and further improve the quality of our raw materials, we begin to make by ourselves some of the materials that are once sourced outside, which includes copper clad aluminum (CCA), low smoke and zero halogen (LSZH) compounds and aluminum-polyester foil. This not only gives us the benefit of cutting the cost, but most importantly, it can ensure the steady quality of our raw materials, thus the assurance of our final products' quality.



Compounds



CCA

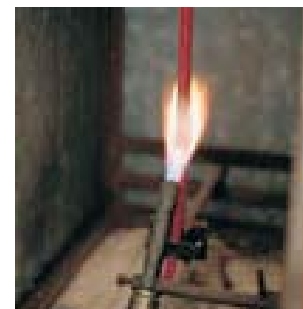


Al-Pet

For CCA, we adopt the environmental-friendly method of physical cladding.



And for LSZH compound, we do every necessary test to ensure the quality, which include Acid Gas Test to IEC 60754-2, Smoke Density Test to IEC 61034, Flame Propagation Test to IEC60332-1 or IEC60332-3.



Fire Test On Single Wire



Fire Test On Bunched Cable



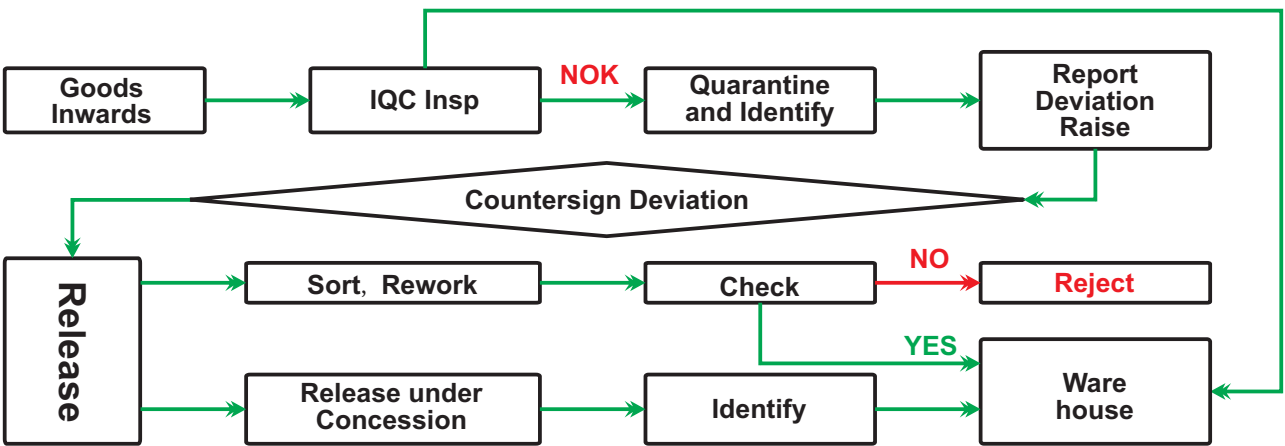
Halogen Gas Emission Test



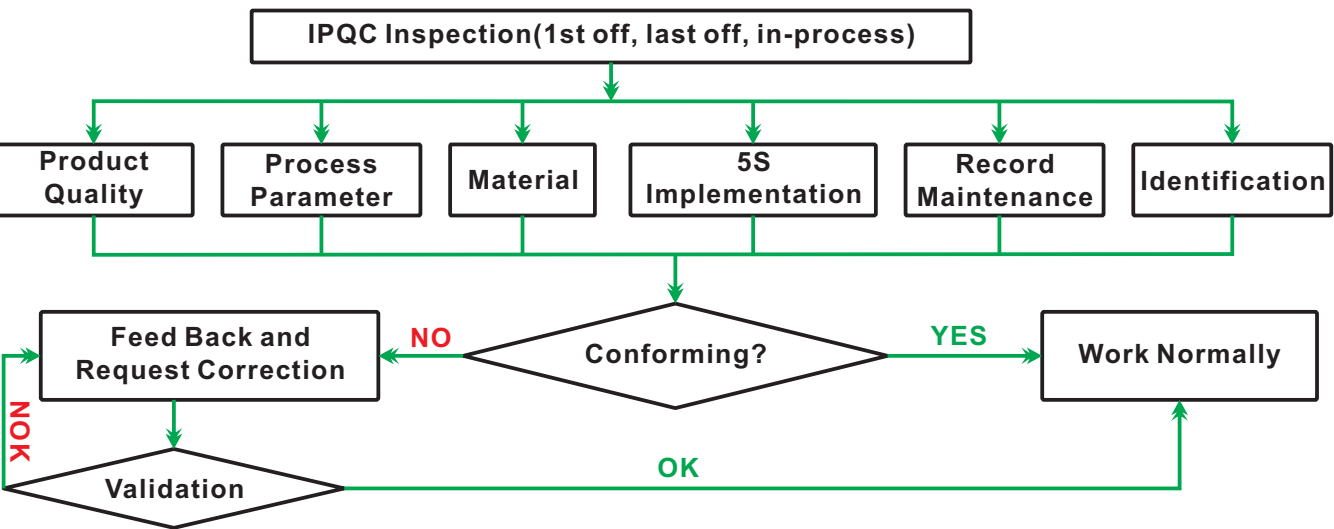
Smoke Density Test Chamber

Quality Control Flow Chart

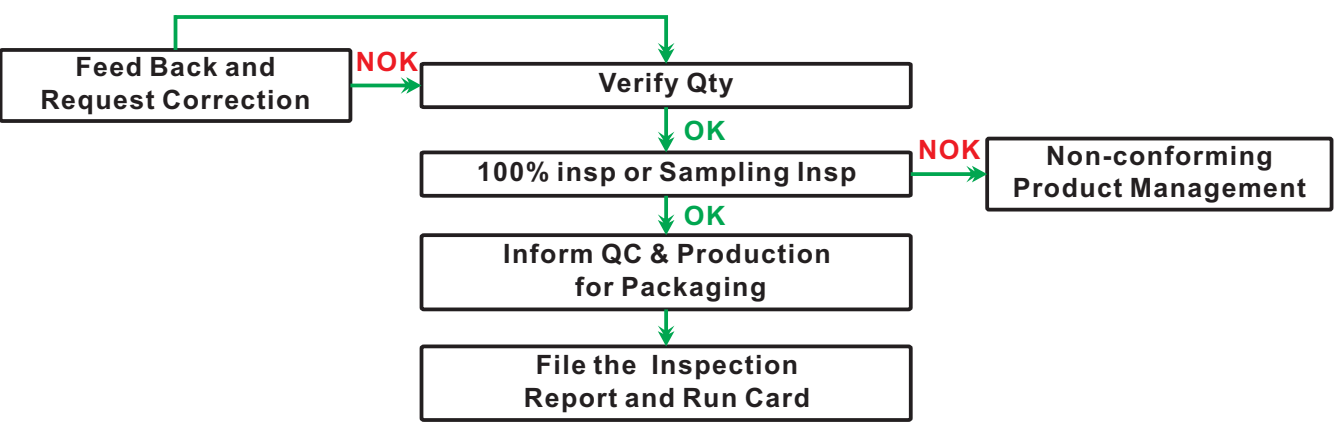
IQC Inspection Flow Chart



IPQC Inspection Flow Chart



FQC Inspection Flow Chart



Test Equipments

During the quality control, there are many tests needs to be conducted. With the aid of several build-to-standard labs focusing on electrical performance, mechanical, and chemical testing, we can assure our products' quality in the whole process.

Electrical

Agilent 8753 Analyzer (6 GHz): for coaxial cables mainly
 Bedea Coupling Tube: for screening efficiency & transfer impedance of coaxial cable
 LAN Cable Testing (1 GHz)
 All Basic Electrical Equipments such as Capacitance, Resistance, High/Low Voltage, etc.



Mechanical

Environment Testing Chamber
 Aging & Humidity Testing
 Low Temperature Testing
 Fire resistant testing chamber circuit integrity to BS 5389-1:2002 BS 8434-1:2003 BS 6387
 Flame resistant chamber to IEC60331 IEC60332
 Ladder Testing to IEC 60332-3-10
 UV Test
 Elongation & Tensile Strength



Chemical

Smoke emission chamber to IEC 61034, BS EN 50268
 Spectrum Meter (RoHS)
 Gas Acidity Testing to BS EN 50267-2-2:1999



Standards

As our products go into different countries and applications, we respect the relevant product & market standards, approved by well established and recognised certification bodies including Delta, BRE, LPCB, VDE, UL, SGS, etc.

Quality, Environment, CSR & Team Sprit



Quality is never compromised in Caleb Cable, as this is the basic of customer satisfaction. We implement **ISO 9001:2000** & **ISO/TS16949** (for automotive industry) as a spine of the quality system, and run Continuous Improvements.

We also developed strict materials specification and control on all raw materials, parts, components & products, so the products can meet **RoHS**, **WEEE**, and China **RoHS**. A **QC 080000** approval is also granted to Caleb Cable.

Corporate Social Responsibility (**CSR**) is also getting more and more attention in Caleb Cable. Such attention does not end with an **ISO 14001** certificate, but extends all aspects of the company, to put it short, be responsible as a company!

We put a lot of emphasis on the spirit of teamwork. Experienced engineers, well-educated youth, marketing professional, operators, all work together closely to achieve the company vision.

Certificate

