**PROCESS FLOW CHART For ACSR Conductor**

**QC-1**: Tensile Strength, Electrical Conductivity, Chemical Composition, Surface, Visual Inspection OR Test Certificate Review of Supplier

**PC-1**: 1) Lubricant Flow 2) Linear Speed of Wire Drawing Machine 3) Die Condition and Dimensions

**QC-2**: Diameter, Tensile Strength, Resistance, Wrapping

**PC-2**: 1) Condition of Guide Bush/pulley 2) Linear Speed of Conductor Strand 3) Tension at the time of stranding 4) Winding of conductor on drum 5) Overall Diameter, Lay Ratio, Lay Direction, Surface

**QC-3**: Acceptance Test on Conductor as per relevant Product Specification/Standard/Quality plan

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**Indicates inspected & ACCEPTED**

**Indicates inspected & NOT ACCEPTED**

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**Aluminium Wire Rod (EC Grade)**

QC Inspection-1 (QC-1)

Wire Drawing To Final Wire Size

QC Inspection-2 (QC-2)

Wire Stranding

QC Inspection-3 (QC-3)

Packing & Marking on drum

Customer Inspection or Waiver

Dispatch