

OUR STRENGTH

- * PROJECT EXECUTION
- * PROCESS SUPERVISION
- * PRODUCT DESIGN
- * TRAINING RECEIVED FROM USA, AUSTRIA & INDIA
- * EXECUTED MANY CABLE PROJECTS IN INDIA, UAE & NIGERIA
- * PROVIDING CONSULTANCY/TECHNICAL SERVICES TO CABLE COMPANIES IN WEST AFRICA / S.E.ASIA/ INDIA
- * OVERSEAS CONNECTIONS FOR RAW MATERIALS , PLANT & MACHINERIES



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PROJECT EXECUTION

- * PROJECT FORMULATION
- * PLANT & MACHINERY SELECTION AND BUDGETING
- * UTILITY SELECTION AND BUDGETING
- * PLANT & MACHINERY LAYOUT, INSTALLATION AND COMMISSIONING
- * UTILITY LAYOUT, INSTALLATION AND COMMISSIONING
- * MAN POWER PLANNING, RECRUITMENT AND TRAINING
- * LOW COST PROJECT IMPLEMENTATION



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PROCESS SUPERVISION

- * **PROCESS IDENTIFICATION AND PARAMETER SELECTION FOR ALL TYPES OF CABLES & CONDUCTORS**
- * **PROCESS TRIAL, PARAMETER MONITORING AND STANDARDIZATION FOR ALL TYPES OF CABLES & CONDUCTORS BASED ON MACHINE PERFORMANCE AND ENVIRONMENT CONDITIONS**
- * **TRAINING OF PERSONNEL FOR DIFFERENT PROCESSES OF CABLE & CONDUCTOR MANUFACTURING**



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PRODUCT DESIGN

- * CAPABLE OF DESIGNING DIFFERENT TYPES OF CABLES & CONDUCTORS AS PER THE NATIONAL BUREAU OF STANDARDS.
- * CAPABLE OF DESIGNING DIFFERENT TYPES OF CABLES & CONDUCTORS AS PER THE INTERNATIONAL STANDARDS (BS, IEC, ASTM etc.,.)
- * CUSTOMER BASED DESIGN TO SUIT THEIR SPECIFI REQUIREMENTS.
- * TRAINING OF TECHNICAL PERSONNEL FOR PRODUCTION, PLANNING & CONTROL, PROCESS CONTROL & CABLE DESIGNING.



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UTILITY

- * ELECTRICAL EQUIPMENT SELECTION SUCH AS TRANSFORMER, GENERATOR, DISTRIBUTION PANEL AND THEIR LAYOUT.
- * MECHANICAL EQUIPMENT SELECTION SUCH AS AIR COMPRESSOR, WATER PUMPS, COOLING TOWER, CHILLERS AND THEIR LAYOUT.
- * MATERIAL HANDLING EQUIPMENT SUCH AS FORK LIFT, EOT CRANES, PALLET TRUCKS, DELIVERY TRUCKS ETC.,.



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CABLES PROJECT

CLASSIFIED INTO 4 MAJOR CATEGORIES:

- * ELASTOMERIC (RUBBER) CABLES**
- * POWER & CONTROL CABLES**
- * TELECOMMUNICATION CABLES AND**
- * SPECIALITY CABLES**



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POWER CABLES AND WIRES

THIS CATEGORY WILL COVER THE MANUFACTURING OF BELOW LISTED COPPER AND ALUMINIUM CABLES.

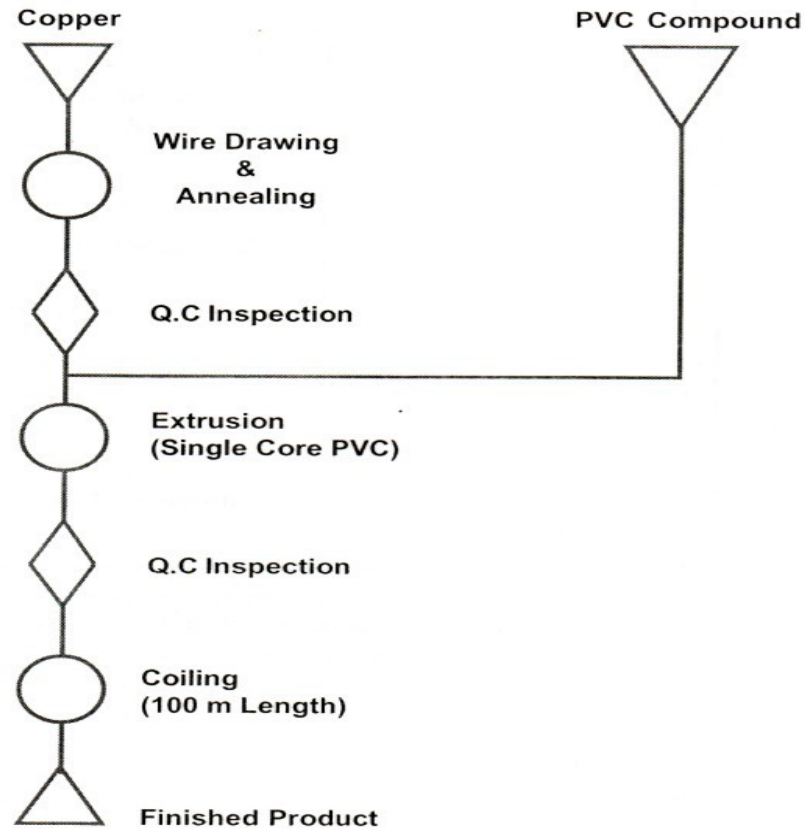
- * CONDUIT/SURFACE WIRING CABLES**
- * MULTI CORE FLAT CABLES(with/without ECC)**
- * SINGLE/MULTI CORE POWER CABLES (Unarmour/Armour)**
- * ALL ALUMINIUM CONDUCTORS (AAC)**
- * ALL COPPER CONDUCTORS (ACC)**
- * ALUMINIUM CONDUCTORS STEEL REINFORCED (ACSR)**
- * ALUMINIUM SERVICE CABLE**



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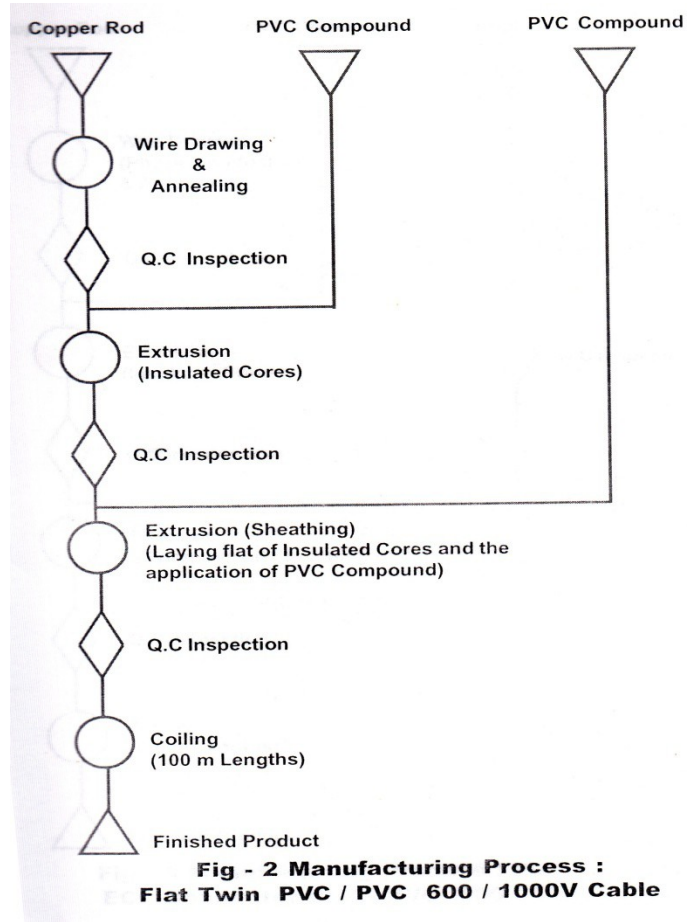
PROCESS FLOW CHART-1



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ProCESS FLOW CHART-2



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ProCESS FLOW CHART- 3

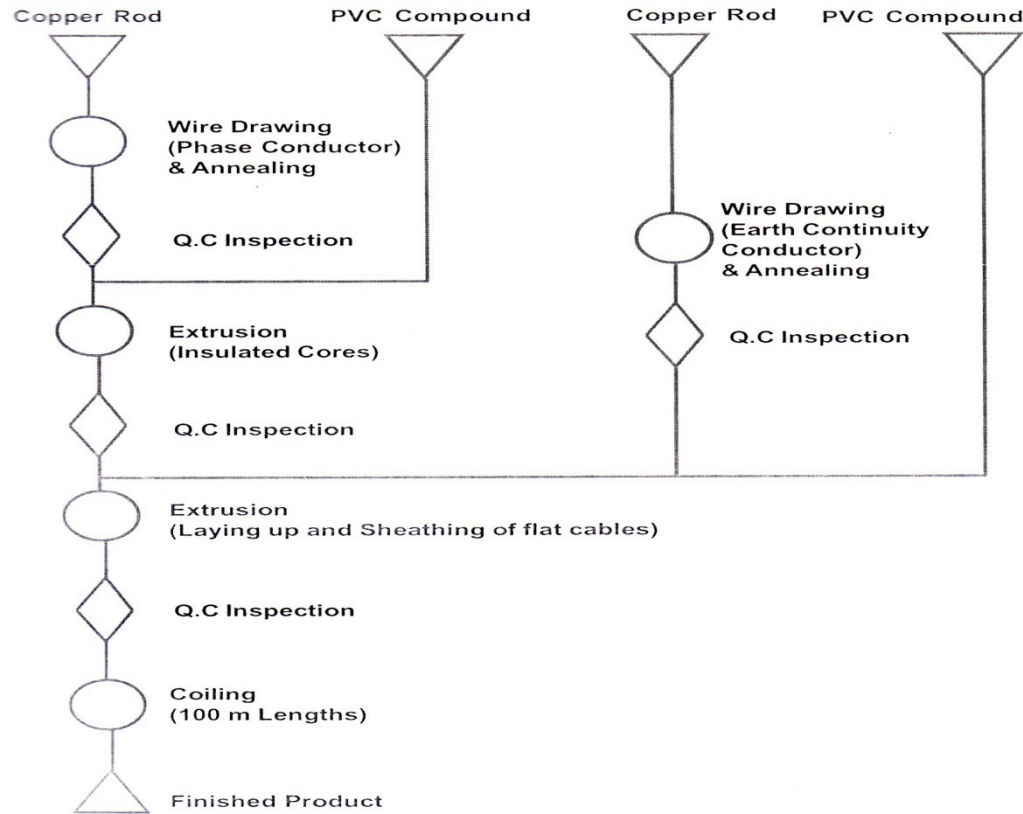


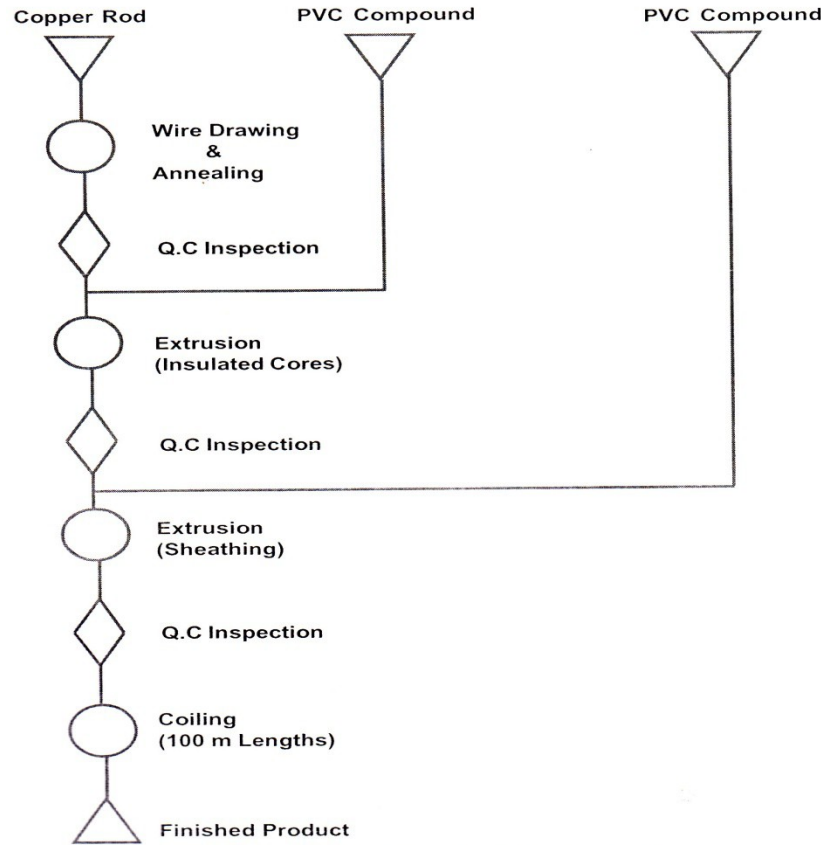
Fig - 3 Manufacturing Process : Flat Twin with ECC Conductor PVC / PVC 600 / 1000V Cable



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ProCESS FLOW CHART- 4



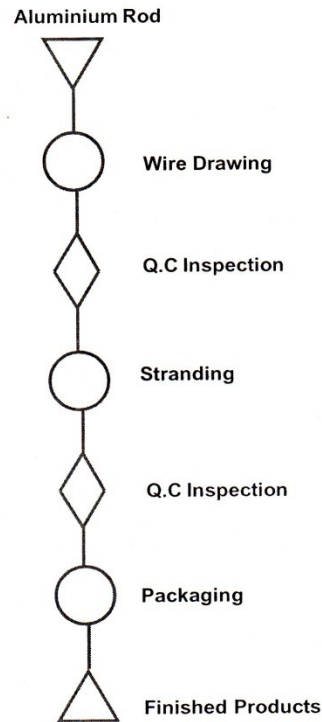
**Fig - 4 Manufacturing Process :
Flat Three Core PVC / PVC 600 / 1000V Cable**



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PProCESS FLOW CHART- 5



**Fig - 5 Manufacturing Process :
All Aluminium Conductors (AAC)**



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ProCESS FLOW CHART- 6

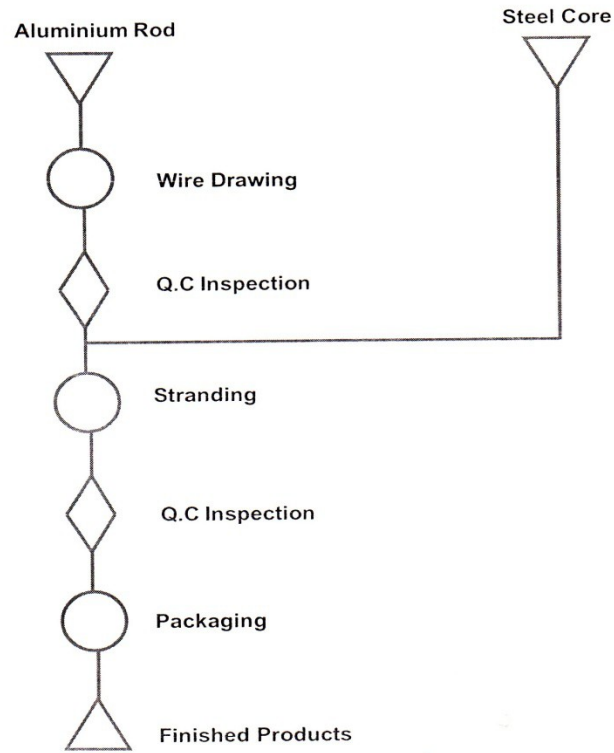


Fig - 6 Manufacturing Process :
Aluminium Conductors Steel Reinforced (ACSR)



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RAW MATERIALS

TWO BROAD CLASSIFICATIONS AS :

(I) MAJOR RAW MATERIALS

(II) MINOR RAW MATERIALS



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(I) MAJOR RAW MATERIALS

- (A) COPPER ROD (8.0MM) - IMPORTED**
- (B) ALUMINIUM ROD (9.5MM) - IMPORTED**
- (C) PVC COMPOUND**
 - **INSULATION GRADE – IMPORTED / LOCAL**
 - **SHEATING GRADE – IMPORTED / LOCAL**

(II) MINOR RAW MATERIALS

- (A) COLOUR CONCENTRATE - LOCAL**
- (B) WOODEN DRUMS - LOCAL**
- (C) PACKING MATERIAL (PRINTED P.E. FILM) - LOCAL**



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