

Entrepreneur India

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COPPER WIRE DRAWING (From Higher Size to Very Thin Size Used in Electrical Cables)

Capacity:	500 Kg. / Day
Plant and machinery cost:	68.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	43.00 %
Break Even Point (BEP):	46.00 %
TCI:	167.00 Lakh
Cost of Project:	167.00 Lakh

Copper wire is an essential material for electrical cables, motor and transformer winding. It is available in different gauges. The gauge of the copper wire depends upon the winding required for the specific motor or transformer. On the basis of high conductivity, strength and ductility, copper wires are adopted as the best known economical material for such purposes. Copper is used mainly in the electrical industry for manufacturing parts of electrical apparatus, bus bars, wires etc. Another reason for its wide use is that the copper has resistance to atmospheric corrosion because of the formation of uniform layer of oxide on the surface of the metal. Besides these factors, copper has good mechanical properties viz. good of copper conductor wire is so high in India that despite a fair increase in installed capacity and actual productions of the units, import is continuing. Thus, some more new units need to enter the field.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

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