



SHIPBUILDING CABLES





Transmission
& Distribution



Renewable
Energy



Power
Generation



Exploration



Mobility



Defence



Manufacturing



Infrastructure



Harnessing

ABOUT US

- Nicco Cables is a 80 year old brand based in India
- Nicco specializes in manufacturing wide range of Wires and Cables
- Nicco has an in-house R&D facility
- Nicco specializes in Compound manufacturing and has a dedicated team for Compounds
- Nicco is the first Company in India to install a 3 MeV Electron Beam Plant form USA for manufacturing irradiated cables
- The manufacturing plant covers an area of 450,000 sq.ft.
- National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited Testing laboratory at plant

NICCO PRODUCES A WIDE RANGE OF CABLES

- LT Power & Control Cables
- HT Power & Control Cables (Upto 33 kv)
- Solar and Windmill cables
- Elastomeric & Silicon Cables (Upto 15 kv) for various application
- Flexible Trailing Cables - H07-RNF
- Ethernet Polyurethane Cables
- Rolling Stock Cables
- Fire Survival Cables (Including Nuclear Reactor)
- TREE WIRE / SPACER Cables - 3 layer Track Resistant (upto 35kv)
- Overhead transmission Conductors (AAAC, ACSR, AAC, ACAR , AL-59)
- Automotive Cables
- Cable Harnessing

Shipbuilding Cables

General Cables:

Marine Shipboard & Offshore cables are low smoke, halogen-free, flame-retardant, and fire-resistant cables that are commonly used for lighting, control circuits, communication applications, shipboard wiring, offshore platforms for electric power distribution to electric panels, and other at-sea installations for oil drilling and production. The increased need for low weight and increased efficiency is driving up requirements for maritime cables in the shipbuilding industry.

Applications:

There are several uses for marine cable in the maritime environment. It is applicable to feeder vessels, gas tankers, reefers, cruise ships, drill ships, bulk carriers, tankers, and other types of ships.

Marine cables shall possess following properties:

- High insulation resistance
- High resistance to abrasion, impact & compression
- Resistant to minerals, grease & chemicals
- Oil and flame-resistant
- Resistance to humidity and water absorption
- Resistance to ozone & UV radiation
- Fire Survival property
- Low halogen, low smoke & low toxic Cables
- Flame Retardant (Category – A, B & C)
- Pressure Tight Cables up to 72 Bar
- EMI/EMC compatibility

*Other specific properties as per customer requirements

Different Types Of Shipbuilding/Marine Cable

- Power Cable
- Pressure Tight Cable (PT-10, PT-45, PT-60, PT-72)
- Degaussing Cable
- EMC & VFD Cable
- Silicon Cable (Extruded & T-Type)
- Instrumentation Cable
- Shore Supply Cable
- Ethernet/Data Cable (CAT-5e, CAT-6, CAT-6A, CAT-7)
- FMSGSGO, LFMGSSGO, FMSGSSGO
- Radio Frequency (RF) Cable
- Russian Cable
- TOW Cable
- PTFE, ETFE & FEP Cables

SHIPPING CABLES STANDARDS

- IEC 60092-350
- IEC 60092-353
- IEC 60092-376
- BS 6883 & BS 7917
- VG 95218 (SERIES)
- IEC 60092 (SERIES)
- GOST- 7866, 11326
- NES / DEF STAN – 526 & 527
- EED-50-12 (EPR INSULATED, EVA SHEATHED)
- EED-50-13 (SILICON INSULATED EVA SHEATHED)
- EED-57-03 (PRESSURE TIGHT, PT-03, PT-10)
- EED-57-04 (PRESSURE TIGHT, PT-04, PT-45)
- DMDE STANDARD

EXISTING CERTIFICATIONS

ISO 9001 / 14001 / 45001

Directorate of Quality Assurance (Navy) [DQAN] Registration Certificate

Defense Research and Development Laboratory (DRDL) Registration Certificate

Integrated Headquarters of Ministry of Defence (IHQ/DEE/MOD)

Research Designs and Standards Organization (RDSO)

American Bureau of Shipping (ABS)

Indian Register of Shipping (IRS)

Underwriters Laboratories (UL)

Central Power Research Institute (CPRI)

Bureau of Indian Standards (BIS)

International Railway Industry Standard (IRIS)

National Accreditation Board for Testing and Calibration Laboratories (NABL)

Det Norske Veritas (DNV)

CERTIFICATES UNDER PROGRESS

Bureau Veritas (BV)

Lloyd's Register Group Limited (LR)





Nicco Cables Pvt. Ltd.

HEAD OFFICE

Suket Building, 2nd Floor, 20 Ballygunge Circular Road, Kolkata - 700019
PH - 7419888220, Email - info@niccocables.com

PLANT

71, East Ghosh para Road, Authpur, Shyamnagar, North 24 Parganas
West Bengal - 743128

REGIONAL OFFICES

Noida, Chennai, Bhubaneswar, Hyderabad, Mumbai

 +91 9320868269  bhavesh.joshi@niccocables.com  www.niccocables.com

