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"In the long term, economic sustainability depends on ecological sustainability"



We remain committed to the environment in all our facilities

FROM THE ED's DESK

Dear Friends,

If you thought that the Financial Year 2012-13 was challenging, the current financial year 2013-14 has already proved that we are likely to witness a very turbulent year: with stock markets crashing by nearly 10%; the Rupee tumbling to a record low of Rs 60; and the monsoons creating havoc in various parts of the country – no wonder they say that "In India, when it rains, it pours"!

We received the IGBC Platinum Certificate for our new HT/EHV Cables plant at Vadodra, signifying the highest level of environmental concern. Coupled with our concern for education and employability of our High Performance Teams, this truly makes us a world class facility in terms of our concern for society. We inaugurated the plant and the facilities recently so we are all set to welcome you there. Do write in a line and let us know of your travel plans in the area.

We also completed the expansion of our Instrumentation Cables facility at Mysore with state of the art equipment. Our team will be calling on you to introduce a range of products in this space for your requirements. We are confident that you will feel the difference.

We have been conducting presentations and educational programs for our customers, both at our facilities as well as your premises, so that the decision makers in your business are equipped with all the nuances of cable-making and installation. Should you feel the need for such a program to be conducted, or for your employees to participate, do let us know, and we would be happy to advise you of the upcoming program at a place near you.

The timely monsoons are a ray of hope for all of us, and I hope you enjoy the rains too.

Sincerely,
Nikhil Gupta



RPG CABLES, MYSORE

INSTRUMENTATION CABLES

INSTRUMENTATION CABLES

Instrumentation Cables are multiple conductor cables that convey low energy electrical signals used for monitoring or controlling electrical power systems and their associated processes.

These cables are used in diverse applications within industrial process manufacturing plant for control, communication, data (analog/digital) and voice transmission signals, industrial signaling and process control circuits. They are required typically in process industries, the oil, gas & petrochemical industry and others such as fertilizer, cement and steel industries.

For Instrumentation Cables screening plays a vital role; the Al-Mylar screen of the Instrumentation Cables designed and manufactured by RPG Cables, captures the external noise pickups. Also, the ATC drain wire earths the noise pickups which would otherwise cause interference in the low level signals passed between the measuring end and display units.

The carefully produced stranded copper conductors used in the cable maintain high system accuracy and sensitivity. Maximum rejection of electro magnetic noise is achieved by twisting the insulated conductors, causing the noise to be cancelled in adjacent sections of the wire.

Instrumentation cables are generally designed & manufactured based on BS EN 50288 (formerly BS 5308), EIL 6-52-46 and generally as per IS 1554-1, IS 7098-1, IEC 60502-1.

THERMOCOUPLE EXTENSION & COMPENSATING CABLES

The construction of Thermocouple Extension & Compensating Cables is identical to Instrumentation cables. These cables are used to pass the EMF signal from the thermocouple end to the control panel. The thermo-electric properties of the conductors used for these cables are the same as that of the thermocouple used for sensing the temperature.

Thermocouple extension & compensating cables are generally designed & manufactured based on BS EN 50288 (formerly BS 5308), EIL 6-52-45, ANSI MC 96.1, IEC 60584, IS 8784 and generally as per IS 1554-1, IS 7098-1, IEC 60502-1.

SPECIAL APPLICATION CABLE - FIRE SURVIVAL CABLES

Fire Survival Cables are manufactured with Glass Backed Mica tape applied over the conductor and are used where the applications require circuit integrity during a fire (mainly in Fire Alarm systems) sprinkler systems in schools, hospitals, shopping malls, cinemas etc. The circuit integrity is maintained for 3 hours at 75°C





INSTRUMENTATION CABLES MACHINE



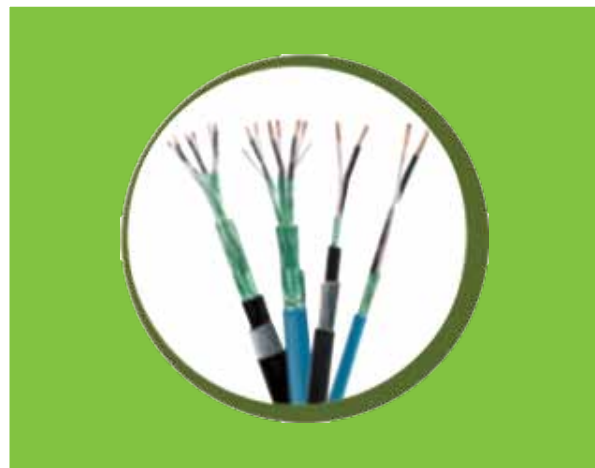
INSTRUMENTATION CABLESContd.

IMPORTANT FEATURES

- Maximum electrostatic noise rejection is achieved by twisting and screening the cable with aluminium-mylar tape. An overall screen is normally provided and in critical applications an individual shield over each pair or triad is also provided. A minimum of 25% overlap of the shield ensures 100% coverage even when the cable is flexed. The drain wire under the shield provides a continuous low resistance path to ground and a simplified hook-up at grounding terminals.
- Overall Shielded Applications:
Overall shielded cable constructions are recommended for use in instrumentation, computers, and control applications where signals are transmitted in excess of 100 milli volts with the exception of areas where high voltage and/ or current sources create excessive noise interference. Our aluminum polyester foil with drain wires provides 100% coverage for maximum shield effectiveness.
- Individual Shielding & Individual and Overall Shield Applications:
Individually shielded pairs, triads, quads, etc. are recommended for use in applications where optimum noise rejection is necessary. Individual pair or triad shields are fully isolated from each other and contain a separate drain wire for grounding to provide maximum protection from crosstalk and common mode interference. Cables with an overall shield provide additional electrostatic noise protection.



INSTRUMENTATION CABLES





REACHING OUT...

TECHNICAL SEMINARS:

We recently participated in Safety Day program through Tamil Nadu Electrical Contractors and Installation Association at Madurai where more than 150 contractors attended from various places like Madurai, Trichy, Salem, Coimbatore, Thirunelveli, Kanyakumari etc.

We also participated in a technical seminar at Ahmednagar, which was attended by around 90 people from various segments like contractors, MES officials and dealers. These programs highlighted the need for not only quality the in manufacturing and installation of cables, but also their longevity in creating a safe and robust infrastructure for the country.

Our 'Infinity' knowledge sharing program continued its run with participants not only gaining an opportunity to see our facility at Vadodara, but also learning about the cable design, manufacturing process and installation.

CUSTOMER CONNECT

We are constantly updating our catalogues, brochures, etc. with current information and data. Towards the end of this quarter we have recently published the new "Instrumentation Cables" Catalogue. And over the next quarter, we expect to complete revamping the others. Should you require any of these brochures, please do not hesitate to write to us.

At the same time, we recently shot an Audio Visual film in our facility at Vadodara. This High Definition film is designed to bring our facility closer to our customers who are unable to visit us. Our team would be happy to share this film with you at your convenience. We will soon be sharing the link of this film on our website/You Tube as well.





GREEN BUILDING PLATINUM CERTIFICATION

The RPG Cables factory in Vadodra, Gujarat has been awarded 'Platinum' rating (highest recognition) by Indian Green Building Council (IGBC). The IGBC Green Factory Building Rating System recognizes significant efforts in green concepts and techniques in the industrial sector. These concepts help to address national priorities like handling material waste, water efficiency, reduction in use of fossil fuels, energy efficiency and conserving natural resources. The objective is to "reduce, recycle and reuse" natural resources such as water, electricity and materials.

Right from the project design phase, several eco-friendly concepts were implemented across parameters like Site Selection and Planning, Water Conservation, Energy Conservation and Material Conservation, Indoor Environmental Quality and Occupational Health and Innovation in Design.

This is a very prestigious award which puts our factory in a different league altogether. This dream was realized due to the relentless efforts put in by the RPG Cables team.

With best-in-class machinery and systems in place, the plant was formally inaugurated by Mr. Ramesh Chandak, MD & CEO, KEC International on 23rd April 2013.

The facility is spread over 54 acres, includes two CCV Lines capable of manufacturing cables upto 400Kv, an Administrative Block with a training facility for upto 100 persons at same time, and a staff welfare centre.

This world-class manufacturing facility will help RPG Cables consolidate its position as a significant player in the high tension and extra high voltage (HT/EHV) cable segment and achieve its stated mission of being among the top three players in the cables market.





FROM THE NEWS DESK

We welcome the following Sales & Marketing personnel to the RPG Cables family:

- Mr. P.A Sivanandam, Chief Manager- Sales Support at our Head Office in Mumbai
- Mr. J.N Prasanna, Senior Manager- Sales & Marketing , at Bengaluru
- Mr. Srihari Katula, Senior Manager- Sales & Marketing, at Hyderabad

Mr. Uday Kumar Ghose, Senior Manager- Sales & Marketing has moved to Kolkata and is looking after the Eastern Region.

We have opened a Representative office recently in Dehradun, where Mr. Rishi Khanna will be responsible for the state of Uttarakhand.

CABLE INDUSTRY OUTLOOK

In an International Cables Meet in Berlin, Germany, it was interesting to find that the cable industry faces turbulent times with significant gaps between demand and supply, not only in India, but in China, USA, Middle East and Europe.

The good news is that, without exception, everyone believes that the future outlook remains bright!

For additional information/details/queries and to subscribe to C2C please write to:

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