

Vector

2018 Features

GENERAL INFORMATION

What is Vector?

Vector – journal of the Institution of Certificated Mechanical and Electrical Engineers (ICMEESA), and the Illumination Engineering Society of South Africa (IESSA) – is a technical journal published by **EE Publishers**, in print and on-line, eleven times a year, serving ICMEESA and IESSA members, as well as the wider target audience in southern Africa, in their fields of interest. **Vector** also provides a voice for the SA Flameproof Association (SAFA), the South African Electrotechnical Export Council (SAEEC), the SA Association of Energy Efficiency (SAEE), the Copper Development Association Africa, and Electrobase.

Target audience

The target audience of **Vector** includes:

- Construction companies and contractors
- Electrical and mechanical certificated engineers, technologists, technicians and artisans
- Lighting practitioners
- Mine, factory, production, automation and maintenance managers and personnel
- Suppliers of products, systems and services to these important sectors
- Electrical and mechanical consulting engineers and architects

Fields of interest

The main fields of interest covered in **Vector** are:

- Lighting design & application
- Switchgear & drives
- Mechanical technology
- Construction, installations & contracting

Vector Online

Vector is available online at www.vector.co.za. Readers are also invited to subscribe to the monthly email newsletter by visiting our website.

Mission statement

Vector keeps its target audience abreast of technologies, developments, applications and news in their fields of interest, by the publication of original, relevant, high-quality articles by expert authors, and provides a forum of communication for its target audience in southern Africa. **Vector's** mission is to be the leading journal in its chosen sector.

Statement of editorial policy

Vector publishes market-focused, relevant and topical technical and semi-technical articles of a practical and hands-on nature, presented in a lively, attractive and easy-to-read format. **Vector** also reports news, events and details of relevance to its target audience, including industry, institute, company, project, product, technology, people and event news, views, comment and opinion. **Vector** aims to publish a sound mix of technical, semi-technical and industry news articles, as well as company and product news articles that are more commercial in nature.

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Circulation

The circulation of the print edition **Vector** is audited by the Audit Bureau of Circulation (ABC).

Vector is published eleven times per annum and has an audited average monthly circulation of 4670 for the period ending June 2017. As at October 2017, 6066 users have downloaded the **Vector** Android and Apple mobile App to receive the mobile electronic edition of **Vector** monthly.

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2018 Rates and Data

PRICE PER INSERTION

(Note: Print adverts are also published in the online and mobile editions at no extra cost)

1 – 2 insertions

Full page
1/2 page, vert/hor/A5
1/3 page, vert/hor
1/4 page

Full colour

R25 171 ex VAT
R17 619 ex VAT
R15 103 ex VAT
R12 585 ex VAT

6 – 10 insertions

Full Page
1/2 page, vert/hor/A5
1/3 page, vert/hor
1/4 page

Full colour

R21 398 ex VAT
R14 978 ex VAT
R12 839 ex VAT
R10 698 ex VAT

3 – 5 insertions

Full Page
1/2 page, vert/hor/A5
1/3 page, vert/hor
1/4 page

Full colour

R23 283 ex VAT
R16 298 ex VAT
R13 970 ex VAT
R11 642 ex VAT

11+ insertions

Full page
1/2 page, vert/hor/A5
1/3 page, vert/hor
1/4 page

Full colour

R20 138 ex VAT
R14 098 ex VAT
R12 083 ex VAT
R10 069 ex VAT

NB: For overseas bookings, prices available on quotation and (14%) VAT is chargeable for all bookings from outside SA..

Specifications for supplied artwork

- Advertising material can be supplied in JPG, TIF or PDF format, high resolution (300 dpi), with fonts embedded, and in CMYK.
- If an A4 advert is designed to bleed off the page, a 5 mm bleed must be added all round. Keep important information (text, logo's, etc.) in type area.
- For files **bigger than 8 MB**, please contact us.

Advertising sizes (For bleed off the page design, request trim and bleed size)

A4 size:	260 mm high x 180 mm wide
1/2 A4 vert size:	260 mm high x 90 mm wide
1/2 A4 hor size:	130 mm high x 180 mm wide
1/2 A4 Island size:	180 mm high x 120 mm wide
1/3 page vert size:	260 mm high x 60 mm wide
1/3 page hor size:	80 mm high x 180 mm wide
1/3 page Island size:	140 mm high x 110 mm wide
1/4 page strip size:	260 mm high x 40 mm wide
1/4 page Island size:	120 mm high x 90 mm wide
1/4 page landscape strip size:	60 mm high x 180 mm wide

Prices for loose inserts (Only local labels)

1 – 2 sides 80 – 128 gsm A4 paper:	R15 370 ex VAT
3 – 4 sides 80 – 128 gsm A4 paper:	R20 750 ex VAT
Other paperweights and sizes:	On request

Special position advertising rates

Front covers: Prices on request

Other special positions IFC, OBC, IBC: Standard rate plus 10% premium.

Bellybands: Note that magazines may have bellybands surrounding the front and back covers. Prices on request.

Note: Special positions are irrevocable bookings.

Bookings and deadlines

Space booking deadline: 15th of the month prior to publication.

Material deadline: 20th of the month prior to publication.

Note: No booking, order or copy instruction received by **EE Publishers** for the placing of advertising material in the journals may be transferred to or from any other third party, without the prior written consent of **EE Publishers**.

Agency commission

Advertising agency commission is at the discretion of **EE Publishers**.

Cancellations

No cancellations will be accepted after the space-booking deadline, or without the prior written consent and confirmation from **EE Publishers**.

Terms and conditions of sale

All bookings subject to **EE Publishers** terms of sales at www.ee.co.za/about/terms-of-sale

For online advertising contact 011 543-7000

VECTOR

2018 Rates and Data

In every issue of VECTOR there are four main sections namely:

- Lighting design & application
- Mechanical technology
- Switchgear & drives
- Installations & contracting

January

Lighting: Lighting design, manufacture, installation, testing and verification; industrial, commercial and domestic luminaires, light fittings and accessories.

Switchgear & drives: Fixed speed direct-on-line, star-delta, liquid rotor resistance, metal grid rotor resistance, reactor and Korndorffer motor starters and controlgear; electronic reduced-voltage soft-starters.

Mechanical technology: Power transmission; mechanical soft starters; fluid couplings and eddy current couplings; solid and flexible couplings; belt and chain drives; gearboxes and combination motor/gearbox drives.

Installations & contracting: Energy efficiency technologies, equipment, regulations and standards; LV electrical installation regulations, standards, product authorisation and certificates of compliance.

February

Lighting: Innovative lighting and lighting design; developments, techniques and practices in lighting energy efficiency; LED lighting; fiber optic lighting; solar powered lighting and daylight harvesting.

Switchgear & drives: Single and multi-motor fixed and variable speed drives, motors, power transmission and mechanically driven equipment in the iron, steel and metals industries.

Mechanical technology: Metal heating, melting and smelting; arc furnaces; mains,

medium and high frequency induction furnaces; casting, forging, milling and drawing; valves and regulators; gas metal arc welding; arc welding; oxy acetylene welding; PPE for welding, and welding machines.

Installations & contracting: On-site and factory maintenance and repair services for LV motors, transformers, switchgear, drives and mechanically driven equipment; lightning, surge protection and earthing.

March

Lighting: Design and application of luminaires for area floodlighting; security lighting for stadiums, mines, factories and plants; high-bay and bulkhead luminaires for mines, plants and factories; downlights, HID lamps and other specialised luminaires.

Switchgear & drives: LV distribution switchgear, panels, enclosures and components including isolators, fused isolators and fusegear; ACBs, MCCBs and MCBs; earth leakage units, pushbuttons, lamps, relays and timers.

Mechanical technology: Heating, cooling, ventilation and air conditioning; dust extraction, collection and pollution control; manufacturing and production engineering; filters; air filtration; gas detection; ERP, CAD, CAM and automation.

Installations & contracting: Electrical and mechanical construction; cabling, ducts, racks, glands and cable installation accessories; busbar trunking and ducting; construction tools, equipment and safety issues..

April

Lighting: Energy efficient lighting design and controls; motion and occupancy sensors; dimming systems for LEDs; lighting installations, tools and accessories; testing and measurements in lighting and lighting for aviation and trains.

Switchgear & drives: Fixed and variable speed drives, motors, power transmission and mechanically driven equipment in surface and underground mining industries; infra-red thermal imaging and measurement.

Mechanical technology: Mine winders, hoists, elevators, winches and cranes; mechanical shovels, draglines, stacker reclaimers; materials handling and logistics; mine voice and data communication.

Installations & contracting: Domestic and commercial electrical installation hardware; LV plugs, sockets, switches, conduit, wire and all other installation hardware and tools; lightning and surge protection; earthing.

May

Lighting: Electronic ballasts and lighting controlgear; lighting automation; control communication technologies including DALI and wireless for factories, buildings, commercial, domestic and automotive applications.

Switchgear & drives: Fixed and variable speed drives, motors, power transmission and mechanically driven equipment in the water, waste water and sewage industries.

Mechanical technology: Pipelines; axial flow, booster, slurry, submersible and diaphragm pumps; valves and regulators; mass, flow and pressure transmitters; flow meters; seals, bearings, sleeves and bushes; condition monitoring; maintenance; lubrication and industrial coatings.

Installations & contracting: Maintenance, testing and safety issues; intrinsically safe and flameproof instrumentation and personal protective equipment (PPE); prepaid meters.

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2018 Features

June

Lighting: Flameproof luminaires; lighting design and application for hazardous areas including fiery mines, petrochemical industries, refineries and plants; illuminated signage.

Switchgear & drives: LV motor starting switchgear and controlgear; MCCs, panels, enclosures and components, including isolators, fuses, MCCBs, contactors, protection relays, pushbuttons, lamps, relays and timers.

Mechanical technology: Conveyor belts, pulleys and drives; monitoring and protection; belt slip, speed, tension and emergency stop pull-rope devices and cranes; hydraulics and pressure gauges.

Installations & contracting: Underground cables; overhead lines; cable reeling and festooning equipment; line, cable and wiring accessories; tools and safety equipment.

July

Lighting: Design and application of street lighting systems, luminaires, poles, masts, towers and gantries; traffic lights, traffic control displays and warning beacons; solar power and emergency lighting technologies.

Switchgear & drives: Fixed speed direct-on-line, star-delta, liquid rotor resistance, metal grid rotor resistance, reactor and Korndorffer motor starters and controlgear; electronic reduced voltage soft starters.

Mechanical technology: Pumps; fans; compressors; refrigeration machines; crushers; mills and conveyors; mixers and blending systems.

Installations & contracting: UPS, batteries and chargers; diesel generators and standby power supplies; genset controllers; lightning and surge protection; earthing; labeling; trunking and junction boxes.

August

Lighting: Existing, new and emerging light-source and lamp technologies, developments, applications and controls including LED lighting, fiber optics, organic LED systems; lighting for office productivity.

Switchgear & drives: Flameproof drives, motors, switchgear, enclosures and accessories for hazardous areas and other arduous environments in the mining, chemical and petrochemical industries.

Mechanical technology: Coal mining machinery and mining automation; loaders, haulage systems and conveyor systems; laser cutting; gear, vane, piston and centrifugal pumps.

Installations & contracting: Test and measurement products, systems and services for electrical and mechanical installations; infra-red thermal imaging and measurement.

September

Lighting: Energy efficient light sources, lamps and luminaires; electronic ballasts and controls; energy efficient designs and control systems; stage lighting; lighting for theaters and entertainment; light fittings and accessories.

Switchgear & drives: Small and medium power LV variable speed drives; switchgear; motors and mechanically driven equipment for industrial, factory, manufacturing and other applications.

Mechanical technology: Robotics and automation in manufacturing, assembly and packaging; electromechanical, hydraulic and pneumatic grippers, actuators, cylinders, valves and controls; rotary and position encoders.

Installations & contracting: Power tools; UPS, batteries and chargers; power tools and personal protective equipment (PPE).

October

Lighting: Specialist lighting applications – airports, stadiums and display areas; emergency lighting and battery technologies; UVGI luminaires (for germicidal sterilisation); lamp recycling.

Switchgear & drives: Large variable speed drives, motors and mechanically driven equipment in process, chemical and petrochemical industries; infra-red thermal imaging and measurement.

Mechanical technology: Condition, temperature and vibration monitoring; shaft alignment and displacement monitoring; lubrication and maintenance; cylinders and gas detection.

Installations & contracting: LV electrical wiring and cabling; cable glands, joints, enclosures and accessories; plugs, sockets and switches; installation and construction power tools and safety equipment.

November / December

Lighting: Design and application of domestic, commercial, architectural and stage lighting luminaires; lighting control systems and communications technologies including DALI and wireless; lighting for mines.

Switchgear & drives: Single and multi-motor fixed and variable speed drives, motors, power transmission and mechanically driven equipment in the pulp and paper industries.

Mechanical technology: Saw mills, wood chippers, boilers, digesters, paper machines and associated mechanical equipment in the wood, pulp and paper industries; mass metering, load cells and weighing systems; waste management.

Installations & contracting: Solar power installations and solar water heating; installation and construction tools and hardware; LV plugs, sockets, switches, conduit, wire and all other installation hardware and tools; lightning and surge protection; earthing.