



Customer focus



Features



Hands-on



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Spotlight



Welcome

I'm pleased to present the latest edition of Connections – Perkins' exclusive newsletter for India.

This is a special year for our brand, as 2022 is the 90th anniversary of Perkins Engines Company Limited. You'll be hearing more on our anniversary throughout the year but to get you started, this edition features a piece on our heritage. This issue also highlights Perkins'

presence at the forthcoming Excon exhibition, the Perkins GOEMs that use Perkins® 4000 Series engines for their generator set packages, an article on Perkins genuine parts and a look ahead to the upcoming CPCBIV+ emission standards.



Abhinav Gupta, regional marketing manager – South Asia

Thank you for your continued support for Perkins. Please keep sending your comments and story ideas to IPSD_India@perkins.com



Perkins celebrates 90 years of customer collaboration

This year, 2022, marks 90 years of Perkins Engines Company Limited. During the company's lifetime, more than 22 million diesel engines have rolled off our production lines, initially from the original Peterborough factory in the UK, and now from manufacturing facilities on four continents.

It's nothing short of astounding that the company founded by two out-of-work engineers to design and build a diesel engine that could power a passenger car has become one of the world's most recognisable engine brands. Their ambition was truly remarkable: they set out to design an engine unlike anything else in the market, not just in application but its size and operating parameters. They achieved it, too: the records may be hazy, but Perkins almost certainly has a claim to creating the world's first true diesel-powered car.

Today, there's a Perkins engine near you – in a generator, in a backhoe loader, in an earthmover, in an ocean-going ship – powering a far wider range of applications than our founders could ever have expected.

We'll be updating you on more Perkins 90th celebrations throughout the year, but if you're keen to learn more about our heritage, visit www.perkins.com/en_GB/company/heritage.html





Getting ready for CPCB IV+

The Central Pollution Control Board (CPCB) has released its notification for India Genset Emission Standards (CPCB IV+).

When the norms change for diesel engine driven generator sets to CPCB IV+ in 2023, India will have one of the most stringent emissions standards for the electric power sector in the world. To reach the proposed emission standards in India will involve improvements in NOx, hydrocarbons and particulate matter – which require significant changes to engine technologies.

At Perkins, with our global experience and capabilities in higher regulated territories, we are well positioned to offer our customers in India all the technologies required to meet these regulatory changes.

In addition to changes in core engine technologies, engines will need to use aftertreatment systems. Collaborating with our customers from concept to installation allows us to seamlessly apply our engine knowledge, product range and technology portfolio to their applications.

In this way, our knowledge and expertise helps develop equipment that meets the customers' performance expectations while complying with the relevant standards.

Aftertreatment systems clean and remove particles and gases from the exhaust to meet emissions standards. The system can include a diesel particulate filter (DPF), diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR) system to remove particulate matter and soot, unburnt hydrocarbons and nitrous oxides. Perkins aftertreatment and diesel engines are well researched systems, designed and built specifically for optimum fuel economy, proven performance and to meet applicable emissions standards.

There are increasingly stringent standards on emissions – and the technology we use at Perkins means our products meet the applicable standards, wherever they are used.

To discover more about Perkins technologies and how they help to meet emission standards visit: www.perkins.com/en_GB/products/emissions-technology.html



Our genuine parts are built to meet massive challenges – every day

Why use genuine parts? Well, whenever you fire up one of our engines, you are putting hundreds of individual components through incredible stress.

For example, every 24 hours a Perkins engine can shift the same amount of water through the water pump as a washing machine running for 30 years.

The engines keep running reliably for years because of the quality of the original parts.

So when you replace those components, why would you risk using anything other than an original Perkins part?

Our engines face some immense challenges every day. Did you realise, for instance, that a typical engine running for 24 hours will move 360,000 litres of water through a water pump, and filter 80,000 litres of oil? That's around the same capacity as two 40-foot oil tankers.

The pistons can change direction a quarter of a million times per hour, and the 160 bar head gasket pressure is the same as the pressure at a depth of 1.6 km under the sea, or five Eiffel Towers. The exhaust and cylinder gasket sealing, meanwhile, has to withstand temperatures of up to 750°C.

Perkins engines are designed and built to run reliably for years. The reason they have such a reputation for quality and durability is that our engines and components have been through a full and incredibly rigorous development process. So each component will have been tested separately and as part of the engine for thousands of hours before it reaches you.

Responding to feedback

Then, once that engine is in production, Perkins is able to capture feedback from thousands of engines in the field, to prompt even more improvements.

So when customers buy genuine Perkins parts, they can be confident that the component they are buying is the right one for the job, is reliable and durable, and has been designed and manufactured to the original specification.



Visit our website to learn more www.perkins.com/en_GB/aftermarket/maintenance/genuine-experience/genuine-parts-challenges.html



Meet our experts at Excon

The confederation of Indian Industry (CII) is holding the Excon exhibition, billed as South Asia's premier construction show, from May 17-21, 2022, in Bengaluru.

Perkins and its distributors GMMCO and Powerparts will be among the exhibitors at the event. As a world leading off-highway engine manufacturer, Perkins will be showcasing a range of engines that show the latest technologies and emissions capabilities for use around the world.

We look forward to seeing you at the Perkins stand at B22, Hall-1 (Lower Level) and showing you our latest range of power solutions, services and support.





Perkins GOEMs for 750-2500 kVA

Perkins world-class engines and comprehensive customer support delivers stable and sustainable electric power in exactly the way you want it, whatever the operating conditions.

With the right products to meet the needs of all the key industries in the electric power market, our engines provide standby generation for factories, offices and shopping malls, and for critical applications in hospitals and at airports. With Perkins comes reliability borne out of thousands of hours of real-world use and it's all supported by our global network.

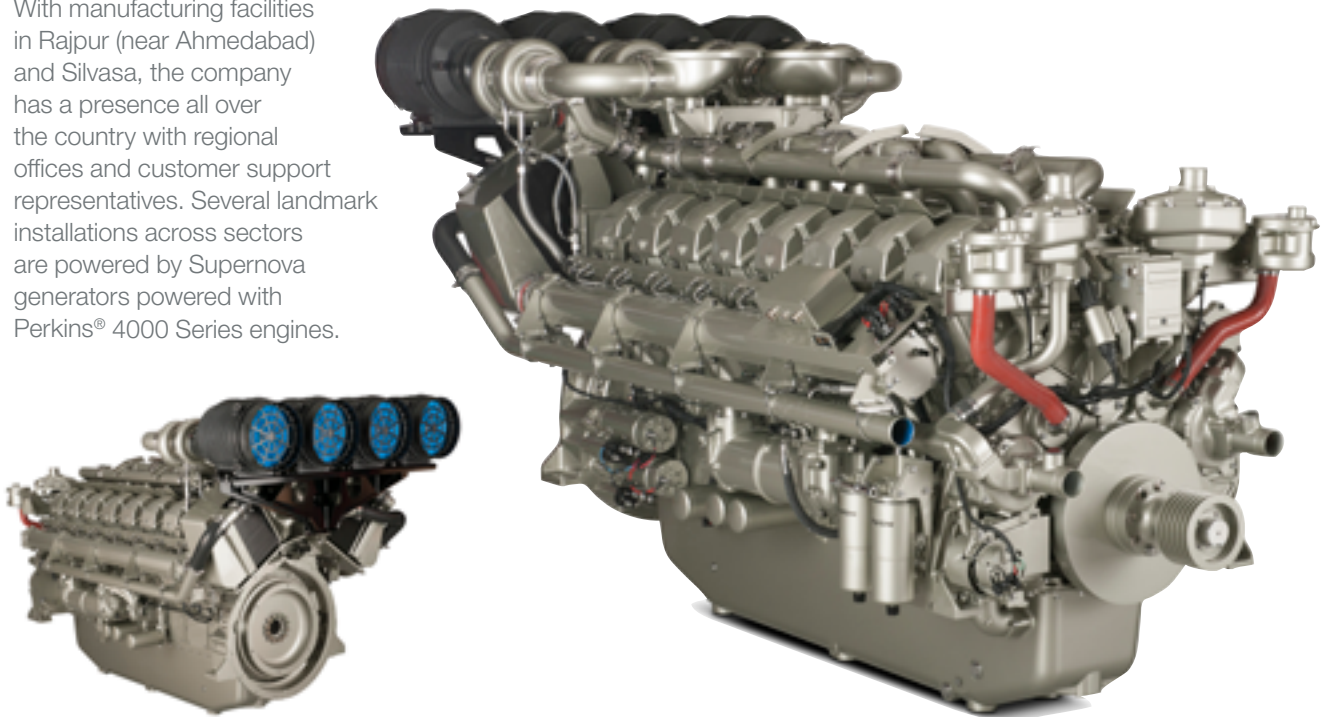
For 90 years we have worked with generator set original equipment manufacturers (GOEMs) to bring light, warmth, protection and of course peace of mind to thousands of people. Whether it's running every day or just once a year, you can count on power solutions from our GOEMs who use Perkins engines to create the innovative, efficient and reliable power solutions you need for your application.

Supernova, established in 1985, has earned a proven reputation for quality products. With manufacturing facilities in Rajpur (near Ahmedabad) and Silvasa, the company has a presence all over the country with regional offices and customer support representatives. Several landmark installations across sectors are powered by Supernova generators powered with Perkins® 4000 Series engines.

Captiva Energy Solutions, founded in 2010, specialises in customised industrial generators. With its manufacturing facility in Kolkata, and presence across India, the company is well positioned to serve customers with reliable power solutions. From the critical power requirements of the Indian Navy through to data centres, Captiva is well equipped to serve them all.

Visit www.supernovagenset.com to learn more about Supernova.

Visit www.captivaenergy.co to discover more about Captiva Energy Solutions.



Keep in touch with us

We have a dedicated area on our website, packed full of content on Perkins in India. It has information on Perkins' facilities in India, a news section, customer references and much more.

So, for all the latest information on Perkins visit www.perkins.com/india

Please feel free to follow Perkins on:

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