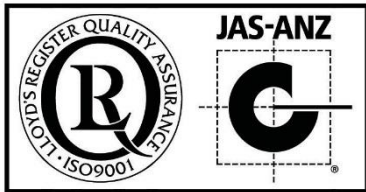


QUALITY ASSURANCE



All EMC Pacific Aust products are subject to stringent quality assurance in line with the ISO9001 Quality Management System. Our QA team is separate from Manufacturing Management and reports to the Technical Department and General Management. The experienced personnel are focused on maintaining high standards for compliance and continued improvement for the benefit of our customers, suppliers and employees.

Across our operations there are many examples of our continuous commitment to quality. Our extensive inspection and tracing procedures include in house partial discharge testing to 24kV, bi directional x-ray testing and laser engraved unique identification number (UIN) on each component.



We use only the highest quality ingredients from respected suppliers and use state of the art practices in the manufacture of our products to produce the best quality product possible:



X-ray Machine



Partial Discharge Testing



Laser Engraving example



Partial Discharge Testing



Hübbers Delivery System

QUALITY ASSURANCE



EMC Pacific Aust has long been recognised as an organisation driven by continuous improvement. This is a company which never sits still for long, is always looking for improvements in their processes and products to deliver long term benefits to their customers.

This commitment to innovation is coupled with an equally strong focus on quality. All EMC Pacific products are subject to stringent quality assurance in line with the EMCPA ISO9001 Quality Management System, and they all meet or exceed all relevant Australian and International Standards.

Recently, EMCPA has introduced two new processes into their manufacturing system which are a testament to their commitment to both continuous improvement and quality.



EMCPA installed a x-ray scanner which enables them to view the product right through to its core to confirm its internal integrity. In the past, and like most of the competition, EMCPA had to rely on destructive testing of units to check for defects, so every unit that passed testing was unfit for sale. While the results showed consistently (zero defects) and post integrity, EMCPA knew there was a better way. They have now implemented this advanced technology and customers are pleased with the quality guarantee it provides.

"Leading companies use this technique as an assurance of their product quality. It's not required by any standard, it's just good moulding practice," says Andrew Sorensen, (previous) Managing Director of EMCPA. "Customers who purchase our bushings are particularly pleased as we provide 100% confidence that all metallic components, wire screens and conductor areas are correctly moulded in and are properly seated. In the past we would have needed to open them up to check a random sample, and while we never experienced any issues, our new x-ray service gives customers a real sense of security."

Another innovation is the introduction of laser engraving technology to the production process. In the past, each part was engraved by hand which produced variable results in legibility and depending on the pressure applied during engraving, it could degrade over time. The new laser engraving service provides permanent, consistent and legible part identification and customers can feel assured that all parts are traceable to their batch for the life of the part.

The laser engraving technology has improved our quality control assisting the QA and Administration with record keeping of all units packed ready for sale to customers.



EMCPA is continually looking to improve our processes and delivery benefits to our customers.

We are currently purchasing a Hi Potential Tester (HI Pot Unit) to test all bushing products. In the recent months we have been trialing with its use and now seen it as a major innovation to add to our existing QA Systems.