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AMPCONTROL ELECTRIFIES IMARC UNVEILING MINE SPECIFICATION ELECTRIC VEHICLE CHARGING SOLUTIONS

- Ampcontrol has showcased electrification solutions that support a net-zero carbon environment at IMARC.
- Ampcontrol unveils next generation underground and surface mine DC fast chargers, designed to the latest safety standards.
- Ampcontrol has recently joined the Electric Mine Consortium (EMC) to drive efforts towards electrifying and decarbonising the mining industry

Ampcontrol has showcased their electrification solutions, including a mine specification DC Electric Vehicle Charger, at the International Mining and Resources Conference (IMARC) in Sydney, NSW.

IMARC is Australia's largest mining event mobilising the industry for collaboration on the future of mining, digital technology, and the energy transition.

Recognising there is a growing demand for low emissions technology, Ampcontrol is collaborating with industry leaders to develop and deliver innovative solutions to mining customers, that support a net-zero carbon environment.

Speaking on the future of mining, **Ampcontrol Managing Director & CEO Rod Henderson** said, "Ampcontrol is proud of our legacy in innovation and as a leader in providing complex solutions to the mining industry.

"The future of mining is one of incredible diversification and opportunity. We are collaborating with and working alongside industry, continuing our legacy of innovation by delivering solutions that support the future; electrification solutions", Rod continued.

Ampcontrol has a range of mining electrification solutions which include various Electric Vehicle Charging Solutions for mine sites, which were launched this week at IMARC.

The various DC chargers and DRIFTEX, their mine site personnel carrier Battery Electric Vehicle (BEV), are evidence of Ampcontrol's future and vision for the industry. These solutions work together to support emission reductions and increase personnel safety by removing diesel particulate matter and reducing noise underground.

With a focus on decarbonisation and enabling net zero emissions, Ampcontrol recently joined the Electric Mine Consortium (EMC), established to drive real-world solutions of decarbonisation in the mining industry.

Ampcontrol has a proven track record in diversely applying its electrical engineering expertise to deliver energy assets and technology-driven solutions.

Transferring their established expertise across diverse applications, including the delivery of sustainable power solutions for remote and distributed mining sites. Their off-grid and stand-alone power systems (SPS) provide a self-sufficient, continuous and reliable power supply to isolated consumption sources, utilising an array of technology including solar PV panels, inverters and battery storage.

Taking the next step with their SPS technology, Ampcontrol is adapting the award-winning Solar Qube SPS into a Green Hydrogen SPS system, a first of its kind in Australia.

These electrification and energy solutions along with H3RO Ampcontrol's harsh environment reticulated optics solution, developed in collaboration HUBER+SUHNER, have been showcased by Ampcontrol, on stand D16, at IMARC 2-4 November.

Ends.

Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors. Founded in Newcastle NSW in 1968, Ampcontrol has grown to over 950 employees across 30 operations worldwide.

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EDITOR NOTES

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About Ampcontrol

- Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors.
- From humble beginnings founded by four friends in a small shed in Newcastle in 1968, Ampcontrol has grown to over 850 employees across 30 operations worldwide.
- Ampcontrol co-founder, Peter Cockbain AM, is named by Engineers Australia as one of Australia's top 100 influential engineers and in 2015 he became a Member of the Order for Australia for his significant services to engineering.
- Locations include New South Wales, Queensland, Victoria, South Australia, Western Australia, Northern Territory, ACT, Asia, India, Mongolia, UK, and France.
- Consists of 6 member companies; Ampcontrol, Captech, CPS National, ResTech, Verico Group, and Austech.
- The largest operation is located in the Hunter, NSW, with a combined manufacturing space totalling over 21,000sqm spread over 10 different sites.
- Designed and built lifesaving emergency ventilator prototypes for the NSW Government in response to the COVID-19 pandemic.
- Developed the world's first IECEx certification for an explosion protected, hermetically sealed, nitrogen filled and pressurised mining transformer.
- Developed the industry's first 132kV emergency response mobile substation that has received RTA approval as a new special class type of vehicle due to its innovative design and ability to meet all road safety requirements.
- Developed Australia's first variable speed drive (VSD) installed on a longwall armored face conveyor in Moranbah North Longwall.
- Designed and developed a breakthrough remote water treatment system that transforms undrinkable water into pure water. Pilot project currently installed in a remote indigenous community in Gillen Bore, Northern Territory.

MULTI-AWARD WINNING ENGINEERING, DESIGN, AND INNOVATION

- 2021 Good Design Award for Excellence In Engineering Design (Solar Qube)
- 2021 Hunter Manufacturing Award for 'Excellence In Product Design' (Solar Qube)
- 2021 Hunter Manufacturing Award for 'Collaboration Partnership' (Hybrid Diesel Electric Boat)
- 2020 Hunter Business Award for Excellence In Innovation & Adaptability for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Collaboration Partnership for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Manufacturing Pivot for 'Emergency Ventilator Project'
- 2020 Lake Macquarie Business Excellence In Innovation for 'Emergency Ventilator Project'
- 2020 Consult Australia Awards for Excellence for Technological Innovation for 'Gilghi'
- 2020 [Institution of Civil Engineers](#) Chris Binnie Award for Sustainable Water Management for 'Gilghi'
- 2020 Engineering Excellence Award Newcastle Division for 'Gilghi'
- 2020 Good Design Award winner for Social Impact for 'Gilghi'
- 2020 NSW Mining Supplier of the Year
- 2020 Australian Water Association NSW Water Infrastructure Project Innovation Award for 'Gilghi'
- 2019 Hunter Business Excellence Award for Innovation' Gilghi'
- 2019 Good Design Award winner for Product Design – Commercial and Industrial for 'Rockstarter'
- 2019 Good Design Award winner for Engineering Design for 'Rockstarter'
- 2019 Scottish Engineering Awards – President's Award winner
- 2019 Lake Macquarie Business Excellence Award for Innovation for 'Gilghi'
- 2019 Mine Electrical Safety Conference Innovation Award for AFC VSD Moranbah North Longwall Project
- 2018 HunterNet Chairman Awards Excellence In Work Health Safety
- 2018 Hunter Business Awards Excellence In Business (20+ employees)
- 2018 NSW Minerals Council Outstanding Supplier for 'H3RO'
- 2017 Hunter Manufacturing Awards Excellence In Product Design for 'VoiceComm Phone'
- 2015 Engineers Australia Newcastle Engineering Excellence Award for 'Arc Fault Venting – Simulation and Practice'
- 2013 Australian Engineering Excellence Award winner for Engineering Innovation' Management of VSD earth leakage currents in fault limited networks'
- 2010 Australian Engineering Excellence Award winner for Engineering Excellence' Blakefield South 11kV longwall in partnership with Xstrata Coal and Joy Global'
- 1998 Australian Engineering Excellence Award winner for Engineering Excellence 'iMAC'