

Compressed Air Optimisation - Northmore Gordon

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businesses accelerate technology adoption, improve project ROI, and manage claims of renewable energy, energy efficiency and carbon offset 1 carbon offset = 1 tonne of CO₂-e avoided or removed from the atmosphere. Avoided emissions covers activities that alter behaviour that would have otherwise caused emissions such as energy efficiency improvements or avoided deforestation. Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage. certificates Live Certificate Prices The value of certificates change day-to-day, check today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. Locations Find our offices near you. Contact Us Get in touch with our team. Careers Join our team making a sustainability difference Articles Learn about energy efficiency & carbon reduction. Latest News Stay informed on industry developments. Government Updates Track policy changes impacting your energy use. Accreditations See our certifications for trusted service. Glossary Define key terms in emissions reduction. Compressed Air Optimisation While compressed air systems are easy to set up and operate, running them efficiently can be challenging. Our Experience Save up to 50% of energy costs Free up capacity Defer capital spend on new compressors Reduce noise pollution in the factory Compressed air systems often consume up to 7% of electricity use in manufacturing, or even over 30% in shipyards. In addition, the efficiency is rarely monitored, energy is nearly 80% of total compressor operating costs, and compressed air is easily wasted. This makes them a great target for energy savings. There is a good opportunity to: Save energy costs by up to 50% Free up capacity Defer capital spend on new compressors Reduce noise pollution in the factory Compressed air systems can be generally separated into Supply-Side and Demand-side. Optimising the supply-side means a focus on generating the compressed air at the right quality (dryness, particulates), the right pressure, and for the least energy possible at all flow conditions. Important things to consider are Compressor types, ongoing monitoring, and system controls. Optimising the demand-side means ensuring the air is not wasted through leaks, unnecessary pressure losses, 'artificial demand' or using it inappropriately. Compressed air systems are simple to set up and run, but much more challenging to run well. What Can We Help You With Low-cost, simple actions Advise on larger changes System benchmarking Low-cost, simple actions We can help you optimise the Supply side and advise on how to: Maintain your system Optimise your pressure controls We can also help you to optimise the demand side: Reduce artificial demand Reduce leaks Reduce inappropriate use and waste of compressed air Advise on larger changes We advise on New compressors and dryer selection Capacity assessment Piping design changes End user equipment substitution System benchmarking Northmore Gordon has benchmarked the performance for over 30 compressed air systems, and can offer: Power vs flow measurement and benchmarking Specification and Verification of meter readings, meter type, and installation Comparison to best practice and reference sites Climate Active Process Compressed Air Contact Form Please fill out the form below if you are interested in and we will be in touch. First Name Last Name Email Address Phone Number Message Send Assess your Business now with our Carbon Health Check! ■ Do a quick carbon health check to assess how well your organisation is managing carbon. Time to complete the survey is approximately 5-10 minutes. Take The Quiz Last Updated: 06/06/24 Get in touch Australia 1300 854 561 (Advisory) 1300 878 500 (Certificates) Melbourne Suite 1, Level 4 607 Bourke Street Melbourne VIC 3000 Singapore +65 6690 2480 Singapore 1 Keong Saik Road, Singapore 089109 Stay up to date Alternatively, complete the form and we will be in touch with you. First Name Last Name Email Phone

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