Protecting valuable wine collections

Centrica Business Solutions was asked to deliver a permanent, standby power solution for a nationally recognised wine warehouse, where round-the-clock climate control is vital.

Upgrading backups for high value product
A leading wine warehouse and transportation service provider needed to maintain its customers’ highly valuable inventories in a climate-controlled environment, 24/7. As a result, the decision was made to upgrade its existing backup power generator from a portable unit to a permanent installation.

Flexible, fast-track project teams
The operation was located near sensitive wetlands, and needed to comply with local noise restrictions, necessitating the use of a high-quality, fully sound attenuated enclosure.

Centrica Business Solutions recommended Rudox Power Generation, a proven-reliable standby generator with top-quality components and excellent sound attenuation.

Due to the urgency to deliver the climate control project, Centrica Business Solutions ensured delivery, setup and full commissioning of the generator within a six-month window.

The results
Today, the wine warehouse and its client base have the protection they need, and all within the confines of a highly certified, quiet operation.

Centrica Business Solutions delivered a 400 kW, three-phase generator set to include a long-life and heavy-duty, world-class engine, ensuring maximum reliability and durability during operations. The generator set is housed within an enclosure featuring layers of durable, oil and fire-resistant Rockwool sound insulating material. Moreover, the top air discharge and silencers added onto the device reduce the overall noise significantly.

In addition to the peace of mind of having a sound attenuated, backup emergency generator, the client received an insurance premium deduction due to lowering the risk of loss of product.

“Today, the wine warehouse and its client base have the protection they need, while receiving an insurance premium deduction due to lowering the risk of loss of product.”

Why Centrica Business Solutions?
- State-of-the-art enclosure with a noise level of 73 dB(A) at 23 feet
- 400 kW diesel, three-phase generators
- 600A @ 480V rating
- Connected via ASCO 2500-amp service entrance rated transfer switch
- ISO 8528-5 and UL2200 Listed with CSA certification