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Engineers to Mining and General Industry



Winders at Impala 14 Shaft commissioned

Having received the contract some 8 months earlier, Winder Controls has recently completed the uplifting, refurbishing, upgrading and installation of a single drum service winder and a double drum man winder on No. 14 Shaft at the Impala Platinum mine near Rustenburg in the North West Province. Martin Abate, Winder Controls' project manager says, "The work was carried out according to specification, within budget and on time."

The single drum service winder with a diameter of 4,27m and width of 1,5m was originally built in 1982 and was in operation at No. 11 shaft. On this machine, the drive and control systems were originally supplied by Winder Controls. During the project, the control system (PLC and Scada) was upgraded. The double drum man winder with a diameter of 4,92m and width of 1,8m was manufactured by Winder Controls in 1993 and had been in service since then as a rock winder on the same shaft.

An interesting feature of the project was that both winders were put into full operational service over a weekend so that production loss at 14 shaft was eliminated.



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