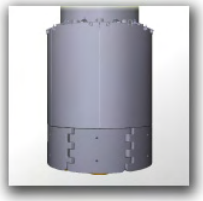
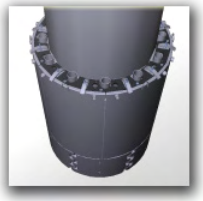
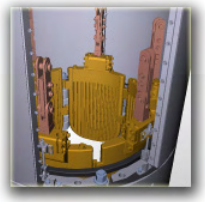
Virtual Maintenance for Heavy Industry

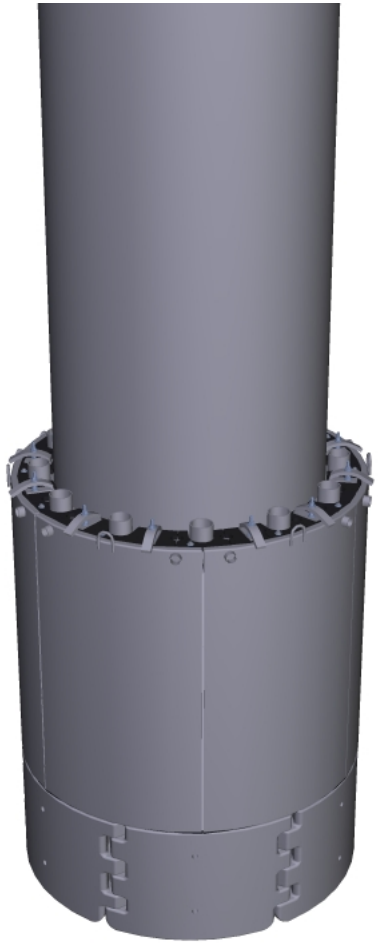
Views

Click a view below









Animations

Click below

This model and animation provides a visual overview of an electrode contact shoe assembly, enabling maintenance teams to familiarise themselves with this complex mechanical system in a steel mill.

The contact shoe assembly has six pressure panels that act as a conduit to allow electricity into the electrodes of a 42 MW furnace at NZ Steel's Glenbrook plant. The contact shoe assembly is extremely difficult to access and cannot be worked on without shutting down the furnace, isolating the unit and removing nearby equipment.

Revisia's virtual models help maintenance personnel address these challenges and strategise, develop and implement safe and optimal maintenance procedures, while minimising downtime.

Produced by Revisia Limited and Nextspace - with permission from New Zealand Steel

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