

HG TECHNOLOGY



1. The Challenge

Breedon Hope Works, the largest cement manufacturer in the UK and Ireland, produces 1.5 million tonnes of cement annually and manages over 3,000 pieces of plant equipment with six inspection teams. Previously, routine inspections were conducted using pen and paper, leading to lost records, limited auditing, and time-intensive writeups. Recognising the inefficiencies, Hope Works sought a modern system to digitise inspections, improve data management, and streamline processes.

2. The Approach

After piloting Resco.Inspections in 2020, Breedon saw the potential to modernise their inspection process using mobile devices and cloud storage. To ensure full implementation, they partnered with HG Technology. HG integrated Resco.Inspections with platforms such as SharePoint, PowerBI, and SAP. This allowed inspectors to conduct inspections on mobile devices both online and offline, while automating data extraction and storage using Power Automate. The integration streamlined workflows and enabled comprehensive reporting via PowerBI dashboards.

4. The Feedback

"HG Technology successfully implemented a secure, timesaving, and user-friendly system for Breedon Cement Works. Inspections are now conducted via mobile devices, with digital copies extracted and stored automatically. The system saves us valuable time and reduces app usage day-to-day."
– Senior Process Engineer, Breedon Cement Works

3. The Outcome

The new system transformed inspections at Hope Works. Inspectors no longer rely on paper, ensuring data is never lost, while managers receive timely notifications of issues. The cloud-based solution saves time, enhances accuracy, and reduces the need for multiple tools, improving overall efficiency.