



MAXIMO UK & IRELAND USER GROUP

BREEDON CEMENT IRELAND

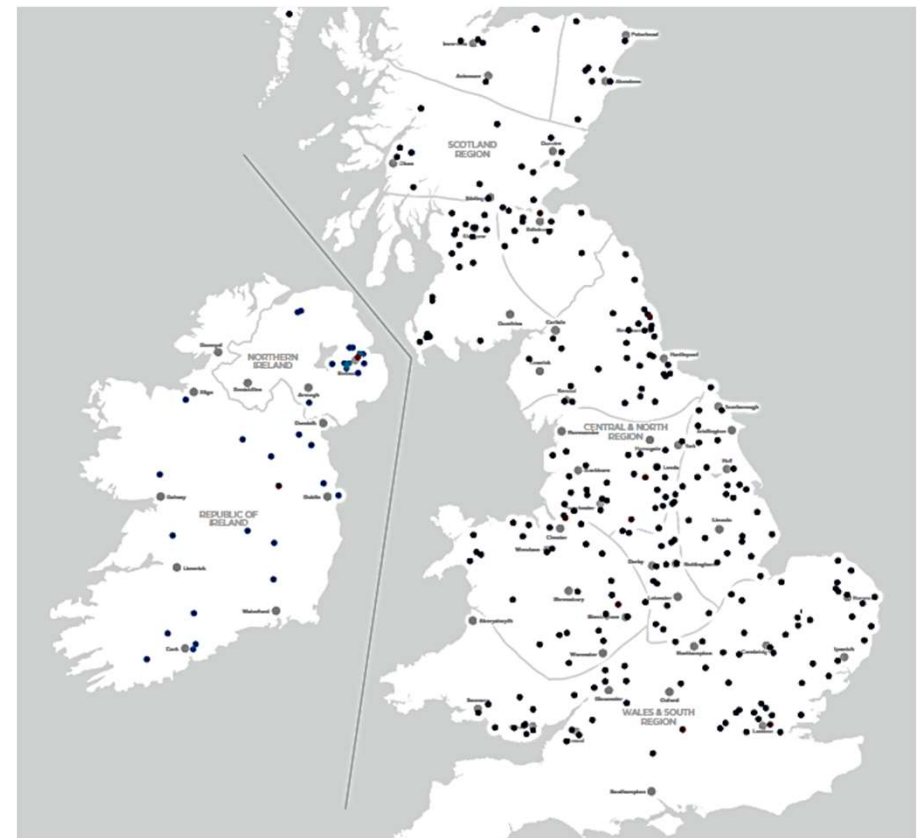
TAKING MAXIMO MOBILE WITH OPQO – OUR STORY



Breedon Cement Ireland



- Part of the Breedon Group of Companies
- Breedon is a leading construction materials group in Great Britain and Ireland
- Modern cement plant at Kinnegad, Ireland
- c115 employees on site
- Produces bulk and bagged cement for supply to Ireland and GB
- Produce c700,000t cement PA
- Safety is part of our culture
- Industry leader in fossil fuel replacement
- Strive for continued carbon reduction



Maximo – Backbone of Operations



- **Maximo was implemented at plant start up**
- **Maximo manages; Assets, Inventory, Procure to Pay, and Maintenance**
- **Graphical Applications manage work planning**
- **Maximo lived in the office environment**
- **Technology gap from planning to execution**
- **Paper based communication of work**
- **Condition based and predictive maintenance**
- **Accurate and detailed information aids decisions**



Information Returning



The measure of this report item is not available.

The resource of this report item is not available.

Work Order Details

0000794571: Raw Mill Weightfeeders 3 monthly combined - WFO4 & WFO5

Asset: RAW MILL WFO RAW MILL WEIGHT FEEDERS (Sched)
Location: 311 RAW MILL FEED (Delivery group)

Sched start: 12/07/2021
Sched finish: 12/07/2021
Target start: 14/07/2021
Target finish: 14/07/2021
Actual start: 10/07/2021
Actual finish: 10/07/2021
Report date: 05/07/2021
Reported by: P5000455

Site: 311WFO4 & 5
Priority: 2
Work type: 51
Status: INPRG
Parent: 311WFO4 & 5
Planning Class:
Problem Code:
ID Approval: 410993

Job Plan: WEIGHFEEDER ON
Supervisor: DOONAN
Local: DOONAN
Vendor:
Owner:
Owner Group:
Service:
Service Group:
Classification:

Task ID	Description	Status	Measurement Point	Value	Date	Observations
10	See attached photograph for details of cracks required.	INPRG		0		
20	Send a summary report to technical to ensure all business units are aware of any changes	INPRG		0		

Task ID	Craft	Skill Level	Labor	Vendor	Contract	Qty	Hours	Rate	Line Cost
Total Planned Labor:									

- ① 311WFO4 *
- ② BELT IN POOR CONDITION CHANGE ASAP
- ③ TAIL GUARD MISSING TWO TOP PANELS
Risk of getting hand caught in tail drum
- ④ SKIRTING RUBBER RIPPED ON SIDE PANEL
- ⑤ CHAIN GUIDES WORN ON DRAG CHAIN
- ⑥ SCAFFOLD IS IN THE WAY ON THIS WEIGHT FEEDER FOR PROPER INSPECTION OR BELT CHANGE

311WFO5
CHAIN GUIDES WORN ON DRAG CHAIN UNDER 311WFO5
BELT IN POOR CONDITION CHANGE A.S.A.P

Work Order Details

000752443: 22nd Inspection Distribution Gate North & South Site Topside

Task ID

Task ID	Description	Status	Measurement Point	Value	Date	Observations
10	Open to expose gate, gate seals and air slide. ACTE - 100000 per supply.	INPRG		0		
20	Inspect gate pot, air seal with close attention to gate skirting area.	INPRG		0		
30	Inspect air slide curves ensuring no worn or frayed areas.	INPRG		0		
40	Inspect gate stop ensuring slide gasket (100,000) is replaceable and effective.	INPRG		0		
50	Inspect clamp rings (120,000) are tight.	INPRG		0		
60	Inspect slide arm (120) to actuator bolts (p-1) are tight.	INPRG		0		
70	Manually operate valve unit ensuring it is free to move.	INPRG		0		
80	Ensure air pressure is set between 6 and 6.5BAR.	INPRG		0		
90	Inspect actuator shaft seal for effectiveness.	INPRG		0		
100	Reassemble - seal unit with oilbore, adjust breaking screw (p-1) (p-2) before securing seal bolts.	INPRG		0		
110	PM "DISCU" - apply to 5410001 top of S 300 & 5420001 top of R 300 (July).	INPRG		0		
120	PM "DISCU" - apply to 6210000 to DG14, Bulk loading (August).	INPRG		0		
130	BSG 300 - DG01, DG04, DG07, DG10, DG14.	INPRG		0		
140	BSG 300 - DG02, DG03, DG05, DG11, DG15.	INPRG		0		
150	PM "DISCU" - apply to 5410001 to 5420001, feed line (S 300) to Bulk loading (Sept).	INPRG		0		
160	BSG 300 (S 300) - DG01, DG02, BSG 300 (R 300) - DG03, DG04.	INPRG		0		

Task ID	Craft	Skill Level	Labor	Vendor	Contract	Qty	Hours	Rate	Line Cost
Total Planned Labor:									

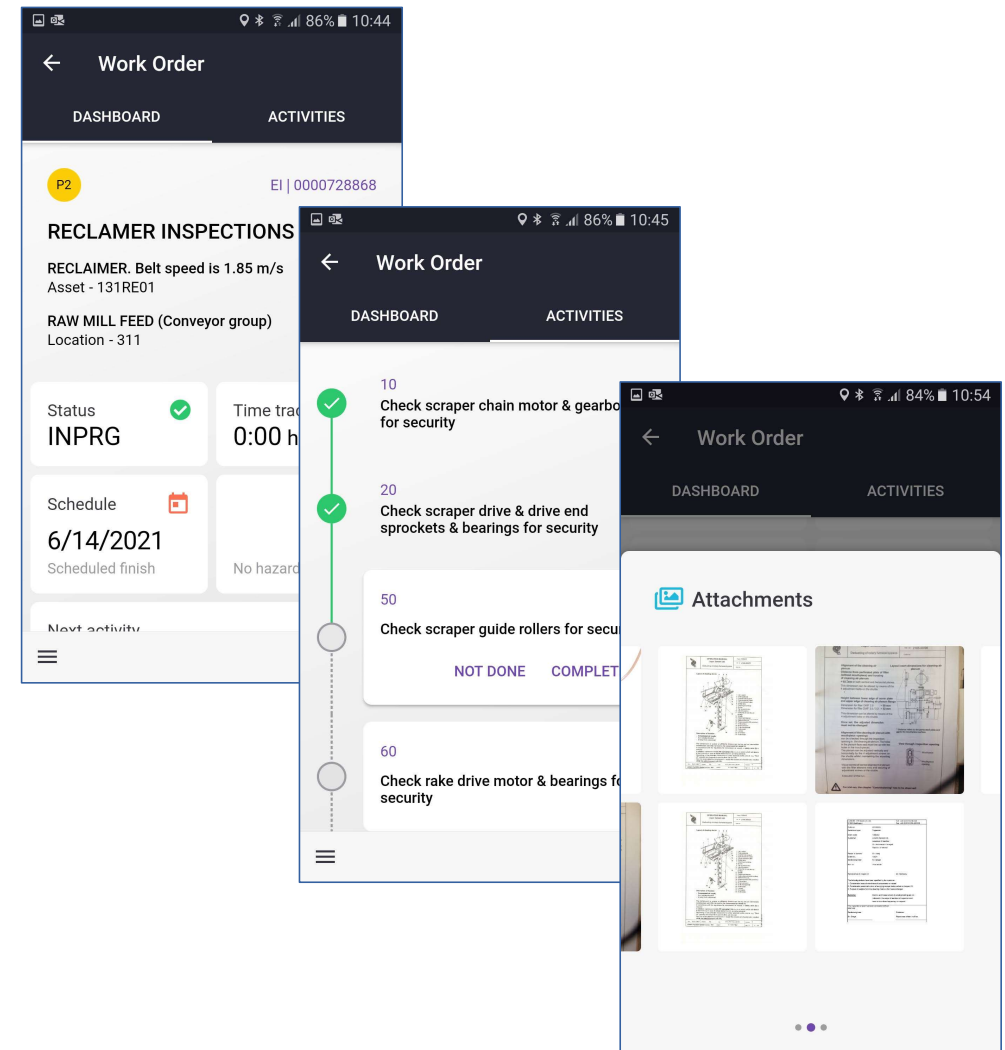
SEALS ON INSPECTION POTS PEAKED AND CRACKED CHANGED 4 NO 170mm & 4 NO 220mm CRACKS ON AIRSLIDES ARE WELL BEATEN IN FROM BEING HIT WITH HAMMER OR SLEDGE

- Returning work orders had to be reviewed, notes comprehended, and entered into Maximo
- Images uploaded and documents scanned
- New work orders generated based on this information
- Important information could be missed resulting in failures and downtime

Introduction to OPQO



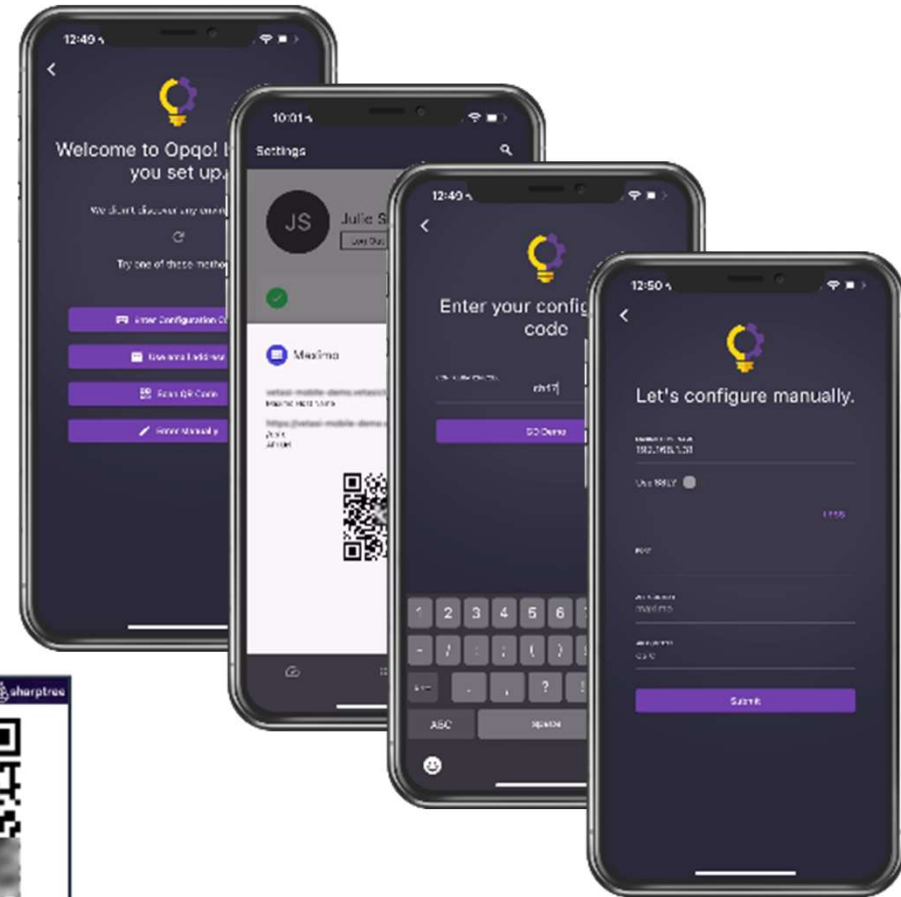
- Need for effective communication with job site
- Previous experience with Maximo Everyplace
- Introduced to OPQO by our partner, Vetasi
- OPQO – simple implementation for powerful app
- Direct access to Maximo by end user
- Simplified navigation using modern style app
- Can work offline with no loss in information
- Decision to trial and then implement without the need for high-level approvals or investment



Installation & Set Up



- Download from Play Store or App Store
- Connect to Maximo via short-code, QR, or auto-detection
- Install from the phone
- No custom components specific to us
- Just add users in Maximo
- Start trying out!



Roll Out & Feedback



- Engaging with our workforce
- Showing it's a WIN WIN
- Fear of technology
- Start simple - build from there
- Opportunities for feedback
- Fully supported by Vetasi
- Continuous improvement through regular updates



Proof of Concept

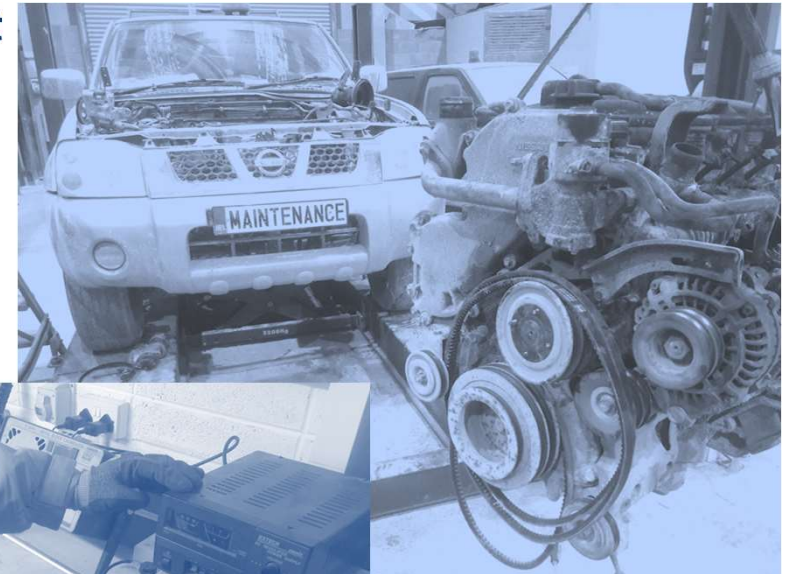


- **Limited to a few Fitters**
- **Review the returning data**
 - More, better, faster
- **Better decisions on accurate data**
- **Expand the information available to the user**
 - Attachments
 - Pictorials
 - OEM specific information
- **Opportunities to gather more information**
 - Task notes and photos
 - Follow up work orders
- **Identify further utilisation of Maximo**
 - Meters
 - Routes
 - Failure reporting
- **Net result from trial**
 - Significant improvement efficiency
 - No lag in information
 - Appetite to further adopt its use

Driving Forward



- Rollout to other departments and users for work management
 - All maintenance crews Maximo enabled
 - Electrical, testing and gathering data
 - Fleet Maintenance, scheduled servicing
- Supervisors monitoring and managing the work
- Maximo Inspections being developed
- Inventory Management by stores
 - Issues and Returns
 - Stock Counts



Where Are We Going?



- Roadmap for improvement
- All activities planned and managed through Maximo
- All inspections and data recording through Maximo
- Paperless flow of information
- Inventory checking and issuing
- Work Permits with Lock Out – Tag Out in Maximo and Mobile
- Hazard identification and risk assessment
- Monitoring of accurate data for KPI review and strategic improvements
- Opqo integral part of our Maximo utilisation

THANK YOU

Questions will be taken at the tables later

See Vetasi in the breaks for Opqo demos

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