Innovation

Presented by

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Promoting an essential and responsible Industry
'Boremaster' (Hanson Aggregates)

- Borehole alignment
- Robust, lightweight
- Dry holes only
Innovation

‘Boremaster’ aid to Geometrics
Instructor Harness
(Aggregate Industries UK)

- No seat for trainer
- Solved by fitting harness
- Standard off-the-shelf kit
Innovation

Health & Safety

Instructor Harness

Aggregate Industries UK Ltd
Mobile plant instructor harness
Handling Heavy Bucket Tips (Foster Yeoman)

- Teeth can weigh 50kg
- Use kerb handler
- Look after their backs!
Battery Booster Pack (Hanson B&PS)

- ‘Jump starting’ is risky
- Better to use dedicated pack with dedicated terminals
Health & Safety Innovation

Battery Booster Pack
Innovation

Crusher
Feed Relay
(Lagan Group)

- Up to 5hr to clear blocked cone
- Arduous manual handling
- Speed sensor linked to feeder
Health & Safety Innovation

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Lagan Group
Crusher feed relay
Conveyor Sampler
(United Marine Aggregates)

- Safe system of work
- Production *not* interrupted
- Cheap to fabricate
Idler Replacement Tool  
(J Clubb)  
[Small / Medium-sized Enterprise]

- Shore to ship conveyor
- Walkway: one side only
- Use of tool reduces risks
Innovation

Health & Safety

Idler Replacement Tool

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J Clubb Ltd
Idler replacement tool
Grid Guard (RMC Materials)

- Blockages cost time
- Stop them *before* they stop you!
Grid Guard (RMC Materials)

- Blockages cost time
- Stop them *before* they stop you!
- Could be used in conjunction with a CCTV camera & monitor
Innovation Grid Guard

Health & Safety Innovation

Extending the Culture

Grid Guard
Elevator Inspection Access (Tarmac Central)

- Inspecting in safety
- No risk of entrapment
- Cheap, simple, quick
Innovation

Elevator Inspection Access
Bitumen Pipe Unblocker (Midland Quarry Products)

- Portable
- Intrinsically safe
- What system do you use?
Preventing Over-Pressurisation In Silos

(RMC Materials + Rugby Cement)

- Early release of pressure
- Prevents over-pressurisation
- No need to chain down the filter assembly!
Innovation

Preventing Over-Pressurising Silos

Health & Safety Innovation

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Preventing Over-Pressurising Silos
Innovation

Ready-mix Aids
(Lafarge Aggregates)

- Easing silo level checks
- Improving winch safety
- Reducing build-up in mixer
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Lafarge Aggregates Ltd

Probe circuit tester & Pan mixer maintenance aids

‘Ready-mix’ Aids
Admixture Pump (Tarmac Northern)

- Reduces use of ladders
- Ideally needs independent air supply
Lorry Body Prop
(Midland Quarry Products)

- Robust, easy to operate
- Total peace of mind
Health & Safety Innovation

Lorry Body Prop
Innovation

Automatic Split Tailgate (RMC Materials)

- Reduces musculo-skeletal risks for drivers
- Particularly useful for older, or smaller-framed drivers
Health & Safety Innovation

Automatic Split Tailgate

Fully Automated Split Tailgate Door
Innovation

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Thank you for listening!