

Pipescan

HMA Wear Solutions Pipescan reduces maintenance costs and increases production through accurate pipe wear monitoring.

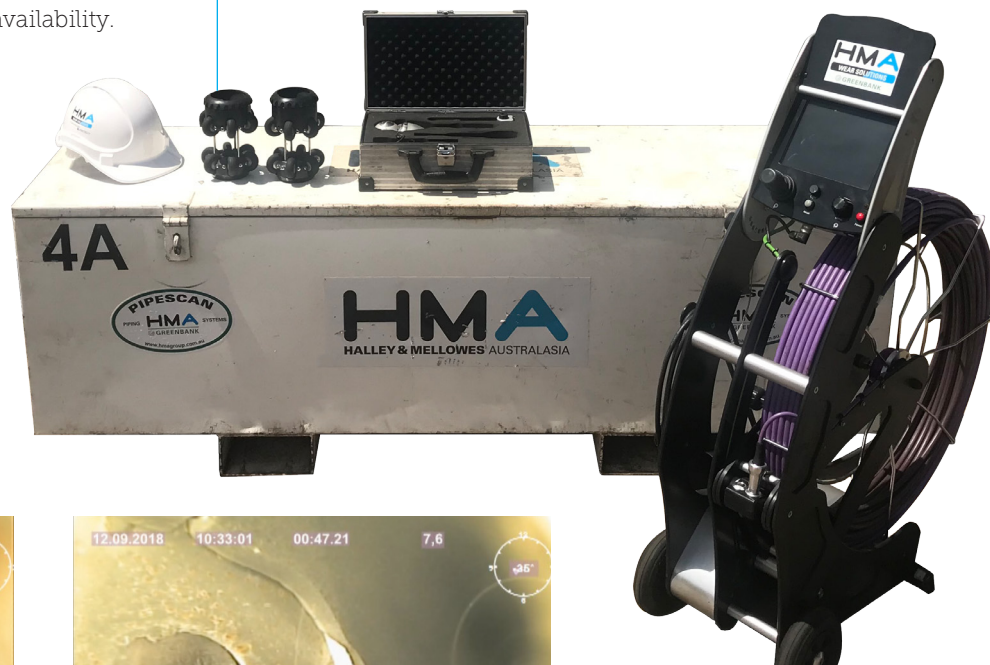
The HMA Pipescan service will accurately detect and record subtle changes to the internal pipe diameter due to wear. Using an internal HD video camera we can quickly and accurately quantify pipe wear drawing on our vast knowledge and experience that spans over 35 years in the industry.

Utilising this information, we can predict the expected life of the pipework to determine the recommended maintenance and ultimately maximise plant availability. This information is collated and presented in a proven, detailed report generated from our experienced technicians, internal expert technical support and extensive database.

The report highlights the pipe condition, maintenance recommendations and budget cost projections. The database is regularly updated with each service to ensure the maximum life of the pipeline is achieved while at the same time optimising plant availability.

ADVANTAGES

- Eliminates unscheduled shutdowns caused by pipe failure.
- Reduces maintenance costs
 - Minimise breakdown repairs
 - Maximises pipe life
- Increases pipe availability as pipeline integrity is assured between regular shutdowns
- Allows forward planning for maintenance
- Reduces stock
 - Predict what pipes will be needed
 - Predict when they will be needed
 - No need for 'emergency' stock
- Accurate annual budget expenditure forecasts
- Coincides pipe maintenance with scheduled plant shutdowns
- Releases maintenance crews for more critical work
- Multiple units for high volume scanning



Example Screen Shots

DETAILED REPORT WITH MAINTENANCE ADVICE



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HMA WEAR SOLUTIONS PIPESCAN REPORT

PIPESCAN SUMMARY REPORT

Scan # HMA-69604

Scan Date 10/09/2018

Customer [REDACTED]
 Site [REDACTED]
 Line Number HMF-02
 Line Description Heavy Medium Feed Line - Loop 02
 Drawing Number [REDACTED]

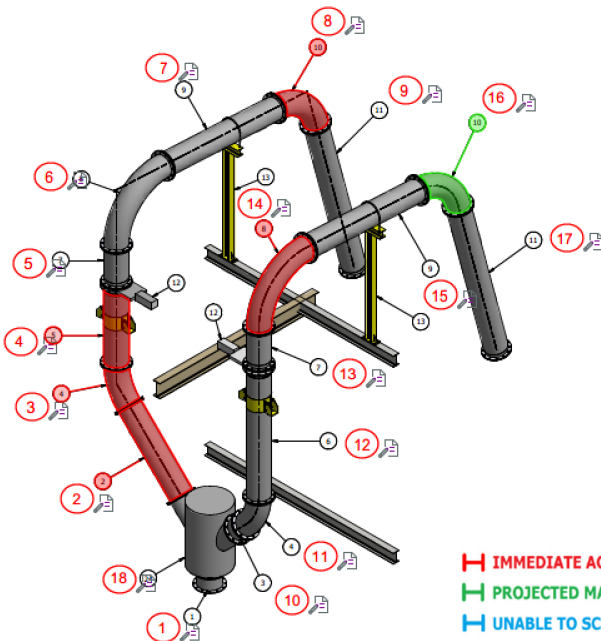
Part Number	PS Ref #	Part Description	Condition	Appears on Immed. Action Report?	Appears on Proj. Maint. Report?	Notes
PP8384-1	1	430Nb Basalt Straight	Light Wear	NO	NO	
PP8384-2	2	400Nb Basalt Straight	Heavy Cracking	YES	NO	
PP8384-4	3	400Nb Basalt Bend	Heavy Cracking	YES	NO	
PP8384-5	4	400Nb Basalt Straight	Heavy Cracking	YES	NO	
PP8384-7	5	400Nb Basalt Straight	Moderate Wear	NO	NO	
PP8384-8	6	400Nb Basalt Bend	Moderate Wear	NO	NO	
PP8384-9	7	400Nb Basalt Straight	Moderate Wear	NO	NO	
PP8384-10	8	400Nb Basalt Bend	Holed	YES	NO	
PP8384-11	9	400Nb Basalt Straight	Moderate Wear	NO	NO	

PP8384-L2

Heavy Medium Feed Line - Loop 02

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EASILY INTERPRETED INFORMATION & HIGH DEFINITION PHOTOS



IMMEDIATE ACTION
PROJECTED MAINTENANCE
UNABLE TO SCAN



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HMA WEAR SOLUTIONS PIPESCAN REPORT

IMMEDIATE ACTION REPORT

Customer [REDACTED] Scan # HMA-69604

Site [REDACTED] Scan Date 10/09/2018

Line Number HMF-02

Line Description Heavy Medium Feed Line - Loop 02

Drawing Number [REDACTED]

Part Number	PS Ref #	Part Description	Condition	IAR	IAR Required by	Notes
PP8384-2	2	400Nb Basalt Straight	Heavy Cracking	Replace	10/09/2018	
PP8384-4	3	400Nb Basalt Bend	Heavy Cracking	Replace	10/09/2018	
PP8384-5	4	400Nb Basalt Straight	Heavy Cracking	Replace	10/09/2018	
PP8384-10	8	400Nb Basalt Bend	Holed	Replace	10/09/2018	
PP8384-8	14	400Nb Basalt Bend	Heavy Cracking	Replace	10/09/2018	



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