

HOW IS THIS INFORMATION BEST MANAGED?

SETTING NEW STANDARDS



Oaky Creek

Oaky Creek Longwall Parts Manual Rev.8 (LW 25)

Longwall Panel LW25

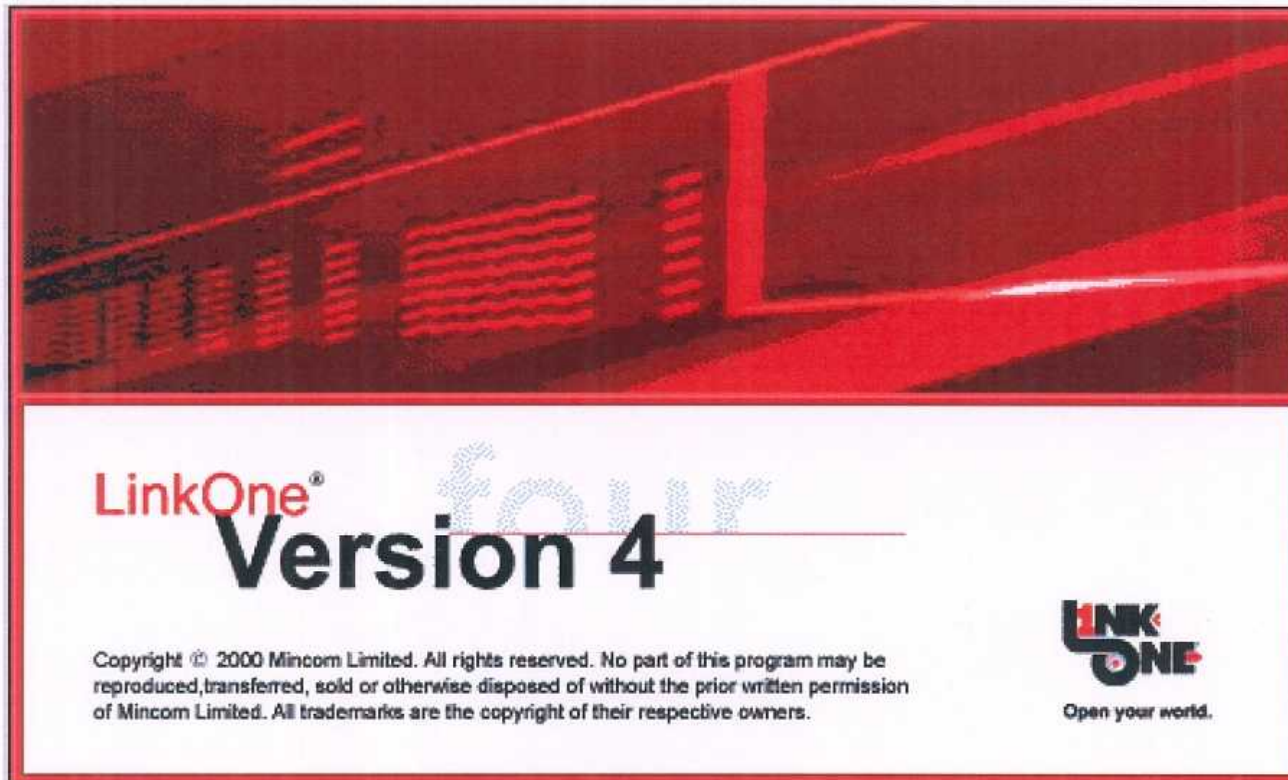
Mackay: 07 49422999
Sydney: 02 98530950

Newcastle: 02 49674388
Brisbane: 07 33908466

Changes to Drawings

HOW IS THIS INFORMATION BEST MANAGED?

- AS BUILT DRAWINGS OF INSTALLED HOSE ASSEMBLIES LINKED TO STORES – STOCK CODES / PART NO'S




HOW IS THIS INFORMATION BEST MANAGED?

ALFAGOMMA -- NPLPM -- 00

File Edit Zoom View Search Notes Preferences Help

SETTING NEW STANDARDS



Newpac

Newpac Longwall Parts Manual Rev.1 (LW 1)

Longwall Panel LW 1

Changes to Drawings

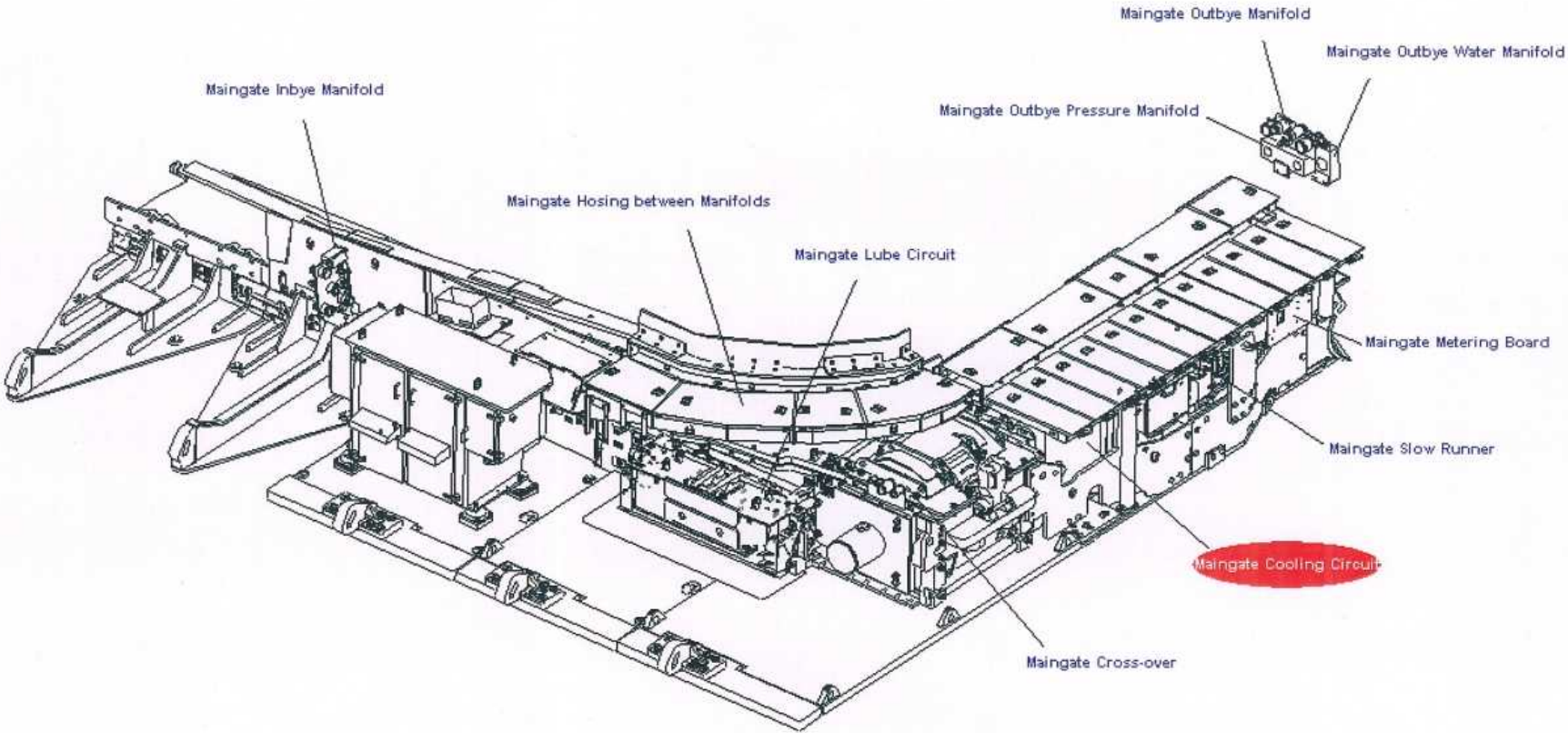
Mackay: 07 49422999
Sydney: 02 98530950

Newcastle: 02 49674388
Brisbane: 07 33908466

HOW IS THIS INFORMATION BEST MANAGED?

ALFAGOMM -- NPLPM -- 01-06 -- 60000

File Edit Zoom View Search Notes Preferences Help



HOW IS THIS INFORMATION BEST MANAGED?

ALFAGOMMA -- NPLPM -- 01-06-15 -- 61500

File Edit Zoom View Search Notes Preferences Help

01-05-03-03 Crusher Cooling Circuit
 01-05-03-04 BSL Cooling Circuit
 01-05-03-06 BSL Cooling Water Solenoid
 01-06-15 Maingate Cooling Circuit

ALFAGOMMA
 Newpac Longwall Parts
 Manual Rev.1 (LW 1)
 Maingate Cooling Circuit

Item	Part Number	
<input type="checkbox"/>	4	ACC-D12 3/4" Bol
<input type="checkbox"/>	10	R4-SFM12 NB20 R. 45 degre
<input type="checkbox"/>	17	R9-SFM06 NB10 R. 90 degre
<input type="checkbox"/>	19	R9-SFM12 NB20 R. 90 degre
<input type="checkbox"/>	23	RBV-SFM12/LOC NB20 R. Valve, L
<input type="checkbox"/>	56	RTA-SF12P12 NB20 R. Male Ad
<input type="checkbox"/>	71	RT-SFFM12 NB20 R. Swivel T
<input type="checkbox"/>	127	AT512-0.4-12RM Hose As Rapid M
<input type="checkbox"/>	134	AT512-0.65-12RM Hose As Rapid M
<input type="checkbox"/>	154	AT512-1.6-12RM Hose As Rapid M
<input type="checkbox"/>	163	AT512-2.2-12RM Hose As Rapid M
<input type="checkbox"/>	164	AT512-2.3-12RM Hose As Rapid M
<input type="checkbox"/>	186	AT512-4.5-12RM Hose As Rapid M
<input type="checkbox"/>	258	AT512-4-12RM Hose As Rapid M
<input type="checkbox"/>	RS-06	NB10 R.
<input type="checkbox"/>	RS-12	NB20 R.

Reference: 61500 Page: 01-06-15

HOW IS THIS INFORMATION BEST MANAGED?

ALFAGOMMA -- NPLPM -- 01-06-15 -- 61500

File Edit Zoom View Search Notes Preferences Help

Maingate Metering Board

The diagram illustrates the Maingate Metering Board system. It includes a 'Water Inlet' on the left, a 'From Gearbox' connection at the top, and a 'Maingate Cooling Water Metering Board' at the top center. A flow meter is shown with a 'Set Flow to 56 Lit/min' label. A 'Solenoid Valve' is connected to the system. Two output lines are labeled 'To Sprays' and 'To Motor'. A red circle with the number 19 highlights a specific connection point on the 'To Motor' line.


Item	Part Number	Description
<input type="checkbox"/>	4	ACC-D12 3/4" Bor
<input type="checkbox"/>	10	R4-SFM12 NB20 Re 45 degre
<input type="checkbox"/>	17	R9-SFM06 NB10 Re 90 degre
<input checked="" type="checkbox"/>	19	R9-SFM12 NB20 Re 90 degre
<input type="checkbox"/>	23	RBV-SFM12/LOC NB20 Re Valve, Lo
<input type="checkbox"/>	56	RTA-SF12P12 NB20 Re Male Ad
<input type="checkbox"/>	71	RT-SFFM12 NB20 Re Swivel T
<input type="checkbox"/>	127	AT512-0.4-12RM Hose As: Rapid M.
<input type="checkbox"/>	134	AT512-0.65-12RM Hose As: Rapid M.
<input type="checkbox"/>	154	AT512-1.6-12RM Hose As: Rapid M.
<input type="checkbox"/>	163	AT512-2.2-12RM Hose As: Rapid M.
<input type="checkbox"/>	164	AT512-2.3-12RM Hose As: Rapid M.
<input type="checkbox"/>	186	AT512-4.5-12RM Hose As: Rapid M.
<input type="checkbox"/>	258	AT512-4-12RM Hose As: Rapid M.
<input type="checkbox"/>	RS-06	NB10 Re
<input type="checkbox"/>	RS-12	NB20 Re

Reference: 61500 Page: 01-06-15

HOW IS THIS INFORMATION BEST MANAGED?

- CHECKS AND BALANCES AT STRATEGIC CHECK POINTS (ITP)

QP 22/01

		INSPECTION & TEST PLAN Longwall Services			Issue No.: 1 Date: 3/10/2001 Page 1 of 1 Authorised By: Michael Keinert				
Inspection and Test Plan No.: 01		Job No.: Oaky Creek No.1		Component / Subassembly/Assembly Longwall Services		Qty: 1		Customer: Oaky Creek Coal	
Item No.:	Process Name / Description	Critical Characteristics	Acceptance Criteria / Tolerance	Process Control / Inspection and Test Hold Points	Inspection and Test Method	Technical Reference Documents	Action	Signature	
1	Manufacturing	Conform to Manufacturing Specs	As per Drawing Tolerances and Standards	Progressive during Manufacture	Visual, Measuring	Drawings, Standards	AGA Sub.	R	
2	Material Verification and Traceability	Conform to Material Specifications	Steel Certificate	Incoming Inspection	Visual	Drawings	AGA Sub.	R	
3	Critical Dimensions	Tolerances	As per Drawing Tolerances	Progressive	Measuring Equipment	Drawings	AGA Sub.	R	
4	Welding, NDT Procedures	Welding Standards Welder Qualification	Welding Procedures	Progressive	Visual, NDT	Drawings, Standards	AGA Sub.	R	
5	Hose Assembly	Conform to AGA Assembly Manual	Pass all Check Points	Refer to W.I.01	Visual, Measuring Equipment	W.I.01, Standards	AGA	R	
6	Proof Testing	Conform to Hose Spec DIN 20024	Conform to AS1180.5b and NCB174/1991	Progressive during Testing	Visual, Test Equipment	QP 9.4	AGA	R	
7	Plating	Conform to AS1789/1994	Plated to Fe/Zn 25cD	Progressive during Plating	Visual, XRF Sectioning and Measuring	AS1789/1994	AGA Sub.	R	

LEGEND R = RECORDS
 W = NOTIFICATION OF WITNESS POINT
 H = HOLD POINT (MANDATORY)

ITNP-Alfagomma-2001

HOW IS THIS INFORMATION BEST MANAGED?

- BENCHMARK EQUIPMENT ON SITE
- ON GOING ANALYSIS

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

- CONSTANT AND EFFECTIVE COMMUNICATION BETWEEN ALL STAKEHOLDERS
- COMPETANCIES, TRAINING AND DEVELOPMENT OF PEOPLE
- REGULAR AUDITS OF HOSES AND EQUIPMENT
- CLEAR AND CONCISE OPERATIONAL INSTRUCTIONS FOR EQUIPMENT SUPPLIED
(*PLEASE SEE FOLLOWING EXAMPLES*)

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

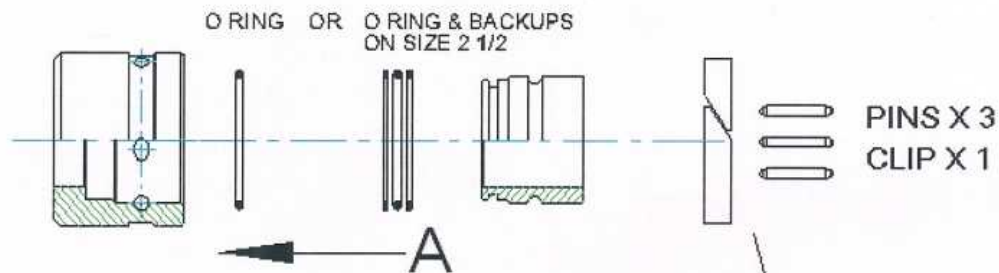


COMPACT - 3 PIN COUPLING

ASSEMBLY INSTRUCTIONS

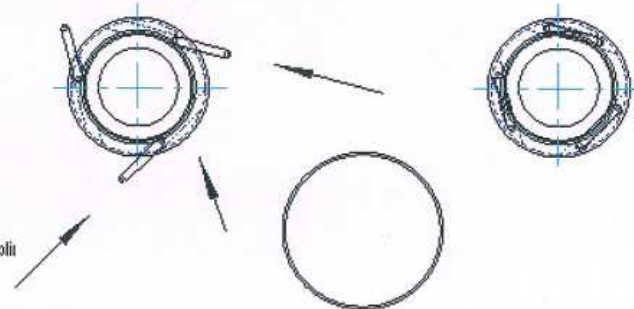
COVERS SIZES

SIZE	DASH	WORKING PRESSURE
1 1/4"	20	140 Bar
1 1/2"	24	140 Bar
2"	32	140 Bar
2 1/2"	40	140 Bar



- 1 Place O ring or O ring and backup washers on fitting as shown
- 2 Place retaining clip over the end of the hose assembly
- 3 Insert fitting all the way into the coupling
- 4 Insert all three pins in at the same time as shown
- 5 Using a punch insert the pins in fully working around the coupling as you go
- 6 Pull retaining clip towards adaptor coupling until it locates in the recess at the front of the female couplin covering the retaining pins

NOTE: Never reuse staple or pins on refit

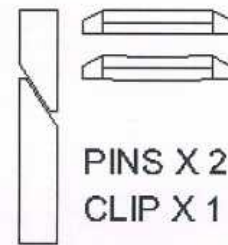
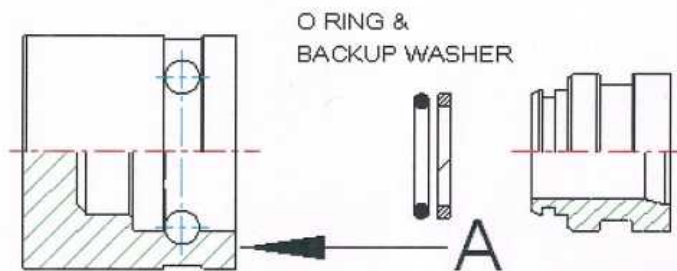


View A

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

ALFAGOMMA

SUPER - 2 PIN COUPLING



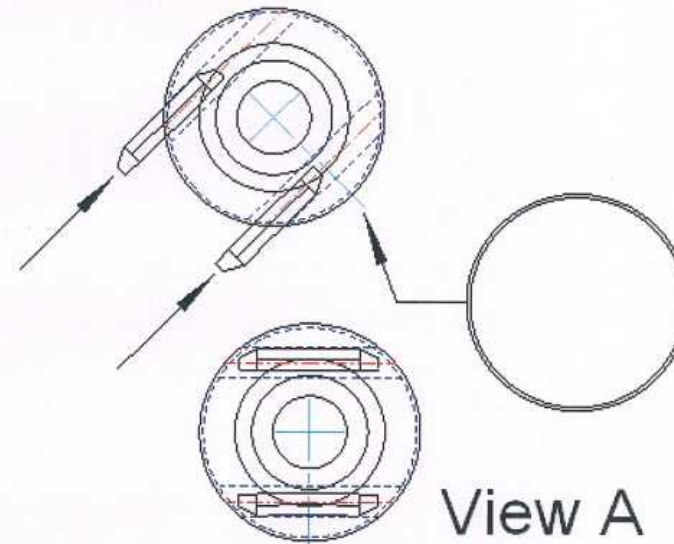
ASSEMBLY INSTRUCTIONS

COVERS SIZES

SIZE	DASH	WORKING PRESSURE
1/2"	08	420 Bar
3/4"	12	420 Bar
1"	16	420 Bar
1 1/4"	20	420 Bar
1 1/2"	24	420 Bar
2"	32	350 Bar
2 1/2"	40	350 Bar

- 1 Place O ring and backup washers on fitting as shown
- 2 Place retaining clip over the end of the hose assembly
- 3 Insert fitting all the way into the coupling
- 4 Insert both pins in at the same time as shown
- 5 Using a punch insert the pins in fully working across the coupling as you go
- 6 Pull retaining clip towards adaptor coupling until it locates in the recess at the front of the female coupling covering the retaining pins

NOTE: Never reuse staple or pins on refit



ALFAGOMMA

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

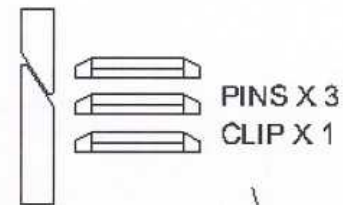
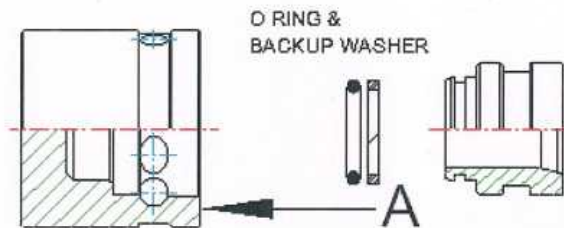
 **ALFAGOMMA**

SUPER- 3 PIN COUPLING

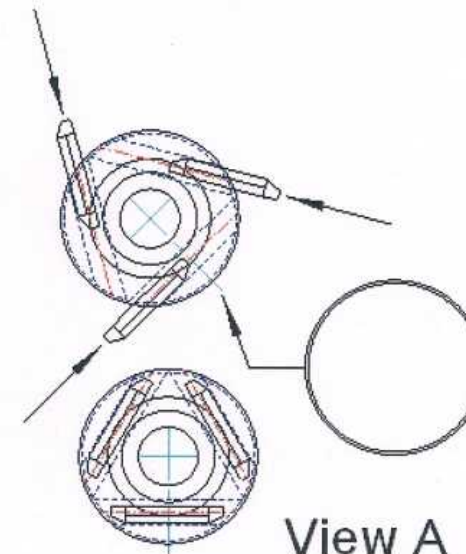
ASSEMBLY INSTRUCTIONS

COVERS SIZES

SIZE	DASH	WORKING PRESSURE
1 1/2"	24	420 Bar
2"	32	420 Bar



- 1 Place O ring or O ring and backup washers on fitting as shown
- 2 Place retaining clip over the end of the hose assembly
- 3 Insert fitting all the way into the coupling
- 4 Insert all three pins in at the same time as shown
- 5 Using a punch insert the pins in fully working around the coupling as you go
- 6 Pull retaining clip towards adaptor coupling until it locates in the recess at the front of the female coupling covering the retaining pins

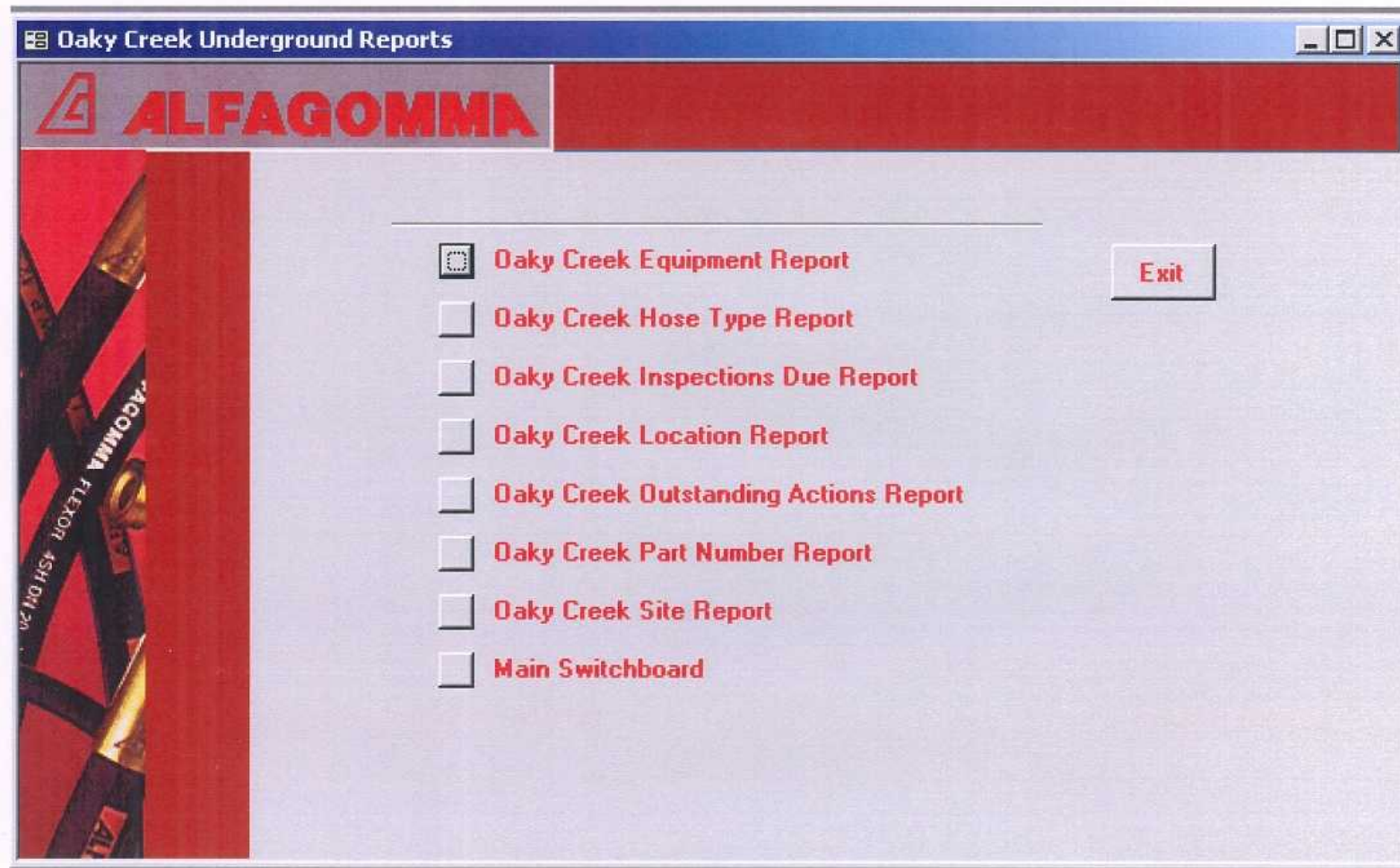


NOTE: Never reuse staple or pins on refit

 **ALFAGOMMA**

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

- MEANINGFUL REPORTING MODELS



WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

- MEANINGFUL REPORTING MODELS

UG MIM Oaky Creek Form : Form

ALFAGOMMA INSPECTION AND EVALUATION FORM

Oaky Creek Site: OAKY CREEK

Customer Code: OCNT Inspection Date: 29-Jul-04

Location: UNDERGROUND

Equipment: BSL Equipment Number:

Unit: BSL Unit Location: BSL - SERVICE STATION

Comment: ASSY TO AUX MANIFOLD

Plant Number: Fleet Number:

Fixed/Mobile: Fixed Part Number: AT5S16-3.5-16RM

Customer Stock Code: NON STOCK ITEM Drawing Number: 401

Hose Number: 22184 Hose Type: ALFATECH 5000 SUPERTUFF

Hose ID: DN25

End Fitting 1: MALE STD STAPLE End Fitting 2: MALE STD STAPLE

Clamp 1: TYPE 204 Clamp 2: TYPE 204

Overall Length (mm): 3500

Applic: HYDRAULIC PRESSURE

Operating Temperature: AMBIENT Normal Working Pressure: 350 BAR

Maximum Working Pressure: Conveyed Material: SOLCENIC

Inspection Tag Number: 22184 Checked By: WES CARLTON

Evaluation: OK Action Required: Monitor

Action Required by Who: ALFAGOMMA Action Required by Date: 12-Aug-04

Action Completed:

Action Completed Date:

Record: 1 of 3

WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

- MEANINGFUL REPORTING MODELS



Oaky Creek Inspections Due Report

Next Inspection Date	Site	Inspection Date	Equipment
12-Aug-04	OAKY CREEK	29-Jun-04	LONGWALL
12-Aug-04	OAKY CREEK	29-Jun-04	LONGWALL
12-Aug-04	OAKY CREEK	29-Jul-04	BSL



Inspection Date	Equipment	Unit
29-Jun-04	LONGWALL	MONORAIL
29-Jun-04	LONGWALL	MONORAIL
29-Jul-04	BSL	BSL

Oaky Creek Site Report

Site:



Oaky Creek Part Number Report

Part Number:

Site	Inspection Date	Equipment	Unit	Unit Location	Hose Number	Evaluation	Action Required	Action Required by Date	Comments
OAKY CREEK	29-Jun-04	LONGWALL	MONORAIL	34-35	17229	Abrasion	PROTECTION	05-Jul-04	34-35 SLEEVE REQD
OAKY CREEK	29-Jun-04	LONGWALL	MONORAIL	35-36	17230	Cut	Repair	29-Jun-04	35-36 Failure Potential

Wednesday, July 07, 2004

Wednesday, July 07, 2004

Wednesday, July 07, 2004

Reported To: _____

Page 1 of 1



WHAT ELSE DRIVES EFFECTIVE HOSE MANAGEMENT?

- PROBLEM SOLVING APPROACH
- OVERALL COMMITMENT TO THE HOSE MANAGEMENT PLAN BY BOTH SUPPLIER AND CUSTOMER
- ACHIEVING MUTUALLY BENEFICIAL OUTCOMES

IN SUMMARY

- A HOSE MANAGEMENT PLAN MUST BE IN PLACE
- WITH FULL TRACEABILITY
- SUPPORTED BY A DATABASE
- REVIEWED REGULARLY FOR EFFECTIVENESS AND IMPROVEMENT OPPORTUNITIES

MDG 41
7.6 HOSE MANAGEMENT

THE GOAL

- TO REDUCE THE RISK OF PERSONAL INJURY AND OR PROPERTY DAMAGE / LOSS
- TO REDUCE OPERATING DOWNTIME
- TO MAINTAIN PEAK OPERATING PERFORMANCE