Mount Isa Mines

Level 4 Incident

Investigation Report

Uncontrolled movement of an anode transport truck resulting in a roll over

Department	Refinery, Port & Logistics
Location	Mount Isa - Container Park Haul Road
Incident Date	16th March 2011
BSafe Incident Number	127178
Accountable Manager	Merv Sharkey
Investigation Leader	Matthew Cain
Investigation Team	Refer to Section 4 of this report.

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1 Executive Summary

This report explains the events surrounding the truck rollover that occurred on the 16th March 2011 on the section of road between the GFM Haul Road and the QR Terminal, included are recommendations to prevent incident recurrence.

The Contract truck driver, s78B(2) - Privacy is an employee of CRT. The CRT Group is a subsidiary of and is managed by ARG to provide logistical transportation of products between Mount Isa and Townsville.

On the evening of the 16th March 2011 s78B(2) - Privacy was preparing to commence the first night shift of his roster.
s78B(2) - Privacy

On completion of his pre-start of truck CRT739 and trailer QR8B, it was identified that the truck headlight and one tyre required repair prior to being put into operation. Once the repairs had been rectified s78B(2) - Privacy proceeded to the Copper Smelter to receive his first load for the night. After a half hour wait for the anode casting to be completed, the copper smelter personnel loaded the truck with anode for transportation to the QR terminal.

s78B(2) - Privacy left the copper smelter at about 9.45pm and proceeded on the route back to the QR Terminal. After exiting the Haul Road (and entering the access road to the QR terminal) s78B(2) - Privacy passed another CRT truck driving out from the terminal and being operated by Laurence Chambers.

A short time after passing the other truck s78B(2) - Privacy truck left the gravel roadway and rolled over onto the roof of the truck. Quentin Preston (the dayshift supervisor) was heading back to the QR terminal after attending a separate call out when he came across the truck roll over at approximately 10.15pm.

Quentin attended the emergency and called Doug Gorman who arranged for the ambulance to attend (QAS). s78B(2) - Privacy after Quentin released him from the cab of the truck, so Quentin transported him to the Barkly Highway intersection to Section 78B

s78B(2) - Privacy was transported to the s78B(2) - Privacy

The investigation was complicated by s78B(2) - Privacy subsequent to leaving the copper smelter. The Driver was interviewed the day after the incident and at two subsequent dates between the incident and the submission of this report. The direct cause of the incident is attributed to the truck deviating from the roadway with contributory factors including the drivers' choice of driving line, task familiarisation and centre of gravity of the load. Speed is not believed to be a contributory factor, however, whilst unproven, fatigue cannot be completely ruled out.

Systemic contributing factors of the incident relate to new starter/induction processes being missed, fit for purpose prime mover cabin and site access through the QR Terminal. Actions that address these factors are detailed in section 12 of this report.

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2 Contextual Information

The Port and Logistics Department is based in Townsville and is the service provider of bulk product movement on-site (from Mount Isa to the Townsville – Copper Refinery and Port Operations).

The Townsville Port Operations provides bulk product handling and ship loading to the Xstrata Copper and Zinc businesses. The facility also operates as commercial bulk product storage and loading operation handling third party concentrates and fertiliser.

One of the key movements of products is the copper anode. The anode is transported to the Townsville Copper Refinery from the Mt Isa Copper Smelter where it is further refined to 99.99% pure copper cathode.

The copper anode is initially transported by truck from the Mount Isa Smelter to the Mount Isa QR Terminal where it is loaded onto rail for movement to Townsville. It was during the movement of the anode from the smelter to the terminal that this incident occurred. The transportation is carried out by a contractor (CRT Group) which is managed by an on-site Xstrata representative.



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3 Investigation Terms of Reference

This incident investigation was conducted under the following terms of reference:

- Conduct the investigation in an objective and impartial manner without apportioning blame or liability
- Analyse the events preceding, during and immediately after the incident
- Identify the direct, indirect and system/cultural causes that contributed to the incident
- Identify corrective and preventative actions to eliminate the risk of recurrence

4 Investigation Team

The investigation team consisted of the following personnel:

Name	Position	Role / Area
Matt Cain	Acting Manager	Continuous Improvement
Merv Sharkey	Manager	Commercial & Logistics
Dave Mc Donald	Logistics Officer	Mount Isa
Adam Kuzmanovic	Safety & Training Advisor	Finance & Administration
Margot Healy	Senior Safety & Training Advisor	Finance & Administration

Input was also received from other personnel as required.

5 Investigation Methodology

The purpose of the investigation is to:

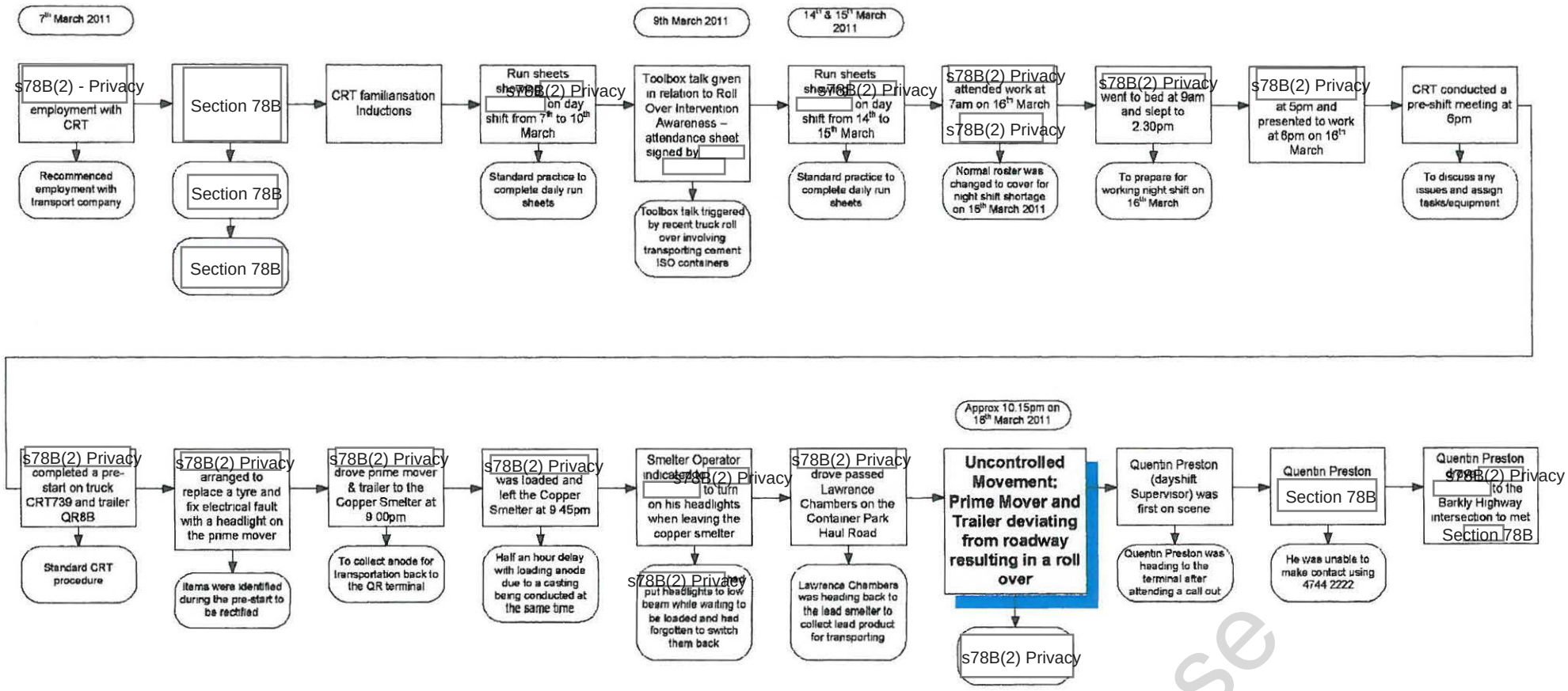
- Identify the direct, indirect and system/cultural causes of the incident
- Analyse the causes
- Provide recommendations to prevent recurrence

The methodology followed by the investigation team was as follows:

- Collection of photographic evidence of the incident site
- Gather relevant historical data
- Analyse the collected data
- Determine possible failure scenarios and validate
- Determine the direct, indirect and system/cultural causes
- Make recommendations to prevent recurrence and improve management systems

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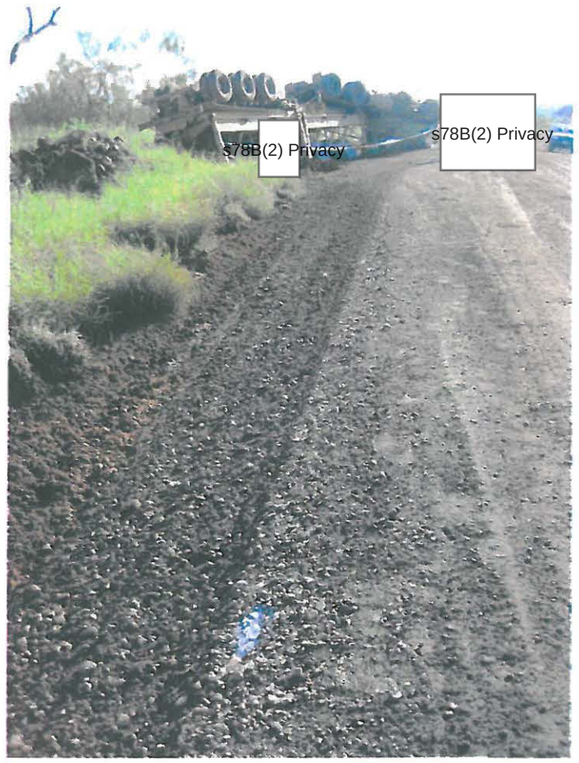
6 Sequence of Events



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7 Incident Scene



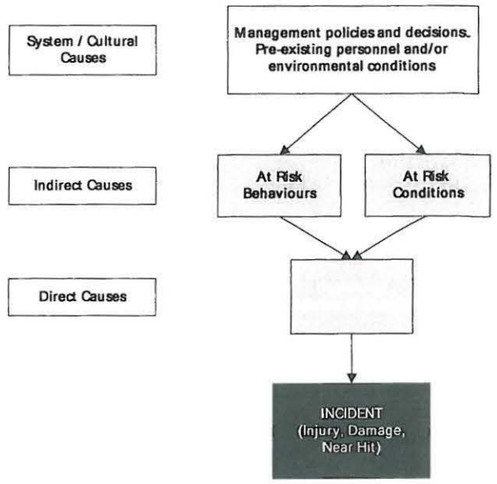




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8 Investigation Findings

A detailed analysis of any incident will normally identify three levels of failure that contributed to the event. These failure levels are the direct, indirect and system/cultural causes of the incident.



8.1 Direct Cause

The direct cause of an incident is an unplanned release of energy resulting in negative consequences.

- Truck deviating from the roadway

8.2 **Indirect Causes** (At Risk Behaviours and At Risk Conditions)

Indirect causes are the at risk behaviours that were performed and at risk conditions which existed that allowed the energy release to occur.

At Risk Behaviours

- Operator driving line was close to the left hand shoulder of the roadway
- Minimal supervision was provided for the Operator who had only been working for the contracting company less than a month
- Operators and Supervisors when questioned were unaware of speed limits for the Container Park haul Road

At Risk Conditions

- Potential high centre of gravity of when loaded with anode
- Potential that anode movement during transportation causes a shift in the centre of gravity
- There were no reflectors or cautionary road signs on sides of road to delineate road boundary
- There had been no equipment familiarisation for the Operator in relation to the equipment he was driving at the time of the incident

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8.3 System/Cultural Causes

System/Cultural causes are the result of management polices, systems, decisions or actions, that provide conditions in which at risk behaviours or at risk conditions may occur.

- No formal re-training for employees rejoining the company
- No risk assessment was available for transporting anodes
- Site access through QR Terminal is not managed in relation to security and cardex (including monitoring with random drug & alcohol testing and contractor card expiry dates)

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8.4 Absent/Failed Protection Systems

Protection systems are those defences/measures designed to prevent incidents from occurring, or managing the consequences of a failure.

Section 78B

Protection and Containment (limit the adverse consequences of any unplanned release of mass, energy or hazardous material)

- CRT personnel placed drums under truck to capture the small amount of diesel that was dripping out of the trucks fuel tank breather caps due to the truck being upside down resulting in minimal environmental exposure.

Control to a Safe State and Interim Recovery (restore people or equipment to a safe state with minimal injury or damage)

- Failed: Section 78B was transported from the scene approximately 3 kilometres to meet Section 78B at the intersection of the Barkly Highway and Northridge Estate.
- s78B(2) Privacy

Detection (provide clear warning of both the presence and nature of a potentially hazardous situation)

- Lack of signage including speed limit signs, reflectors to demarcate the road boundaries and cautionary road signs.
- Section 78B conducted at CRT as there is no security management of the site access through the QR terminal.
- Section 78B was completed on the Driver post incident.

Awareness (understand the nature and severity of hazardous conditions present at the worksite)

- Risk Management of fatigue did not consider that the Driver presented for dayshift on the 16th March Section 78B so that he was required to re-present for nightshift on the 16th March. s78B(2) Privacy

s78B(2) Privacy

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9 Incident Analysis Table

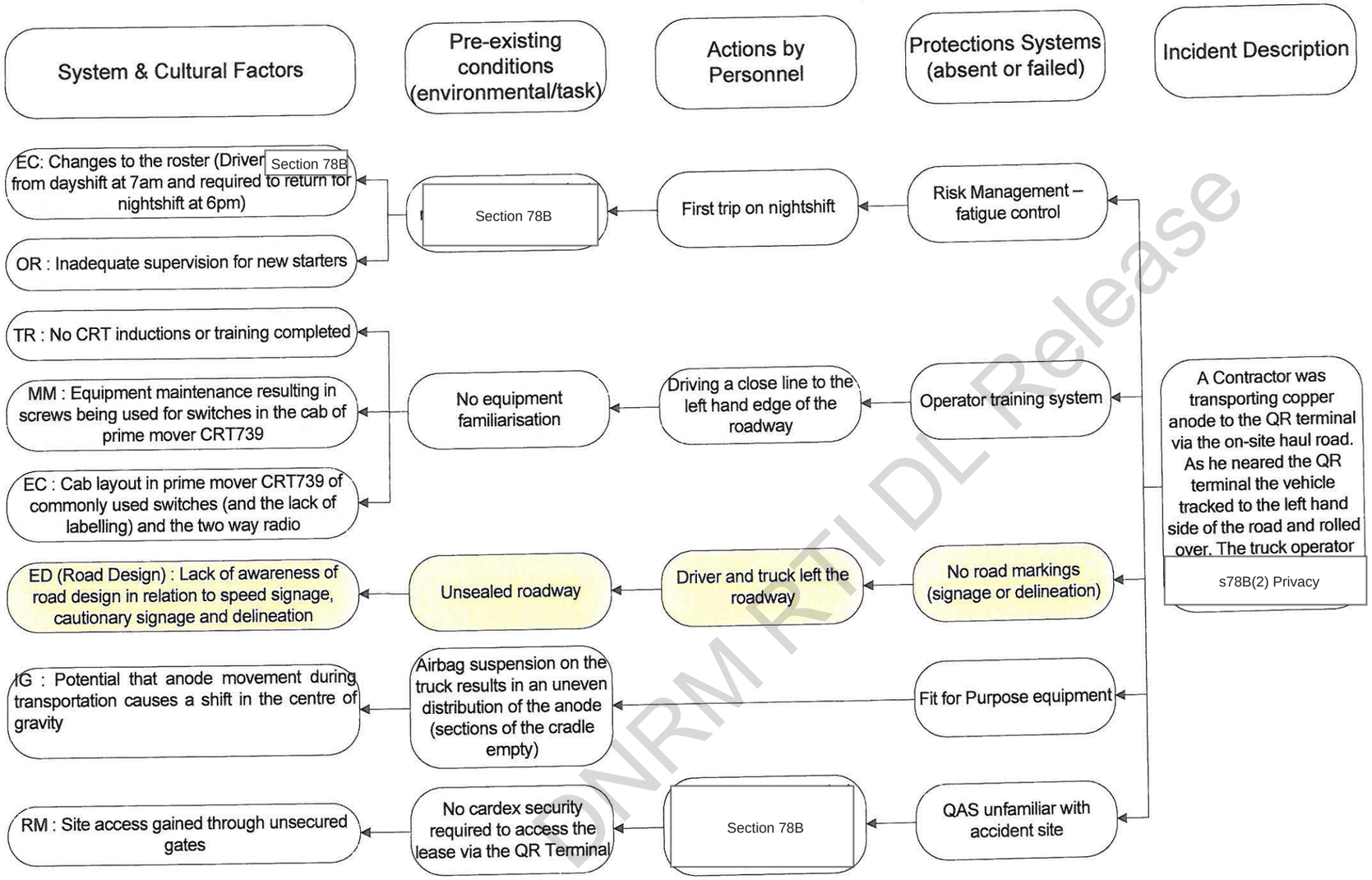
System and Culture Factors	Pre-existing Conditions (environmental/task)	Actions by Personnel	Protection Systems (absent or failed)	Incident Description	Known Facts
Error Forcing Conditions Inadequacies have been identified in relation to: Roster changes being conducted when [redacted] was rostered to be on dayshift on 16th March 2011 but Section 78B to come back for nightshift on the 16th March 2011. Cab layout of prime mover CRT739 in relation to the location of commonly used switches (and the lack of labelling) and the two way radio. Organisation Inadequacies have been identified in relation to supervision of new employee's with CRT: s78B(2) Privacy and had done 5 day shifts/2 off/ 2 day shifts) Training Inadequacies in relation to induction training and familiarisation of equipment for new employees' have been identified by: No CRT induction paperwork for s78B(2) Privacy No CRT equipment familiarisation paperwork for s78B(2) Privacy Maintenance Management Inadequacies have been identified as to the quality of equipment maintenance by: Photo evidence of poorly maintained switches in the cab of prime mover CRT739. Equipment Design (Road Design) Lack of awareness of road design may have affected the quality of the road in relation to: Appropriate speed signage, cautionary signage and delineation. Equipment Design (Trailer Cradle) Inconsistencies have been identified in relation to the stacking of anode in the cradles due to: Potential that anode movement during transportation causes a shift in the centre of gravity Uneven distribution of anode stacking in the trailer cradles due to equipment limitations. Risk Management Inadequacies have been identified in relation to site security by: Unrestricted access to site via unsecured gates through QR Terminal	One section of front anode carrier left empty (due to prime mover having air bag suspension) s78B(2) Privacy passed another truck driven by LC just before the incident s78B(2) Prevented by law [redacted] completed his last night shift Cab over truck configuration results in different seating position relative to the front steering wheels as opposed to bonnet truck cab	s78B(2) Privacy Driver and truck left the roadway First trip for the night s78B(2) Privacy driving line was close to left hand side of roadway	No reflectors to demarcate gravel road (800mm high shoulder) No signage (cautionary or speed limit signs) CRT Site access bypasses the cardex system s78B(2) Prevented by law driven by QP to Barkly Highway to Section 78B	A Contractor was transporting copper anode to the QR terminal via the on-site haul road. As he neared the QR terminal the vehicle tracked to the left hand side of the road and rolled over. The Section 78B Section 78B	s78B(2) Prevented by law s78B(2) Prevented by law Truck & Trailer recently inspected Driver and truck left the roadway Pre-start paperwork completed for nightshift 16th March 2011 Section 78B No reflectors to demarcate gravel road (800mm high shoulder) No signage (cautionary or speed limit signs) Damp road First trip for the night One section of front anode carrier left empty (due to prime mover having air bag suspension) Clear sky Accident occurred where there is an intersection/side track s78B(2) Privacy driving line was close to left hand side of roadway s78B(2) Prevented by law unsure of speed limit on that section of road s78B(2) Prevented by law has current HC licence s78B(2) Privacy s78B(2) Prevented by law was rostered to be on dayshift on 16th March 2011 but Section 78B to come back for nightshift No shift supervisor on nightshift QP (dayshift supervisor) was on site attending another call out No CRT induction paperwork for s78B(2) Prevented by law s78B(2) Prevented by law passed another truck driven by LC just before the incident s78B(2) Prevented by law had previously driven the truck on dayshift carrying anode & cement CRT Site access bypasses the cardex system Accident discovered at 10.15pm 2222 called at 10.24pm s78B(2) Prevented by law driven by QP to Barkly Highway to Section 78B

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System and Culture Factors	Pre-existing Conditions (environmental/task)	Actions by Personnel	Protection Systems (absent or failed)	Incident Description	Known Facts
Section 78B Section 78B for personnel entering the site through the QR Terminal					Tyre changed and headlight fixed on the prime mover on the night of 16th March 2011 Anodes are not tied down when loaded on the trailer carriage Cab over truck configuration results in different seating position relative to the front steering wheels as opposed to bonnet truck cab

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10 Incident Analysis Flowchart



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11 Emergency Response and Recovery

As a result of the incident the emergency response and recovery processes were reviewed:

Did wells:

- Leaking fuel managed quickly and effectively
- Recovery (including a JSEA) completed without incident and scene cleaned up

Do Differently:

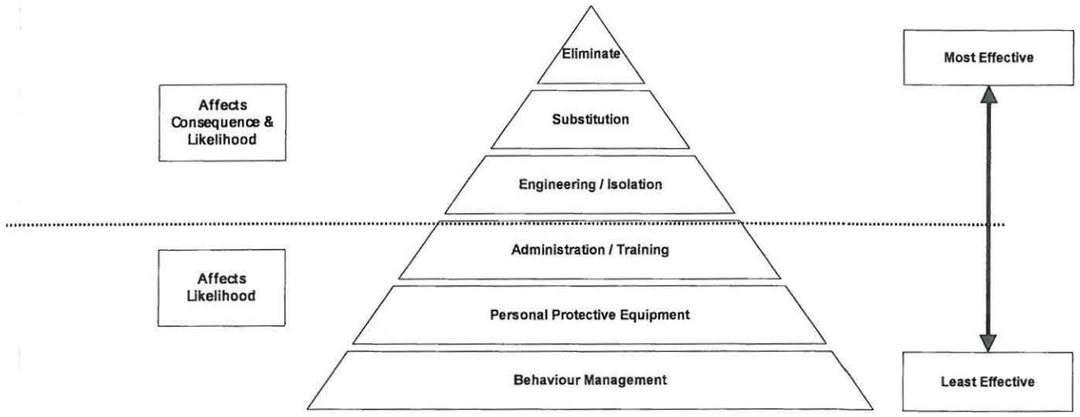
- Reinforce the importance of not moving casualties with potential spinal injuries
- Ensure nothing removed from incident scene by ensuring a sentry is made available either through site personnel or from the security contractor.
- Ensure evidence is not disturbed unnecessarily by Section 78B and investigation personnel e.g. tyre tracks being driven over.

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12 Recommendations

The recommendations in the table below were identified to reduce the risk of recurrence of this or similar incidents, to address deficient or absent systems and to establish cultural change.

It is the responsibility of the relevant Department and Divisional management teams to establish the requirements, resources and action plan with accountabilities and timeframes for the effective implementation of these recommendations.



12.1 Corrective and Preventative Actions

Immediate Actions Taken:

- Section 78B
- Section 78B
- Area was barricaded
- DEEDI notified

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What Actions are Necessary to Prevent a Recurrence?	Action Category e.g. Elimination	Person Responsible	Due Date	W/O / BSafe Action Number
Short Term				
Reflective "witches hats" placed on road boundaries for demarcation	Administration	Dave Mc Donald	completed	
Brief all CRT Drivers on speed limits on site and the requirement to drive to conditions	Administration	Dave McDonald	31/03/2011	
Complete JSEA for recovery of equipment	Administration	Dave McDonald NW Cranes	complete	
Gather evidence of training, equipment and daily work sheets from CRT in relation to the operator and equipment involved for the purpose of investigation	Administration	Adam Kuzmanovic	complete	
Install ERP at QR Terminal-site access gate and communicate to QAS,QFRS and site security	Administration	Darren Bracey	31/05/2011	
Conduct block D&A testing at CRT and report findings to CRT Xstrata Representative (Dave McDonald)	Administration	Dave Thomas	30/04/2011	
Install speed limit signs, roadside reflectors and cautionary signs on the Container Park Haul Road to Australian Standards.	Administration	Robbie Bethune	06/05/2011	
Intermediate				
Conduct an engineering review of: • the trailer height when carrying loaded anode racks the resultant centre of gravity • the requirement for securing anode to minimise load shift when transporting • The appropriate distribution of anode in cradle when loading up • safe working loads of CRT equipment for off highway transportation. Report findings to CRT Xstrata Contract Owner (Merv Sharkey) and provide evidence of implementation of recommendations	Engineering	Robbie Bethune	31/08/2011	
Audit CRT for compliance to their accreditation application focusing on organisational roles, communication processes, fatigue management and new starter programs and provide findings to CRT Contract Owner (Merv Sharkey)	Administration	Ally Real	31/08/2011	
Implement site access controls at Huddy's & QR terminal access points and communicate changes through the Change Management process	Engineering /Administration	Darren Bracey	31/08/2011	

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Long Term				
Investigate a road redesign to remove some of the bends and reduce the requirement for maintenance.	Engineering	Merv Sharkey	30/09/2011	

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Division:	Site:	Department:
Copper	Mount Isa	Refinery, Port and Logistics

Location of Incident:
Section of road between the GFM Haul Road and the QR Terminal

Date and Time of Incident:
16/03/2011 at 22.00 hrs

Type of Incident:
Section 78B ☒ Environment ☒ Property / Equipment
☐ Complaints ☐ Security ☐ Near Hit
☐ Business Risk

Level of Incident:
☐ 1 ☐ 2 ☐ 3 ☒ 4

Xstrata plc
☐ Critical Incident
☒ High Potential Risk Incident

Type of Injury (if applicable):
Section 78B

BSafe Number:
127178

☐ **Xstrata** ☒ **Contractor** Contracting Company (if applicable): CRT Group

Description of Incident: Travel (Journey) Yes ☐ No ☒
A Contractor was transporting copper anode to the QR terminal via the on-site haul road. As he neared the QR terminal the vehicle tracked to the left hand side of the road and rolled over. The truck operator s78B(2) Privacy

Preliminary Findings/Causes of Incident:
Truck deviating from roadway

Actual Consequences (injuries/environment/property equipment/financial impact):
s78B(2) Privacy damage to truck cab and trailer and minor release of diesel fuel

Potential Consequences (injuries/environment/property equipment/financial impact):
Section 78B

Person/s Involved (Name & Pay Number):
s78B(2) Privacy

Witnesses (Name & Pay Number):
N/A

Immediate Action/s Taken:
Section 78B
Area was barricaded
DEEDI notified

External Notification:
DEEDI

Media Attention:
N/A

Manager:	Superintendent:	Supervisor:
Merv Sharkey	Robbie Bethune	David McDonald

Investigation Team:
Matthew Cain, Merv Sharkey, Dave McDonald, Adam Kuzmanovic, Margot Healy

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INCIDENT DETAILS

Time into shift ☐ 25% or less ☒ 26% - 50% ☐ 51% - 75% ☐ 76% - 100% ☐ Overtime ☐ Over a period

Type of shift ☐ 8 hour d/n/a ☐ 10 hour day/night ☒ 12 hour day/night ☐ Other

ENERGIES

☐ Biological	☐ Chemical	☒ Mechanical (mobile)	☐ Biomechanical
☒ Gravitational (objects)	☐ Electrical	☐ Mechanical (fixed)	☐ Radiant
☐ Gravitational (people)	☐ Pressure	☐ Mechanical (vibration)	☐ Magnetic

HIGH HAZARD ACTIVITIES –

☐ Dive Activities	☐ Operation of Boats	☐ Operation of Light Vehicles
☐ Working Alone in Remote Areas	☐ Working at Heights	☐ Working in a Confined Space
☐ Working in Areas Demarcated as a Hazardous Area	☐ Working in or Entering Oxygen Deficient Areas (excl Confined Spaces)	☐ Working in the Vicinity of High Walls
☐ Working in the Vicinity of Mobile Equipment (Pedestrians)	☐ Working in the Vicinity of Non Mobile Load Shifting Equipment	☐ Working in the Vicinity of Rotating Machinery
☐ Working on Electrical Equipment	☐ Working on or in the Vicinity of Conveyors	☐ Working with Aircraft, either Fixed-Wing or Helicopter
☐ Working with Dangerous Goods	☐ Working with Electrical Welders	☐ Working with Explosives
☐ Working with High Risk Hygiene Hazards	☐ Working with Ignition Sources (Hot Work)	☐ Working with Molten Metals
☐ Working with or Around Automated Equipment (CRL)	☒ Working with or on Mobile Equipment	☐ Working with Pressurised Systems (Application)
☐ Working with Stored Energy (Contained)	☐ Working with Vertical Openings (Underground)	

INJURY/ILLNESS

Description s78B(2) Privacy

Type of Treatment

Section 78B

Classification of Injury

Section 78B

PROPERTY/EQUIPMENT DAMAGE

Description Damage to prime mover and trailer Asset/Equip. Number

Estimated Cost to Repair ($)

☐ 0 – 1000	☐ 1000 - 5000	☐ 5000 - 10000	☐ 10000 - 20000
☐ 20000 - 50000	☒ 50000 - 100000	☐ 100000 – 1 M	☐ > 1M

Estimated Down Time

☐ < 12 hrs	☐ 12 – 24 hrs	☐ 1 – 7 days	☒ > 7 days

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SECURITY

☐ Trespassing ☐ Breaking and entering ☐ Theft of XSTRATA assets ☐ Vandalism
☐ Act by minority groups ☐ Threatening calls/letters ☐ Other Estimated Value $

COMPLAINT

☐ Negligible ☐ Minor ☐ Moderate ☐ Serious ☐ Disastrous

ENVIRONMENT

☒ **Negligible** ☐ **Minor** ☐ **Significant** ☐ **Serious** ☐ **Disastrous**

Incident Type

☒ Fuel/Oil Spill	☐ Concentrate/Chemical Spill	☐ Tailings Spill
☐ Dust Emission	☐ Fresh Water Release	☐ Equipment Failure
☐ Process Water Release	☐ Storm Water Release	☐ Sewage Release
☐ Gas / Fume Emission	☐ Equipment Failure	☐ Flora / Fauna
☐ Unauthorised Land Clearance	☐ Waste Disposal	☐ Material storage
☐ Noise		

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Investigation Sign Off	Comments
Investigation Team Leader Matthew Cain Signature 49-Sch4 Date 14/4/11	
Agreement of Actions	**Comments**
Person Involved Natalie Garbellini Signature 49-Sch4 Date 15/04/11	
Xstrata Superintendent Robbie Bethune Signature 49-Sch4 Date 14/4/11	
Xstrata Manager Merv Sharkey Signature 49-Sch4 Date 16/4/11	
Contractor Manager Doug Gorman (CRT) Hillam (ARG) Signature 49-Sch4 Date 15/4/11	
Xstrata General Manager Mark Roberts Signature 49-Sch4 Date 15/4/11	

Investigation Review and Closure	Comments
Xstrata Safety Advisor Margot Healy Signature 49-Sch4 Date 18/4/11	

ENSURE THE FOLLOWING DOCUMENTATION IS ATTACHED

FRM-118002 Sequence of Events

FRM-118003 Safety Alert

FRM-118004 Incident Investigation Statement Form/s

FRM-118008 Photolog

FRM-118005 Incident Investigation Checklist

FRM-118019 Incident Investigation Evidence Log

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Safety Alert

FRM-118003

Profit Centre: **Refinery, Port & Logistics**

Department: Transport

Location: Container Park Haul Road

Safety Alert: Uncontrolled movement of truck (roll over)

Incident Date: 16th March 2011

Incident Time: 10.00pm

Incident Number: 127178

Description:

A Contractor was transporting copper anode to the QR terminal via the on-site haul road. As he neared the QR terminal the vehicle tracked to the left hand side of the road and rolled over. The truck operator received Section 78B s78B(2) Privacy

Lessons Learned:

Contract Owners must actively manage contractors to ensure compliance with safety management systems, including regular workplace observations and training compliance inspections.

Corrective & Preventative Actions:

1. Brief all CRT Drivers on the incident and appropriate speed limits on site
2. Install ERP at QR Terminal-site access gate and communicate to QAS, QFRS and site security
3. Implement site access controls at Huddy's and QR Terminal access points and communicate changes through Change Management process
4. Install speed limit signs, roadside reflectors and cautionary signs on the Container Park Haul Road
5. Audit CRT for compliance to their accreditation application including organisational roles, communication processes, fatigue management, and new starter programs
6. Conduct an engineering review of current equipment and methodology for anode transportation from the copper smelter to the QR terminal.



s78B(2) Privacy

For further information contact;

Contact: Merv Sharkey **Phone:** 4781 8210

Email: 49-Sch4

Process Owner: Safety & Health Mgr	Verifiers: L Hannah, A Cain	Status: Approved	Rev No.: 8.0	Issue Date: 28/10/2010	Page: 1 of 1

Unless stamped in RED, this is an 'Uncontrolled Document'

DOMRT DL Release

Incident Date/Time: March 16th 2011 at 10.15pm
Incident Number: 127178
Photographer: M. Healy
Film Roll Number:

Photo	Time/Date	Details	Reference Point	Distance / Aspect
1	17/03/2011	Looking east showing drivers line as the vehicle left the roadway	IMG_0563.jpg	
2	17/03/2011	Looking east showing final position of the vehicle after rolling	IMG_0611.jpg	
3	17/03/2011	Looking north-east showing dig marks in the ground and positioning of anodes	IMG_0688.jpg	
4	17/03/2011	Looking north-west showing condition of cab	IMG_0556.jpg	
5	17/03/2011	Looking east showing dig marks of caused by the rear of the trailer	IMG_0560.jpg	
6	17/03/2011	Looking north showing condition of cab	IMG_0557.jpg	
7	17/03/2011	Looking north-east showing positioning of anode	IMG_0688.jpg	
8	17/03/2011	Looking south-east showing final position of the vehicle after rolling	IMG_0686.jpg	
9	17/03/2011	Looking inside the cab - drivers side - where the driver exited from	IMG_0648.jpg	
10	17/003/2011	Looking inside the cab at various switches that have been modified	IMG_0712.jpg	
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Comments:

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Photographs in relation to Incident 127178 occurring on 16th March 2011

Photos taken by M. Healy on 16th March 2011

49-Sch4 signed 11 / 4 / 11 date

(M. Healy)

IMG_0563.jpg





IMG_0611.jpg

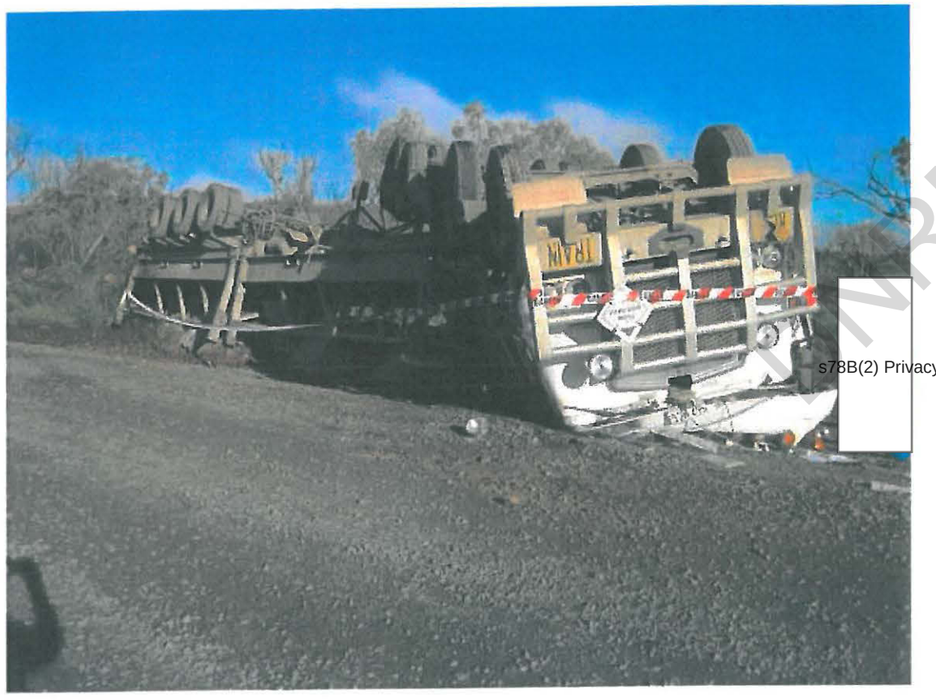
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Photographs in relation to Incident 127178 occurring on 16th March 2011

IMG_0688.jpg



s78B(2) Privacy



s78B(2) Privacy

IMG_0556.jpg

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FOI/RM RTI DL Release

Photographs in relation to Incident 127178 occurring on 16th March 2011



IMG_0560.jpg



IMG_0557.jpg

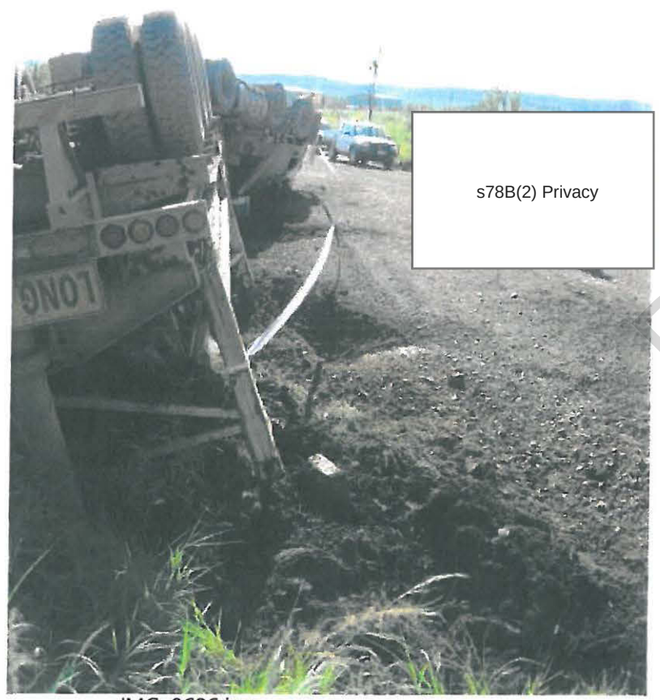
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Photographs in relation to Incident 127178 occurring on 16th March 2011

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IMG_0686.jpg

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IMG_0648.jpg





IMG_0712.jpg

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Severity 1/2	Severity 3	Severity 4	Action	✓ / ✕	Sign Off
			Take steps to secure the incident scene	y	Supervisor
			Initiate post incident actions	y	Supervisor
			Identify potential witnesses	y	Supervisor
			Determine incident severity	y	Supervisor
			Initiate notification process (verbal and written)	y	Supervisor
✓	✓	✓	Appoint Investigation Team	y	Supt/Manager/General Manager
✓	✓	✓	Conduct incident scene inspection	y	Inv Team Leader
✓	✓	✓	Interview witnesses and any other relevant personnel	y	Inv Team Leader
✓	✓	✓	Collect required data	y	Inv Team Leader
	✓	✓	Build Sequence of Events	y	Inv Team Leader
✓	✓	✓	Identify incident causes	y	Inv Team Leader
✓	✓	✓	Determine corrective actions	y	Inv Team Leader
✓	✓	✓	Complete Incident Notification and Investigation Report Form	y	Inv Team Leader
	✓		Complete Level 3 Incident Investigation Report Form	n/a	Inv Team Leader
		✓	Complete Detailed Investigation Report	y	Inv Team Leader
	✓	✓	Management reviews report	y	Manager/General Manager
	✓	✓	Check corrective action responsibilities and timings	y	Manager/General Manager
	✓	✓	Management sign off report	y	General Manager/Site Senior Executive
	✓	✓	Deliver results of Investigation to Senior Management Team (if required)	y	Manager
	✓	✓	Develop and forward Safety Alert to the Safety & Health Dept for publishing on the Intranet	y	Manager
✓	✓	✓	Investigation report analysed	y	Investigation Analysis Team Leader
	✓	✓	Risk register reviewed against findings of the investigation to identify any required changes to the register	y	Manager
✓			Safety Advisor to assess the quality of investigation report	n/a	Senior Safety Advisor / Investigation Team Leader
	✓	✓	Senior Safety Advisors to assess the quality of investigation report	y	Safety Advisor / Investigation Team Leader
✓	✓	✓	Collate and forward all original report information to the Safety & Health Dept	y	Manager
	✓	✓	Collate and forward a copy of report information to relevant government bodies and the Compliance Dept	y	Manager

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Incident Number: 127178

The following evidence was analysed from the following categories: Personnel, Work Environment, Equipment, Procedures and Systems and Culture.

Number	Date of Handover	Evidence Collector	Type of Evidence (e.g. correspondence, risk assessments, etc)	Evidence Category	Details of Evidence	Relevant (attach if relevant)
01	17/03/2011	AK	Toolbox attendance	Personnel	Toolbox meeting attendance records 02/03/2011, 24/02/2011	y
02	17/03/2011	AK	Toolbox attendance	Personnel	Toolbox meeting attendance records 09/03/2011	y
03	17/03/2011	AK	Time Sheet	Personnel	Timesheet for s78B(2) Privacy 07/03/11-11/03/11 and 14/03/11-15/03/11	y
04	17/03/2011	AK	Registration details	Equipment	Prime mover registration details	y
05	17/03/2011	AK	Service records	Equipment	Prime mover service records (printout) 24/07/07 - 21/09/10	y
06	17/03/2011	AK	Service records	Equipment	Trailer servie reocrds (printout) 18/12/07 - 22/09/10	y
07	17/03/2011	AK	Fault report	Equipment	Various fault reports dating from 07/10/10 to 14/03/11	y
08	17/003/2011	AK	Driver report	Personnel	Driver hours report s78B(2) Privacy 16/02/11 - 16/03/11	n
09	17/03/2011	AK	Workshop report	Equipment	Prime mover workshop report 01/10/10 - 24/02/11	y
10A,B,C	17/003/2011	AK	Time Sheets	Personnel	Various time sheets for February & March	n
11A,B,C	17/03/2011	AK	Carbon copy book	Procedures	Invoice book from the truck documenting the anode pick up from the smelter	n
12	17/03/2011	AK	Forms	Equipment	Communciations (some hand written) found in prime mover cab post incident	y
13	17/03/2011	AK	Email	Systems	Email correspondance post incident - regarding suspension of CRT Operations	y
14	22/03/2011	AK	Training record	Personnel	Ellipse print out of s78B(2) Privacy training records	n
15	22/03/2011	AK	Training record	Personnel	Ellipse print out of s78B(2) Privacy training records	y
16	22/03/2011	AK	Training record	Personnel	Ellipse print out of s78B(2) Privacy training records	n

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17	22/03/2011	AK	Medical record	Personnel	s78B(2) Privacy	y
18	22/03/2011	AK	Statement	Personnel	Timeline statement from Section 78B (not signed)	y
19	22/03/2011	AK	Statement	Personnel	Timeline statement from Section 78B (not signed)	y
20	17/03/2011	AK	JSEA	System	North West Cranes – JSEA for vehicle recovery	y
21	22/03/2011	AK	Training record	Personnel	Generic induction s78B(2) Privacy	y
22	21/03/2011	AK	Medical record	Personnel	Work capabilities certificate – s78B(2) Privacy	n
23	22/03/2011	AK	Medical record	Personnel	Pre-employment record –	y
24	21/03/2011	AK	Medical record	Personnel	s78B(2) Privacy	n
25	22/03/2011	AK	Medical record	Personnel	s78B(2) Privacy	n
26	22/03/2011	AK	Roster	Personnel	CRT roster February & March 2011 - s78B(2) Privacy	y
27	22/03/2011	AK	Investigation report	System	QR/CRT investigation report (initial report)	y
28	22/03/2011	AK	Work Instruction	Procedures	CRT Copper Anodes SWP	y
29	17/03/2011	AK	Medical record	Personnel	Section 78B	n
30	22/03/2011	AK	Toolbox attendance	Personnel	Toolbox meeting attendance record 16/03/2011	y
31	22/03/2011	AK	Correspondence	System	CRT memo detailing actions put in place by CRT post incident	y
32	22/03/2011	AK	Cardex	Personnel	Cardex security tag (photocopy) for s78B(2) Privacy	n
33	04/04/2011	AK	Licences	Personnel	Various licences (truck, excavator, EWP etc) for s78B(2) Privacy	y
34	04/04/2011	AK	Pre-start	Equipment	Equipment pre-start completed by s78B(2) Privacy (not correctly dated)	y
35A,B,C	04/04/2011	AK	Accreditation documents	System	CRT accreditation documents including copies of Safety Systems	y
36	22/03/2011	DB	Medical record	Personnel	Ambulance report	y
37A,B	25/03/2011	DMCD	Aerial Photo	Work Environment	Aerial photo's showing Container Park Haul Road	y
38A,B	06/04/2011	MC	Photo & email	Equipment	Email & photo evidence in relation to safe working load of the trailer	y
39	25/03/2011	MC	Email	Work Environment	Correspondence with BSOC regarding lighting plant position	n

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					posing potential hazard when driving at night	
40	25/03/2011	AK	Cardex	Personnel	Site access security form for s78B(2) Privacy	y
41	11/04/2011	MC	Interview Summary	Personnel	Interview summaries taken by Matt Cain during the course of the investigations	y

DNRM RTI DL Release

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CRTgroup

TOOL BOX MEETING ATTENDANCE RECORD

Location: Mount Isa

Date: 2/03/2011

Safety Interaction Training

Time: 11:30 am.

Print Name	Signature
GLEN THOMSON	49-Sch4
DONALD STEPHENSON	
Marcel Maxheson 3/3/2011	
Mick Dunn 3/3/2011	
Jan McMahon 3/3/11	
Dean Snellin 4/3/11	
NIGGL CRANE 8/3/11	
DANIEL KYLE 8/3/11	

DNRM RTI DL Release

CRTgroup

TOOL BOX MEETING ATTENDANCE RECORD

Location: Mount Isa

Date: 24/02/2011 **Safety Interaction Training**

Time: 16:00

Print Name	Signature
✓ CHRIS O'REILLY	
✓ JOSEPH CANIZARES	
✓ DARREN WRIGHT	
✓ RICK ANDREWS	
✓ Greg Elliott	
✓ Stan Jensen	
✓ Alex Eames.	
✓ LENNY MARSHALL	
✓ TERRY	
✓ Craig Bennett	
✓ G PARSONS	
✓ QUINTIN PRESTON	49-Sch4
✓ GLEN TAREICURA	
✓ REI EDWARDS	
✓ NEVILLE JOYNING	
✓ Doug Gowman	
✓ PAUL WILSON	
✓ CHRIS TROTT	
✓ JUSTIN MARVIN	
✓ DONNA McCORMACK	
✓ SHANE WILSON 01/03	
✓ Dave Peacock	

DNRM RTI DL Release

CRT MT ISA TOOL BOX MEETING SAFETY INTERACTION TRAINING	
Where: CRT W/SHOP 102 BARKLY HIGHWAY ISA	
When: 24/02/2011	
Present:	AS PER ATTENDANCE RECORD
Apologies:	
Meeting Time: 4.00PM	
Discussion of notes from the previous meeting	
Discussed as per below. NA	
Discussion of note from meeting	**Action**
Zero harm video training safety interaction watched by all	
Safety interaction: Gary spoke on this in general, positive outcomes, people become complacent, fatigue, speed, accidents occur. Safety interaction with staff should happen on a regular basis.	**Gary Jakovich**
Safety committee: Nominees as follows, Justin Martin, chris Trott, Quentin Preston, Doug Maddick, Ian Hoskins, Robert Rohwedder, Donna McCormack	**Gary Jakovich**
Uniforms: Workshop uniforms to be laundered by drycleaners because of excess grease, lead etc	**Justin Martin**
General discussion by all on how things are being achieved	

DNRM RTI DL Release

②

CRTgroup

TOOL BOX MEETING ATTENDANCE RECORD

Location: Mount Isa

Date: 09/03/2011

STOP WORK FOR SAFETY:

Time: 4.30PM

ROLLOVER INTERVENTION AWARENESS

Print Name	Signature
DONNA McCORMACK	49-Sch4
Graham Parson-	
Ken Cowman	
Sean Turner	
CHRIS O'REILLY	
DANIEL KYLE	
GLEN THOMSON	
Thea Fletcher	
NEVILLE JORDAN	
CARL SCOTT	
Robert Richardson	
Corey Jankovich	
[illegible]	
JOSEPH CAMILLERI	
Craig Bennett	
Murray Mackenzie	
TERRY Robson	
Kev MURPHY	
DONALD STEPHENSON	
Bill Ross	
Troy Saltmarsh	
Justin Martin	
[illegible]	
K SHAW	

DNRM RTI DL Release

CRTgroup

TOOL BOX MEETING ATTENDANCE RECORD

Location: Mount Isa

Date: 09/03/2011 **STOP WORK FOR SAFETY:**

Time: 4.30PM **ROLLOVER INTERVENTION AWARENESS**

Print Name	Signature
Jon Monahan	49-Sch4
Darren Wright	
NAT CARBELLINI	
NIGEL CRANG	
Greg Elliott	
HOWARDS	
REI EDWARDS	

DNRM RTI DL Release

Stop work for safety
Rollover intervention awareness

- Garry has notified that these meetings will be happening more often.
- There has been an incident that has happened in our company.
- CRT's changes in the company will be happening.
- We need to do reporting of everything that happens eg. a broken tail-light, if you were to trip over a wire & if you could change the way something is being done to be safer for all workers.
- Had made a note to all it is able how you act in your environment. It's little things like missing a step on your vehicle and now you have no kneecap.
- It is taking time to adapt to the change and accept and take it in & grown into this company but it will happen we all just have to work together and communicate communication is one of the biggest parts.
- Announces to 2 new supervisors Chris (local) & Quinton(line haul).
- If there is anything that you do not understand please ask you are better off asking and getting it right then doing it and never knowing if it was or it hurting someone down the line.
- COY have been all completed on all the fleet.
- Uniforms are being discussed and sorted by Donna & Doug.
- Garry has been speaking to shell & Bob Cadex to see why there have been so many rollovers to make it safer for all workers.
- Garry had then taken us through a slide show on heavy loads and the sorts of thing that can prevent rollovers and make us all a bit more aware of what they are doing are doing.
- Garry had informed all that if you know you are unfit to work you are to let us know do not just think its all going to be okay that might be the one time you slip up and had of wished you never went to work you are risking everyone's life when you come to work unstable.
- Doug and the supervisors are going to ask Xstrata and our driver what a safe speed is when on the Xstrata grounds & for when turning corners, for BDoubles, singles, road tankers then were going to agree on a speed and stick to it.
- If or when you have an accident please do not hesitate to call Doug, Chris or Quinton straight away.
- Mobile phone are not to be used in CRT vehicles whilst driving ever if the managers are call they can wait for you to get to where ever you are going to answer them/call them back.
- Prestart are to be done properly so when signed off it is then stating that the truck is fit or unfit to drive and make the diction.
- If a not fully qualified mechanics signs off on a vehicle saying is is fit to drive but you don't think so do you have the right to not drive the vehicle ?? Doug and Chris will be looking into that.
- Fault report are to be done every day there should be one each person a day recorded this has to pick up.
- EG c/n will be getting made up for employees to look at.

DARM RTI DL Release

Pages 39 through 46 redacted for the following reasons:
- -
s78B(2) Privacy

DNRM RTI DL Release

Queensland Government

Department of Transport and Main Roads

PM739 016

01/03/2011

CLONCURRY CSC
PO BOX 338, CLONCURRY
16-22 RAMSAY STREET ST
CLONCURRY 4824

With reference to your request, particulars of registration are as follows:

Details as at: 01/03/2011

Registration Number: 562MCG

Primary Customer: CRT GROUP PTY. LIMITED
Business Address: 51 PETERKIN STREET ACACIA RIDGE QLD 4110 AUS
Postal Address: PO BOX 334 ALTONA NORTH VIC 3025 AUS
Garaging Address: 102 BARKLY HIGHWAY MOUNT ISA QLD 4825 AUS

Vehicle Details

Make/Model:	KENWORTH K SERIES		
Body Shape:	PRIME MOVER	Colour:	WHI
Vin Number:	6F5000001A421365	Year of Manufacture:	2001
Engine Number:	7CZ01837	Odometer Reading:	193479
Number of Cylinders:	6	National Charge Code:	MC4
Seating Capacity:	2		
GVM:	28000		
GCM:	130000		
Tare:	9840		

Registration Details

Registration Status: Current
Due Date: 27/11/2011
CTP Insurer: SUNCORP METWAY INSURANCE LIMITED
CTP Class: 7

Warning - Any information which has been provided relating to any matter arising under the Motor Vehicle Insurance Act should in all cases be verified with the particular insurer before action is commenced. Information about vehicle details is the recorded information and may not be the actual current details on the vehicle
A person must not make a false or misleading statement in a document given under the Transport Operations (Road Use Management) Act 1995 or the Transport Operations (Marine Safety) Act 1994.
A penalty applies for false or misleading statements or for misuse of this information.

Yours sincerely

49-Sch4

Chief executive

PRINCIPAL CUSTOMER SERVICE OFFICER

DNRM RTI DL Release

Certificate of Inspection

Transport Operations (Road Use Management) Act 1995

Queensland Government
Queensland Transport

Date of Issue : 07/12/2010 Certificate Number: SA 14644839

Effective Date: 12/11/2010 Expiry Date: 11/11/2011

Motor Vehicle Details

Plate Number : 562MCC 1

Make : KENWORTH Body Shape : PRIME MOVER

VIN Number : 6F5000000C1A01965 Engine No : 7CC01827

GVM (Kg) : 28000 Reg Category: PRIME MVR ROAD TRAIN

GCM (Kg) : 130000

Registered Operator/s Details

CRT GROUP PTY. LIMITED
51 PETERKIN STREET
ACACIA RIDGE QLD 4110

Certification

This is to certify that the vehicle, particulars of which are set out in this certificate, was inspected in accordance with the provisions of the above mentioned Act and departmental guidelines on the issue date stated in this certificate and has no evident defect that would affect its safe use on the road.

This certificate is in force until the expiry date specified unless it is suspended or cancelled, or the registration of the vehicle is cancelled under the provisions of the said Act.

Inspector's Authority No: 290

District : VIDTOWNSVI

Inspector's Signature 49-Sch4

Note - Vehicle inspections undertaken by the Department of Transport and Main Roads are carried out to prescribed safety standards. The Department recommends an independent comprehensive assessment of the vehicle's condition prior to purchase.

Corporate Forms Form F3471
Aug 1997

DNRM RTI DL Release

Certificate of inspection
16 tonne and over RGVM

Just ROADWORTHY'S

Ph 0417 600 249

018

Owner and vehicle details

Vehicle Owner's name and address

Postcode

Plate No. *(if applicable)* | State | Unit No.

VIN/Chassis no.

Make | Model

Body Shape | Badge *(eg. Cargo)*

No. of cylinders | Fuel type *(if gas, a current gas certificate is required for registration purposes)*

Engine number

Compliance type *Give details*

Compliance Plate ☐ | Import Plate ☐ | Other ☐

Date on Plate | Vehicle Colour | Seating capacity

Left or Right hand drive? Left ☐ Right ☐

Tare | GVM | GCM

Speed limiter fitted?

Yes ☐ No ☐ Not applicable ☐

Results of inspection

Please indicate Pass ✓ Fail ✗

	1st Inspection	Final Inspection
Identification	☑	☐
Modifications	☑	☐
Seats & Restraints	☑	☐
Lights & Electrical Components	☑	☐
Windscreen & Windows	☑	☐
Body & Chassis	☑	☐
Steering & Suspension	☑	☐
Wheels & Tyres	☑	☐
Brakes	☑	☐
Engines & Drivelines	☐	☐
Exhaust Emissions	☐	☐
Road Test	☐	☐
Service Brake Test	☐ %	☐ %
Hand Brake Test	☐ %	☐ %

Details of other items rejected

1st Inspection

Result ☐

Inspection date / / | Inspection time : am pm

Odometer reading

Signature of Examiner | Examiner's no.

Final Inspection (must *not* be more than 14 days from date of 1st inspection)

Result ☐

Inspection date / / | Inspection time : am pm

Odometer reading

Signature of Examiner | Examiner's no.

Inspection Station details

Name and location

Postcode

Approved Inspection Station Number

Certification

Approved examiner - I have inspected the vehicle indicated on this form and found it had no defect that would affect its safe use of the road and it meets the requirements of the *Transport Operations (Road Use Management) Act 1995*.

Inspected by - Signature of Examiner | Date

Name of Examiner (please print) | Examiner's no.

Proprietor - I have ensured that the requirements of the *Transport Operations (Road Use Management) Act 1995* relating to the issue of this certificate have been complied with.

Issued by - Signature of Proprietor | Date

Name of Proprietor (please print)

DNRM RTI DL Release

C.R.T.'s MAINTENCE LOG
UNIT 16

5

Equipment Type **Vehicle**

Equipment	Date	Hours	Odo	Service
U16	24/07/07	0.0000	989,178	MAI - GENERAL

SERVICE

SERVICE, GREASE ALL POINTS, ADJUST ALL BRAKES, REPAIR AUTO GREASER LINES, REMOVE AND REPLACE FU LINES FOR ICE PACK, FOUND AIR VALVE LEAKING, REMOVE AIR LINES, VALVE, OLD FITTINGS FROM OLD VALVE INSTALL FITTINGS TO NEW VALVE, INSTALL NEW VALVE REINSTALL AIR LINES, CHECK OPERATION OK

U16	26/07/07	0.0000	0	MAI - GENERAL

GEARBOX

GEARBOX, FOUND GEARBOX LEAKING FROM OIL FILTER TO THE COOLER, REMOVED HOSE AND FABRICATE NEW HOSE, INSTALL HOSE BACK TO TRUCK, CHECKED GEAR BOX OIL AND FOUND ALL OK, FOUND GREASE LINE BROKEN OFF LH SHACKLE PINS, HAD NO JOINERS AVAILABLE, REMOVED FITTING AND INSTALLED NEW GREASE NIPPLES, FITTING ARRIVED TO BE REPLACED TEST OPERATION OK

U16	28/07/07	0.0000	989,178	MAI - GENERAL

SERVICE

SERVICE, DRAIN OIL AND REMOVE FILTER, REFILL OIL REPLACE FILTERS, CHECK GEARBOX AND DIFFS, REPLAC AIR VALVE ON REAR OF TRUCK, TEST OPERATION OK ON ONE OF THE TRAILERS DOESN'T SAY WHICH ONE FOU AIL LIGHTS INOPERABLE, SUPPLY AND INSTALL INSERT

U16	28/07/07	0.0000	989,178	MAI - GENERAL

SERVICE

U16	30/07/07	0.0000	989,178	MAI - GENERAL

SERVICE

SERVICE, INSTALLED NEW CAB JACK AND TWO NEW RIMS, TUNED ENGINE AFTER REBUILD, REPLACED OIL HOS FROM BLOCK TO COMPRESSOR, REMOVE BROKEN RADIATOR STAY, REPAIR RADIATOR STAY AND REINSTALL, C LOCKERS AND TOOL BOX SHICH WERE HARD TO OPEN, INTALLED NEW DRIVING LIGHT AND PROTECTORS, NEW JAKE BRAKE SWITCH, REPLACED TWO ROCKER BOXES, BUSHES AND BOLTS, ADJUSTED BRAKES CHECKED ALL LIGHTS TEST OPERATION, WELD SHOCKIE BRACKET

U16	31/07/07	0.0000	233	MAI - GENERAL

ENGINE

ENGINE BURNING OIL AND BREATHING, HEAVY, FOUND TO BE BREATHING HEAVY AND PUSHING OIL OUT OF BREATHER DIP STICK AND OIL FILLER, ENGINE HAD USED 15L OF OIL FROM CENTURY TO CLONCURRY, CHECKE NGINE BREATHER FOUND THAT IT IS NOT BLOCKED, CHECK AIR COMPRESSOR FOR OIL USAGE, COMPRESSOR PASSING SOME OIL BUT NOT ALOT, REMOVED EXHAUST MANIFOLD AND FOUND NO4 AND NO6 CYLINDERS VERY OILY ON HEAD PORTS AND IN MANIFOLD CHECKED TURBO FOR OIL LEAK, REMOVED CYLINDER HEAD, DID NOT FIND ANY MAIN DAMAGE IN CYLINDERS REMOVED SUMP AND PISTONS, DID NOT FIND ANY MAIN DAMAGE IN CYCLINDERS REMOVED SUMP AND PISTONS, DID NOT FIND ANY BRO9KEN PISTONS OR RINGS, THE ONLY PLACE OIL BURN OR BREATH HEAVY IS THE OIL COMING UP PAST THE RINGS AND COMPRESSOR INSTALLED 6CYLINDE ASSEBM. TO BLOCK WITH NEW BEARINGS, REFITTED SUMP WITH NEW GASKET, INSTALLED HEAD, TUNED ENGI FOUND CRACKED ROCKER AND REPLACED IT WITH NEW RUN ENGINE TEST DROVE OK, COMPRESSOR SEEMS T BE SLOW BUILDING UP AIR FITTED NEW COMPRESSOR FIT NEW DRIVING LIGHT, CLEANED DOWN TRUCK AS IT W3AS COVERED IN OIL TEST OPERATION OK

U16	31/07/07	0.0000	233	MAI - GENERAL

SUSPENSION

SUSPENSION, AIR BAG, FOUND DRIVE TYRE BLOWN OUT AND REMOVED AIR BAG, SUPPLY AND INSTALL NEW AI BAG, FOUND A BOLT MISSING ON SHOCK ABSORBER, DIDN'T HAVE BOLT ON IN STOCK REMOVED SHOCK ABSORBER WAIT FOR BOLT TO ARRIVE IN THE MORNING, ALL OK AT PRESENT

U16	23/08/07	0.0000	14,159	MAI - GENERAL

SERVICE

SERVICE, AS PER IFE SHEET, REMOVE AND REPLACE DRIVER SEAT, TEST OPERATION OK

COMMERCIAL IN CONFIDENCE
DL Release

U16	24/08/07	0.0000	19,129	MAI - GENERAL

ELECTRICAL

ELECTRICAL, TRAILER LIGHTS, FOUND TRAILER LAMP MALFUNCTION TROUBLESHOOT AND FOUND A LOOSE CONNECTOR ON THE TRAILER, HAD TO BEND BRACKET FOR PLUG FIX THE BRACKET AND REINSTALL PLUG TES OPERATION OK

U16	24/08/07	0.0000	9,151	MAI - GENERAL

SERVICE

SERVICE AS PER IFE SHEET, FOUND THAT THERE WERE SCREWS MISSING ON DASH, REPLACE TWO SCREWS UNDERNEATH DASH, ONE SCREW ON UPPER RIGHT HAND GARNISH, CHECK ENGINE BRAKE OK TEST OPERATIC OK, CHECK ENGINE OIL LEVEL, HEADER TANK AND RADIATOR FOR COOLANT LEVELS, ALL RADIAOTR AND HEAD TANK HOSES, OPERATION OF LIGHTS OK, ALL COMPONENTS IN ENGINE BAY, TENSION AND CONDITION OF ALL BELTS, GREASE ALL POINTS, CHECK DIFFS AND HUBS OIL LEVLES, TEST OPERATION OK

***DON'T KNOW WHAT TRAILER, FOUND TRAILER LAMPS SHORT TO POWER DUE TO POOR EEARTH FOUND A WOUNDED WIRE ON TRL PLUG ALSO FOUND PLUG TO BE DEFECTIVE, REPAIR WIRE AND REPLACE PLUG, SOLD' ALL PLUG CONTACTS AND CLEAN STRETCH TERMINALS AND TEST OK

U16	29/08/07	0.0000	18,287	MAI - GENERAL

SERVICE

ERVICE AS PER IFE SHEET, REMOVED ENGINE OIL AND REPLACED WITH NEW, REMOVE OIL FILTERS, FUEL FILTER, AIR CLEANER, SUPPLY AND INSTALL NEW OIL FILTERS, FUEL FILTERS, AIR CLEANER, REPLACED RELAY AIR CON SYSTEM AS IT HAD FALLEN APART, TEST OPERATION OK

U16	30/08/07	726.0000	23,285	MAI - GENERAL

SERVICE, AS PER IFE SHEET TEST OPERATION OK

U16	24/09/07	0.0000	28,253	MAI - GENERAL

SERVICE,

SERVICE, AS PER IFE SHEET, CHECK AIR LINE, TEST OPERATION FOUND OK

U16	25/09/07	0.0000	23,285	MAI - GENERAL

AIR CONDITIONING

AIR CONDITIONING, FOUND HOSE LEAKING, INSTALL NEW JOINER IN HOSE VAC DOWN AND REGAS SYSTEM, PRESSURE BLOW HOSE AGAIN, REMOVED HOSE AND FABRICATE A NEW HOSE INSTALLED NEW DRYER VAC DO SYSTEM AND REGAS, TEST OPERATION FOUND OK

U16	25/09/07	0.0000	816,625	MAI - GENERAL

AIR SYSTEM

AIR SYSTEM, GOVENOR VALVE, FOUND FOVENOR VALVE LEAKING REMOVE AND REPLACE GOVENOR VALVE, T OPERATION FOUND OK

U16	26/09/07	0.0000	30,802	MAI - GENERAL

COOLING SYSTEM

COOLING SYSTEM, RADIATOR HOSE U/S TRAVEL TO SITE TIGHTEN HOSE CLAMPS ON TOP RADIATOR HOSE, FI RADIATOR WITH COOLANT, RUN ENGINE AND CHECK WATER LEVEL, TEST OPERATION AND FOUND ALL OK

U16	27/09/07	0.0000	45,323	MAI - GENERAL

ENGINE

ENGINE, INJECTOR, HOOK UP COMPUTER CARRY OUT INJECTOR SOLENOID TEST, FOUND INJUECTOR 6 U/S REMOVE AND REPLACE INJECTOR, FOUND LOOSE WIRES, TENSION WIRES START ENGINE, FOUND OK, FOUND STOP LIGHT FLICKERING TURNS ON.OFF WHILE TRAVELLING FIX THE CABLE AND SECURE TO PREVENT FROM RUBBING ON THE CHASSIS, SECURE ALL CABLES, TEST OPERATION FOUND OK

U16	28/09/07	0.0000	46,173	MAI - GENERAL

SERVICE

SERVICE AS PER IFE SHEET, GREASE ALL POINTS ADJUST BRAKES TO SPEC TEST OPERATION FOUND OK

DNRM RTI DL Release

U16	28/09/07	0.0000	37,776	MAI - GENERAL

SERVICE,

SERVICE AS PER IFE SHEET, FOUND EXHAUST MANIFOLD AND TURBO SNAIL CRACKED DRAIN COOLANT, UNDO THERMOSTAT HOUSING, UNBOLT A/C COMPRESSOR BRACKET AND REMOVE THERMO, HOUSING UNBOLT EXHAUST MANIFOLD,UNBOLT OIL FEED AND OIL DRAIN REMOVE EXHAUST GASKETS CLEAN BLOCK GET NEW TURBO TO MANIFOLD, INSTALL NEW EXHAUST GASKETS, BOLT UP MANIFOLD TENSION STUDS TO SPEC, CLEAN THERMOSTAT HOUSING INSTALL THEMOSTAT HOUSING REFIT AIR CON COMPRESSOR REFIT AIR CHARGE COOI PIPES, REFIT WATER PIPES, REFIT OIL FEED AND DRAIN PIPES, START TRUCK AND RUN FOR A FEW MINUTES CHECK FOR LEAKS NO LEAKS PRESENT ALL OK

U16	28/09/07	0.0000	42,804	MAI - GENERAL

SERVICE B

SERVICE B AS PER IFE SHEET, DRAIN ENGINE OIL, REMOVE OIL AND FUEL FILTERS SUPPLY AND INSTALL NEW C AND FUEL FILTERS FILLED ENGINE WITH OIL. FOUND A HOSE LEAKING ON A/C, FABRICATE NEW HOSE AND INSTALLED TO TRUC K A/C SYSTEM, CHANGED OVER AIR DRYER, VAC A/C SYSTEM AND REGAS REMOVE AND REPLACE WATER FILTER CHECKED OIL LEVELS IN GEARBOX AND DIFFS, CHECK OVER LIGHTING SYSTEM, OK, TEST OPERATION OK

U16	28/09/07	0.0000	33,244	MAI - GENERAL

SERVICE

SERVICE, AS PER IFE SHEET, LIFT CAB, REMOVE EXHAUST STACK RUBBERS INSTALL NEW RUBBERS ON LH STA REFIT STACK REMOVE RH RUBBERS BLOCK STACK OUT RTEPLACE RUBBERS LIN UP REFIT STACK AND TIGHTEI TO SPEC, INSTALL NEW REAR AIR TANK DRAIN TEST OPERATION OK

U16	18/10/07	0.0000	54,536	MAI - GENERAL

SERVICE

SERVICE, REPAIRS MUD FLAPS, STEERING AND RADIO, INSTALLATION OF NEW RADION REMOVE LOCK FROM OVERHEAD DASH, REMOVE DASH, STEREO AND HOUSING, INSTALL NEW STEREO, REMOVE OLD WIRES AND CONNECTOR INSTALL NEW WIRES AND CONNECTOR, REPLACE DASH CHECK OPERATION, R/H SPOT LIGHT NOT WORKING, REPLACE BULB, FOUND OK, PUT TRUCK OVER PIT GREASE ALL POINTS ADJUST BRAKES TO SPEC, CHECKED STEERING, REPLACED MUD FLAPS, CHECK OPERATION FOUND OK

U16	30/10/07	0.0000	495,199	MAI - GENERAL

SERVICE

SERVICE, CHECKED OPERATION OF LOW COOLANT SENSOR, ALTERNATOR BOLT WAS LOOSE AND HAD WORN THROUGH BRACKETS, INSTALLED NEW ALTERNATOR, REPLACED 2 HUB CAP WINDOWS, WASHED AROUND PTC DIDN'T RESEAL AFTER TIGHTENING OF BOLTS, NO LEAK,

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16	31/10/07	0.0000	64,365	MAI - GENERAL

NUMBER PLATE LIGHTS, EXTINGUISHER BRACKET

INSPECT REPORTED PROBLE, FOUND WIRING ON NUMBER PLATE LIGHT TO BE WORN, REPLACED ALL REQUIRE WIRES, ALL OK REMOVED FIRE EXTINGUISHER BRACKET, LOWERED BRACKET POSITION AND REWELD, TEST OPERATION AND FOUND ALL OK

ALSO ON TRAILER BEHIND TRUCK NO NUMBER, FOUND TWIST LOCK TO BE CRACKED WELD UP TWIST LOCK BRACKET

U16	31/10/07	0.0000	63,548	MAI - GENERAL

SERVICE,

SERVICE, CHECKED OVER THOROUGHLY, FOUND AIR TANK LOOSE AND BOLTED BACK ON REPLACED 1 BROKEN BRACKET GREASED ALL POINTS, ADJUSTED BRAKES TO SPEC CHECK OPERATION FOUND OK

U16	31/10/07	0.0000	59,443	MAI - GENERAL

SERVICE, SPOT LIGHTS

SERVICE, CHECKED ALL LIGHTS, FITTED NEW SPOTLIGHT, DRAIN OIL AND REMOVED FILTER, INSTALLED NEW FILTERS FILLED TRUCK WITH OIL, ADJUSTED BRAKES TO SPEC CHECK OPERATION FOUND OK

U16	31/10/07	0.0000	0	MAI - GENERAL

INSTALLED AUPPLIED TRACKING DEVICE

INSTALL SUPPLIED TRACKING DEVICE ENSURE ALL NUMBERSA RE RECORDED THAN CALL 0738605511 TO

DNRM RTI DL Release

ACTIVATE
GSM IMEI 358279000131340
SATELITE MODULE DCC004E64235

U16	09/11/07	0.0000	64,365	MAI - GENERAL	

MUDGUARD

MUDGUARD, INSPECT REPORTED PROBLEM, MUDGUARD FOUND BOLT LOOSE TIGHTENED TO SPEC CHECK OPERATION FOUND OK

U16	09/11/07	0.0000	67,652	MAI - GENERAL	

SERVICE & BRAKES

BRAKES, GREASE AND BRAKES, INSPECT REPORTED PROBLEM, SERVICE PRIME MOVER CHECKED ENGINE OIL, CHECK BELTS, GREASED ALL POINTS ADJUSTED BRAKES TO SPEC, FILL HUBS WITH OIL, CHECK OPERATION FOUND OK

U16	21/11/07	0.0000	76,746	MAI - GENERAL	

TUNE UP

TUNE UP, INSPECT REPORTED PROBLEM, JACK UP CAB, REMOVE ROCKER COVERS, TURN ENGINE OVER TILL LOCK TUNE 3 BANKS, TUNE LAST 3 BANKS, REFIT ROCKER COVERS, CHECK OPERATION FOUND OK

16	30/11/07	1375.0000	64,832	A - A SERVICE	

SEE COMMENTS

BREASE & CHECK OVER, FOUND STEERING BEARING CAP CRACKES, REMOVED AND REPLACE WITH NEW, WEN TO JACK UP CAB, CAB WENT SIDEWAYS FOUND BOLTS MISSING FROM L/H CAB MOUNT. KIFTED CAB BACK INTO PLACE INSTALL NEW BOLTS TIGHT UP TO SPEC, LIFTED CAB, CHECKED OIL & COOLANT, CHECKED ALL BOLTS, CHED GEAR BOX & DIFF OIL, ADJUSTED TURN TABLE, CHECKED ALL LIGHTS, FOUND VOLT METER NOT WORKIN TURBO TIMER NOT WORKING ORDED NEW PARTS INSTALL AT A LATER DATE

U16	30/11/07	0.0000	72,600	MAI - GENERAL	

SERVICE,

SERVICE, AS PER IFE SERVICE SHEET, GREASE AND CHECKOVER, FOUND STEER BEARING CAP CRACKED, REMOVED AND REPLACED WITH NEW, JACK UP CAB AND FOUND BOLTS MISSING FROM L/H CAB MOUNTS, CAB WENT SIDE WAYS, LIFTED CAB WITH CRAIN BACK INTO POSITION, INTALLED NEW BOLTS, JACK UP CAB CHECKF OIL AND COOLANT LEVELS, CHECK OVER ALL BELTS, CHECK OVER LIGHTING SYSTEM, FOUND VOLTMETER NO WORKING FOUND TURBO TIMER NOT WORKING ORDER NEW VOLTMETER, CHECK OIL IN GEARBOX AND DIFF O TEST OPERION ALL OK

**16	28/01/08	1714.0000	84,423	A - A SERVICE	MI

REPLACED WATER HOSES AT BOTTOM OF WATER PUMP & REFILLED RADIATOR WITH NEW COOLNT

U16	29/01/08	1726.0000	84,837	A - A SERVICE	MI

LEAKING WHEEL SEAL - SEE COMMENT

A SERVICE CARRIED OUT BY R EAMES 29/1/08 - FOLLOWING DEFECTS REPORTED AND RECORDED (REFER J# 93925)

1. LHR WHEEL SEAL LEAKING. 2. WIPERS DON'T WORK. 3. RHS WINDOW U/S. 4. REAR EXHAUST RUBBERS BACK OF CAB NEED REPLACING.

FOLLOWING WORK COMPLETED BY POM 29/01/08:

LEAKING WHEEL SEAL LHR DRIVE AXLE. REMOVE TYRES & HUB FROM AXLE. REMOVE WHEEL BEARINGS & WI SEAL. CLEAN AXLE & BRAKES. CLEAN TYRES & HUB. WASH WHEEL BEARINGS AND INSPECT. WHEEL BEARING OK TO RE-USE. FIT WHEEL BEARING (INNER) & WHEEL SEAL TO AXLE. FILL CENTRE OF HUB WITH OIL. FIT TYR & HUB BACK TO AXLE. FIT WHEEL BEARING (OUTER) TO AXLE. TENSION WHEEL BEARING TO CORRECT TORC CHECK WHEEL BEARING FOR FREE PLAY. WHEEL BEARING OK. FIT AXLE BACK TO HUB & TENSION AXLE NUT ADJUST BRAKE. CHECK ORANGE REVOLVING LIGHTS ON TOP OF PRIME MOVER WORKING. BOTH REVOLVING LIGHTS WORKING. REVERSING ALARM INDICATOR NOT WORKING. PLUG ON TOP OF GEARBOX NOT CONNECT AS CLIP BROKEN. PUT PIECE OF HEAT SHRINK OVER MALE & FEMALE PLUG. JOIN PLUG TOGETHER & HEAT U

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HEAT SHRINK. ALARM WORKING

U16	30/01/08	0.0000	84,461	A	- A SERVICE	MI

U16	31/01/08	1742.0000	85,446	A	- A SERVICE	MI

REPAIR AIR LEAK BEHIND CAB TEMPORARILY - NEEDS PROPER REPAIR

U16	25/02/08	0.0000	0	MAI	- GENERAL

NO IGNITION NO WIPERS

NO IGNITION NO WIPERS, INSPECT IGNITION FAULT CLEAN CONTACTS AND CHECK WIRING NOW ABLE TO TURN ON AND OFF IGNITION FAULT CLEAN CONTACTS AND CHECK WIRING NOW ABLE TO TURN ON AND OFF IGNITIOI START TRUCK AND CHECK TURBO TI9MER NOT TIMING OUT, CHECK FEEDS TO THE TIMER TEST OK, FIT AND WI IN TURBO TIMER AND TEST TEST OK, CHECK SWITCH FOR WIPERS TEST OK NO POWER GETTING TO THE WIPE MOTOR LOCATE MODULE FOR WIPER MOTOR DIAGNOSE MODULE AND MOTOR TO BE FAULTY.

U16	06/03/08	0.0000	0	MAI	- GENERAL

CHECK SATPHONE

CHECK SATPHONE , SATPHONE NO SIGNAL RETURNED ANTENNA SIGNAL NOW 12 AND FULL BARS. DRIVER GIVE INSTRUCTION ON USE. UHF EE IN DISPLAY SET TX4200 FOR CH40 PRIORITY AND INSTRUCTED DRIVER ON USE

I6	07/03/08	0.0000	990,681	MAI	- GENERAL

WARRANTY JOB DONE 12/06/07 ENGINE LOCKED UP

DIAGNOSTIC TEST ENGINE, DIAGNOSE ENGINE LOCKED UP POSSIBLE HYD LOCK HEAD GASKET OR LINER HEAD HAS VALVE RECESSION ALSO 2722506 P.O.P SUPPLY PARTS ONLY TRUCK HYDRAULIC LOCKED @ THE CURRY WESTERN DIESEL RECOVERED TRUCK AND PROFORMED REPAIRS CRACKED LINER IS INITIAL CAUSE OF FAILUI BUT CYLINDER HEAD WAS FOUND TO HAVE BAD VALVE RECESSION ALSO AND REPLACED

U16	10/03/08	0.0000	0	MAI	- GENERAL

SHORT IN RIGHT HAND LOW BEAM

SHORT IN RIGHT HAND LOW BEAM,L PACK TOOLS AND TRAVEL TO IFE TEST THE LOW BEAM CIRCUIT DIAGNOSE FAULT FOR CIRCUIT BREAKER POPPING SHORTING OUT ON HEAD LIGHT INSERT TAPE HARNESS AND TEST LIGI TEST OK

U16	14/03/08	0.0000	0	MAI	- GENERAL

BODY

BODY, TURNTABLE, INPSECT REPORTED PROBLEM, TURTABLE SLIDE NOT WORKING, FOUND LOCK BENT, ADVIS OWNER AND HE WILL ORDER PARTS REMOVE OLD BENT LOCK INSTALL NEW LOCK FOUND NO COOLANT IN \DIATOR DRAIN OUT WATER REMOVE HOSE AND THERMOSTAT HOUSING INSTALL NEW HOSE FILLED RADIAT(WITH ALL COOL COOLANT FOUND GREASE NIPPLE ON STEERING SHAFT HOOKING ON GEAR LINES SHIFT GEAR LINES FOUND ONE SPOT LIGHT U/S REMOVE AND REPLACE WITH NEW CHECK OVER VEHICLE FOUND ALL OK

U16	20/03/08	0.0000	88,776	MAI	- GENERAL

BROKEN MUDGUARD

BROKEN MUDGUARD, INPSECT REPORTED PROBLEM, UNDO STRAPS HOLDING FRONT MUDGUARD UP, REMOVE CHASSES COVER PLATES INSTALL MISSING BOLT TO MUDGUARD BRACKETS, REINSTALL CHASSIS COVER PLAT CHECK OPERATION FOUND OK

U16	15/05/08	0.0000	0	MAI	- GENERAL

VARIOUS WORK SEE COMMENTS

REMOVE AND REFIT, BULL BAR & FRONT WHEELS, CABIN GUARDS & GRILL, D & A ALL CABIN ELECTS AIR LINE E(CABIN MOUNT CRANE OF , CABIN TO JIG FOR REPAIRS,
PANEL REPAIR, REPLACE CABIN LEGS REPAIR FLOOR AREAR
PAINT REFINISH TOUCH UP RIVETS,
SUBLET DECOMMISION AC/ & RECOMMISION AC

U16	19/05/08	1921.0000	94,166	A	- A SERVICE	MI

CHECKED BACK AIR THREW SYSTEM ,SEE COM

2 AIRLINES HOOKED UP WRONG - THIS WAS DONE BY RE-CAR IN TOWNSVILLE..

DRAFT FOR DL Release

U16	20/05/08	0.0000	93,012	MAI	- GENERAL	

BLOWN TURBO GASKET

BLOWN TURBO GASKET, RAISE CAB LOCATE EXHAUST LEAK AT TURBO MANIFOLD REMOVE LOOSE MOUNT BOL AND CLEAN SURFACES REPLACE GASKET AND BOLTS, TENSION BOLTS AND TEST LOCATED AIR LEAK FROM EXHAUST OFF AUTO GREASER PUMP

U16	28/05/08	0.0000	95,136	MAI	- GENERAL	

VEHICLE NOT STARTING

VEHICLE NOT STARTING, REMOVE BATTERIES REMOVE SIEZED BATTERY BOX MOUNTS & BOLTS, FABRICATE BATTERY BOX SPACER WASHERS, REPLACE MOUNTS AND REASSEMBLE WITH NEW BOLTS AND SPACERS, REF BATTERIES & REPAIR HOLD DOWNS WHERE POSSIBLE INSULATE TERMINALS AND REFIT COVER, NOT BATTERY BOX NEEDS MORE ATTENTION AT A GREATER DETAIL LEVEL, REF TW006273L3, VEHICLE NOT STARTING REMOV BATTERIES AND BATTERY BOX FOUND CLAMPS DAMAGED AND REQUIRE REPAIR CHECK STARTER MOTOR CLE/ TERMINALS CABLES AND CONNECTIONS HAVE BATTERIES DELIVERED FROM BROWN & HURLEY FIT NEW UNITS WITHOUT HOLD DOWN CLAMPS, CHECK STARTING AND CHARGE RATE REMOVE BATTERIES SO FITTERS CAN REPAIR BATTERY BOX

U16	30/05/08	1966.0000	96,635	B	- B SERVICE	MI

SEE COM.

'EPLACED D/GOODS SIGN ON FRONT OF TRUCK

RE-BOLTED LHR SHOCKY BACK ON

U16	10/06/08	0.0000	0	MAI	- GENERAL	

WONT START

WONT START, TEST CIRCUIT FOR CURRENT DRAW, CHECKED CHARGE RATE FOUND CHARGE RATE LOW CHANGED ALTERNATOR AND MAKE NEW CHARGE WIRE RETEST CHARGE RATE TEST OK

U16	16/06/08	0.0000	0	MAI	- GENERAL	

WONT START CHANGE SATELLITE PHONE TO IGNITION

WONT START CHANGE SATELLITE PHONE TO IGNITION, DISCONNECT SATELLITE PHONE FROM BATTERY AND HOOKED UP TO IGNITION FEED, TEST CURRENT DRAW FOUND DRAW HAD DROPPED OUT TEST OK

U16	20/06/08	2036.0000	98,211	A	- A SERVICE	MI

CHECKED ALL W/BEARINGS

U16	20/06/08	2036.0000	98,211	MAI	- GENERAL	MI

:E COM...

R & R FRONT DIFF

R & R FRONT UNI-JOINTS

R & R THRU SHAFT BEARINGS

CHECK AND ADJ W/BEARINGS

CHECK AND REPAIR ENG WARNING LIGHT

REPLACE DIFF AND G/BOX BEATHERS

REPAIR SPEEDO WIRING

U16	23/06/08	0.0000	0	MAI	- GENERAL	

AIRCON AND ICEPACK NOT WORKING

AIRCONDITIONING AND ICEPACK NOT WORKING, TEST A/C FOUND RELAY BROKEN AND WIRING DISCONNECTED REPAIRED AND TEST TEST OK TEST ICEPACK FOUND IT HAD BEEN DICSONNECTED RECONNECTED VAC AND C TEST OK

U16	09/07/08	2100.0000	102,209	A	- A SERVICE	MI

U16	21/07/08	0.0000	0	MAI	- GENERAL	

REPAIR AIRCONDDITIONING

REPAIR AIRCONDITIONING, CHECK AIRCONDITIONING SYSTEM AND REAPRIED OPEN CIRCUIT IN HARNESS. TES TEST OK

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U16	24/07/08	2123.0000	102,916	MAI - GENERAL	MI

REPLACE CAB SAFETY LOCK CABLE

U16	31/07/08	2182.0000	102,922		

U16	31/07/08	2182.0000	102,922	MAI - GENERAL	MI

REPLACED AUTO GREASER UNIT

U16	05/08/08	0.0000	958,586	MAI - GENERAL

REPAIR UNIT INJECTOR

REPAIR UNIT INJECTOR, CUSTOMER COMPLAINT BLOWING WHITE SMOKE AND MISFIRING CAUSE OF FAILURE N INJECTOR AND COOLANT LEVEL SENSOR RESULTANT DAMAGE, TOLD THEM ABOUT THE SENSOR AS IT IS NOT A CAT PART AND CHANGED OUT NO 1 INJECTOR REPAIR COMMENTS, ORDERED NEW INJECTOR REMOVED TAPPE COVER FOR THE NO 1 INJECTOR REMOVED INJUCTOR AND JAKE BRAKE HARNESS REMOVED JAKE BRAKES REMOVED ROCKER ASSEMBLY THAN REMOVED THE NO 1 INJECTOR AND REPLACED WITH NEW ONE TORQUED 'OWN NEW INJECTOR TO 37FTLB THAN INSTALLED THE ROCKER ASSEMBLY WITH THE JAKE BRAKES AND TORQUED DOWN TO 40FTLB FOR ALL OF THEM FIRST THAN 80FTLB TO FINISH OFF CHECKED THE INJECTOR HEIGHT AND ALL WAS GOOD THAN CHECKED INLET FOR BOTH 1 AND 2 AT .015" THAN EXHAUST FOR 1 AT 030 AI IT WAS GOOD WENT TO CHANGE THE INJECTOR CODE AND ALLINJECTORS HAD THE SAME CODE 4242 TESTED MACHINE ANY WAY AND STILL CAME UP AS NO 1 NOT OK MACHINE STILL HAD TO GO TO TOWNSVILLE SO WE INFORMED THE CUSTOMER ABOUT THE CODES AND THEY SAID THEY WERE GOING TO GET IT CHANGED IN TOWNSVILLE AND TESTED AGAIN

U16	20/08/08	0.0000	103,371	MAI - GENERAL

ELECTRICAL

ELECTRICAL, WONT START INSPECT REPORTED PROBLEM TRAVEL TO SITE OF BREAKDOWN 120KLMS INSTALL CAT COMPUTER CHECK FOR FAULTS FOUND NO FAULTS FOUND BATTERY VOLTS LOW JUMP START VEHICLE CHECK CHARGE SYSTEM FOUND ALTERNAOTR WIRE BROKEN TRAVEL VACK TO WORKSHOP- 120KLMS, INSTALL COMPUTER TO VEHICLE CARRY INJECTOR TEST FOUND NO 1 INJECTOR FAILED REMOVE AIR PIPES REMOVE ROCKER COVERS REMOVE ROCKER COVER GEAR FROM NO 1 INUJECTOR SUPPLY AND INSTALL INJECTOR REINSTALL ROCKER COVER AND TENSION TUNE ENGINE REISTALL ALL COMPONENTS FOUND HUMP HOSE U/S SUPPLY AND INSTALL WITH NEW FOUND TRAILER WIRES WRAPPED AROUND TAILSHAFT INSTALL NEW WIRES A EW TRAILER PLUG CHECK OPERATION FOUND OK

U16	29/08/08	0.0000	0	MAI - GENERAL

CHECK SAT PHONE AND SAT TRACKER

CHECK SAT PHONE AND SAT TRACKER, INSTALLED SATPHONE MAST, CONTACTED SKYNET TO REPAIR AND TES SAT TRACKER

U16	29/08/08	0.0000	107,096	MAI - GENERAL

SERVICE

SERVICE INPSECT REPORTED PROBLEM CHECK OVER UNIT, CHECK ALL FLUID LEVELS AND BELTS, CHECK COOLANT LEAK ON RIGHT HAND SIDE REMOVE AIR COMPRESSOR AND ISNTALLED NEW ORINGS, VAS DOWN AI CON SYSTEM AND REGAS INSTALL NEW COMPRESSOR ADAPTOR PLATE AND REFIT AIT COMPRESSOR FILL ENGINE WITH COOLANT RUN VEHICLE AND CHECK OVER OPERATION FOUND ALL OK

U16	29/08/08	0.0000	104,949	MAI - GENERAL

SERVICE

SERVICE, CARRY OUT SERVICE ON P/MOVER AS PER IFE SERVICE SHEET GREASED ALL POINS AND ADJUST BRAKES, FOUND BATTERIES U/S REPLACED 4 BATTERIES, TEST OPERATION FOUND OK

U16	29/09/08	0.0000	107,096	MAI - GENERAL

PART OF ENGINE REPLACEMENT

ENGINE, REMOVE OLD ENGINE AND INSTALL NEW INSPECT REPORTED PROBLEM REMOVE AND REPLACE ENGI MOUNTS INSTALL NEW RADIATOR HOSES AND CLAMPS INSTALL NEW AIR CON COMPRESSOR HOOK UP AIR CO GUAGES AND REGAS AIR CON INSTALLED NEW CLUTCH, INSTALL NEW CLUTCH SHAFT AND BUSHES, CLUTCH F

DNRM FTD DL Release

INPUT SHAFT AND BEARING, SNAP RINGS TO INPUT SHAFT, OIL PRESSURE SWITCH AND SENDER, GOVENOR VALVE WATER TAPS, BELTS AND TIGHTEN TO SPEC, CHECK ALL BOLT TENSIONS, CHECK OVER OPERATIONK, FOUND ALL OK

U16	29/09/08	0.0000	107,598	MAI - GENERAL	

PART OF ENGINE REPLACEMENT

ENGINE INSPECT REPORTED PROBLEM, REBUILD MOTOR, DISASSEMBLE ENGINE, CLEANED ALL PARTS, MEASURED AND CRACK TESTED BLOCK AND LINER HEIGHTS SUPPLY BLOCK AND CRANKSHAFT REMOVE FRON COVER TO TIMING GEARS TO REPLACE SPACER PLATE GASKET REASSEMBLE FRONT GEAR TRAIN REMOVE ANI REPLACE FRONT ENGINE SEAL, RESEAL FRONT FLYWHEEL HOUSING AND ORINGS, INTALLED FLYWHEEL REMC AND REPLACE MAIN BEARINGS, CYLINDER KIT, BIG ENDS, DISASSEMBLE OIL PUMP AND CLEANED RELIEF VALVI REASSEMBLE PUMP AND INSTALLED INSTALL PICK UP PIPES CHANGE ORINGS TO PICK UP PIPES INSTALL NEW HEAD GASKET KIT, CYLINDER HEAD EXHUAST MAINFOLD, NEW TURBO AND INTAKE PIPES CAMSHAFT AND NEW INJECTOR ORINGS TUNE INJECTORS AND VALVES, INSTALL ROCKER COVERS AND CHECK TENSION REMOVE A REPLACE WATER PUMP, OIL COOLER, NEW AIR COMPRESSOR NEW HOSES TO COMPRESSOR FILL ENGINE WITI OIL CHECK OVER OPERATION FOUND OK

U16	30/09/08	0.0000	421,365	MAI - GENERAL	

PART OF ENGINE REPLACEMENT

ENGINE CHECK OVER VEHICLE INSPECT REPORTED PROBLEM, UNLOAD VEHICLE WASH DOWN VEHICLE, REMC ROCKER COVERS AND INSPECT DIAGNOSE PROBLEM, NOTIFY CUSTOMER, QUOTE CUSTOMER

U16	01/10/08	0.0000	0	MAI - GENERAL	

TRUCK WILL NOT TURN OFF WITH THE KEY PLEASE REPAIR

TRUCK WILL NOT TURN OFF WITH THE KEY PLEASE REPAIR, TRACE OUT SHUT DOWN CIRCUIT, FOUND A WIRE HOOKED UP INCORECTLY IT WAS LATCHING THE IGNITION RELAY ON REMOVED WIRE TESTED OPERATION TES OK

U16	03/10/08	0.0000	0	MAI - GENERAL	MI

TIDIED AIR & ELECT HOSES, REPLACED LOW WATER SENSOR, BOLT UP CLUTCH INS PLATE

U16	03/10/08	0.0000	0	MAI - GENERAL	

CHECK FOR FAULTS AS THE ENGINE LIGHT IS STAYING ON

CHECK FOR FAULTS AS THE ENGINE LIGHT IS STAYING ON, PACKED UP AND DROVE TO IFE, COMPUTER TESTEI SYSTEM, FOUND COOLANT LEVEL FAULT CHECKED WIRING HARNESS AND CARRIED OUT CONTINUITY TEST REPAIRED BROKEN CABLE AND ERASED CODES TESTED OPERATION TEST OKAY

U16	06/10/08	2316.0000	0	MAI - GENERAL	MI

IECK FRONT SPRING HANGER- WORN, SERVICED ICE PACK, REPAIRED WIRING & FAN

U16	07/10/08	0.0000	627,426	MAI - GENERAL	MI

SEE COMMENTS

DIS- ASSEMBLE ALL BRAKES
CLEANED & INSPECTED BEARINGS
FITTED NEW BRAKE SHOES & HARDWARE KITS
RE- ASSEMBLED ALL BRAKES
REPLACED 1 LEAF SPRING WEAR PAD - LHC AXLE

U16	13/10/08	0.0000	0	MAI - GENERAL	

ATTEND TO ICE PACK

ATTEND TO ICE PACK, DRIVE TO IFE REMOVED AND MADE BROWN HOSE REFITTED HOSE REPLACED RECEIVE DRIER, REGASSED AIRCONDITIONING TESTED OPERATION TEST OK

U16	14/10/08	0.0000	0	MAI - GENERAL	MI

SEE COMMENTS

R & R BELL CRANKS BETWEEN TWIN STEER AXL SPRINGS
R & R BUSHES & PINS IN SPRINGS & CRANK
REPAIRED LEAKING AUTO GREASE SYSTEM LINES
BUILT STAND TO SUIT TRUCK

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U16	20/10/08	0.0000	0	MAI - GENERAL	

CHECK ICE PACK, LOCATE AND REPAIR SHOR IN GUAGE ALARM CIRCUIT
CHECK ICE PACK, LOCATE AND REPAIR SHORT IN GUAGE ALARM CIRCUIT, CHECK ICE PACK FOUND THE ENGINI BOGGING DOWN UNDER LOAD, CHECKED AIRCONDITIONING SYSTEM SYSTEM OKAY ADVISED MICH THAT THE EINGINE IS FAULTY FOUND NO GAUGES ON THE DASH WORKING RESET THE CIRCUIT BREAKER THE CIRCUIT BREAKER TRIPPED STRAIGHT AWAY RANG AND ADVISED MICK MICK REQUESTED THE FAULT BE REPAIRED LOCATED AND REPAIRED SHORTED WIRING IN THE ENGINE HARNESS WHERE IT RUNS OVER THE FRONT OF TH ENGINE, REPAIRED THE WIRING IN BEHIND THE RIGHT HAND SIDE HEAD LIGHTS SPLIT FEEDS FROM BACK OF 1(AMP GUAGE CIRCUIT BREAKER FIT 5 AMP FUSE HOLDERS REASSEMBLED TRUCK HAD ERIC TAKE THE TRUCK F(A ROAD TEST BLEW 5 AMP FUSE IN ORANGE SUPPLY FOLLOWED HARNESS AND LOCATED SHORT IN HARNESS UNDER THE HEAT SHIELD NEAR THE TURBO PULLED HARNESS OUT FROM WHERE IT HAD BEEN JOINDED NEAR THE GEAR BOX, RAN NEW HARNESS IN CONDUIT DOWN TO THE GEAR BOX FROM UNDER THE DASH FIT DEUTS(PLUGS AND CONNECTED UP CABLE TIED AND SECURED HARNESS INTO POSITION CHECKED GUAGES FROUND ENGINE WATER TEMPRETURE NOT WORKING TRAVELLED TO IFE TO COLLECT A NEW GUAGE AND SENDER RETURNED TO WORSHOP FIT GUAGE REMOVED ALTERNATOR TO GAIN ACCESS TO WATER TEMPRETURE SENI FIT NEW SENDER REFIT ALTERNATOR DROPPED CAB AND TESTED WATER TEMPRETURE GUAGE READING HOT ALL THE TIME TRACED THE FAULT FOUND THAT THE SENDER WIRING WAS CONNECTED UP TO THE PRESSURE SWITCH FOR PTO CHANGED WIRE AND TESTED OPERATION TEST OKAY REPAIRED DAMAGED WIRING TO REAR DIFF SENDER TESTED OPERATION TEST OKAY REASSEMBLED DASH

U16	25/11/08	2731.0000	110,579	ELE - ELECTRICAL	MI

WORK REPAIRS CARRIED OUT SEE COMMENTS...
WORK REPAIRS CARRIED OUT
JOSEPH
CHECKED ALL LIGHTS AND REPLACED RH TAIL BEAM BULB & PLUG
CHECKED AND FIXED REVERSE LIGHT AND BEEPER

SIMON
DRAINED COOLANT
REPLACED WATER PUMP HOUSING, REFILTERED COOLANT

U16	28/11/08	0.0000	0	MAI - GENERAL	

REPAIR AIRCONDITIONING
REPAIR AIRCONDITIONING, TESTED AIRCON FOUND WIRE BROKEN OFF RELAY MADE NEW BREAKER FOR RELA' MOUNTED NEW RELAY BASE REWIRES NEW CIRCUIT RETESTED AIRCONDITIONING FOUND SYSTEM WAS LOW (GAS, RECOVERED REMAINING GAS VACUUMED SYSTEM AND CHECKED FOR LEAKS FOUND NO LEAKS REGASSE 'ID TESTED OPERATION OF SYSTEM TESTED OKAY

U16	01/12/08	2401.0000	110,604	MAI - GENERAL	MI

WORK REPAIRS CARRIED OUT AIR VALUE - REFER COMMENTS
WORK REPAIRS CARRIED OUT
INSPECT AIR VALUE FOR TIPPER CONTROL, ONE FAULTY ONE, REMOVE & REPLACED
REMOVED SECOND CONTROL & STRIP DOWN & REPAIR AIR LEAK. RE-ASSEMBLED & TESTED
OKAY

U16	02/12/08	2421.0000	0	A - A SERVICE	GF

WORK REPAIRS CARRIED OUT GREASED AND QUICK CHECK OVER GREASE TRAILER DOORS

U16	03/12/08	2428.0000	111,382	A - A SERVICE	GF

WORK REPAIRS CARRIED OUT SEE COMMENTS
WORK REPAIRS CARRIED OUT
GREASE & QUICK CHECK OVER AND GREASE TRAILER DOORS, CHANGED OUT ALTERNATOR

WORK REPAIRS REQUIRED
HEAPS OF BARE WIRES EXPOSED BELOW ALTERNATOR, AUTO GREASER DOESN/T APPEAR TO BE WORKING

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U16	04/12/08	2441.0000	111,883	B	- B SERVICE	MI

U16	08/12/08	0.0000	0	MAI	- GENERAL

CHECK AIRCONDITIONING
CHECK AIRCONDITIONING
TRAVELLED TO IFE YARD CHECKED AIRCONDITIONING FOR LEAKING CONDENSOR VACUUMED DOWN SYSTEM CHECKED FOR LEAKS REGASSED SYSTEM TEST OPERATION TESTED OKAY

U16	12/12/08	0.0000	0	MAI	- GENERAL

RADIATOR & AFTERCOOLER REPAIRS SEE COMMENTS
KENWORTH RADIATOR & AFTERCOOLER

RADIATOR
clean & service remove tank 680.00, remove tank off radiator rod out tubes pressure test external pressure clean dry and pai approx internal blockage %20-25

AFTERCOOLER
EAN AND SERVICE AIR COOLER
pressure wash and steam clean cooler internally & externally internally soak and degrease cooler power flush internally repea steam clean pressure test cooler repairs to leaks

U16	12/12/08	0.0000	0	MAI	- GENERAL

SERVICE CALL REMOVE FITTING FROM FUEL COOLER SHORTEN HOSE AND REFIT

U16	12/12/08	0.0000	0	MAI	- GENERAL

NO CHARGE SEE COMMENTS
IC F110 CHECKED AT 3 WAYS IN CAB OVER TRUCK FOUND TRUCK IFE 16 POWER TO BE LOW TO WINDOWS/RADIOS/BRAKES ETC IFE TO FIX

U16	12/12/08	0.0000	0	MAI	- GENERAL

SEE COMMENTS
CHECK RADIO OPERATION IN UNIT IFE 16, RADIO TAKEN OUT AND REPLACED WITH NEW PROGRAMMED IF F110 OLD RADIO LEFT IN TRUCK

U16	15/12/08	0.0000	0	MAI	- GENERAL

HOSE ASSEMBLY SERVICE CALL

U16	09/01/09	0.0000	0	MAI	- GENERAL

ENGINE
ENGINE
BROKEN FILTER HOUSING U/S STEER SHOCKIE, INSPECT REPORTED PROBLEM REMOVE AND REPLACE ALL 4 STEER SHOCKIES REMOVE AND REPLACE CLAMPS OF EXHAUST SYSTEM REPAIR BROKEN BRACKET ON LEFT HAND SIDE REMOVE FILTER HOUSING AND INSTALL NEW TEST DRIVE VEHICLE FOUND ALL OK

U16	09/01/09	0.0000	0	MAI	- GENERAL

ENGINE
ENGINE
CHECK FAULT CODES DASH GAUGES NOT WORKING, INSPECT REPORTED PROBLEM CHECK AIR CON SYSTEM FOUND ALL OK, CHECK AIR CON ON ICE PACK, FOUND GAS LOW, TOP UP AIR CON GAS AND CHECK FOUND ALL FOUND FUSE BLOWN FOR ALL GUAGES REMOVE AND REPLACE FUSE CHECK OPERATION FOUND ALL OK CONNECT LAPTOP AND CHECK FOR CODES FOUND SPEED SENSOR U/S REMOVE AND INSTALL CHECK CODES FOUND ALL OK

U16	01/02/09	2508.0000	112,751	A	- A SERVICE	MI

DNRM RTI DL Release

U16	12/02/09	2621.0000	118,014	A	- A SERVICE	MI

U16	28/02/09	2718.0000	0	A	- A SERVICE	GF

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
GREASE AND QUICK CHECK OVER AND GREASE TRAILER DOORS

WORK REPAIRS REQUIRED
OVER DUE FOR B SERVICE, TAKES 35 MINS FOR TRAILER BRAKES TO RELEASE

U16	02/03/09	2723.0000	0	A	- A SERVICE	GF

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
TOPPED UP RADIATOR WITH WATER NO COOLANT,

WORK REPAIRS REQUIRED
OVERDUE FOR B SERVICE, GREASER DOESNT SEEM TO BE GREASING CORRECTLY LHS FLASHING LIGHT MOTO

U16	05/03/09	2755.0000	123,667	B	- B SERVICE	MI

U16	09/03/09	0.0000	0			MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REPLACED RHR SLACK ADJUSTER & FREED UP LHR LHF

U16	09/03/09	0.0000	0	MAI	- GENERAL	

OVERHAUL SMALL CYLINDER REPLACE ROD AND SEALS ASSEMBLY AND TEST

U16	18/04/09	2831.0000	126,850	A	- A SERVICE	MI

U16	29/04/09	0.0000	127,894	MAI	- GENERAL	

RUN OUT OF FUEL
RUN OUT OF FUEL CHECK REPORTED PROBELM DRIVE OUT TO RAIL YARD PUMP 200LTRS OF FUEL INTO TANKS REMOVE FUEL LINE FROM BACK OF HEAD BLEED FUEL REFIL LINES PUMP FUEL UP START TRUCK CHECK OPERATION ALL OK

U16	02/05/09	2884.0000	129,682	A	- A SERVICE	MI

U16	27/05/09	0.0000	0	MAI	- GENERAL	

REPAIR GEAR BOX HOSES

U16	27/05/09	2960.0000	0	B	- B SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REAR DIFF TORQUE ROD BRACKET WELDED UP, TO BURKE AND WILLS TRUCK BROKEN DOWN GEAR BOX 000, REPLACED GEARBOX AND INSPECTED CLUTCH, REPLACED HOSE FROM GEARBOX TO FILTER AND GEARBOX TO CODER, FREED UP CLUTCH ROD

WORK REPAIRS REQUIRED
REQUIRED SHOCKY RHF DRIVE REAR TAPPET COVER LEAKING

DNRM RTI DL Release

U16	28/05/09	0.0000	0			MI

WORK REPAIRS CARRIED OUT REPAIR CLUTCH LINKAGE

U16	25/08/09	3100.0000	0	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
GOT WINDSCREEN WASHERS WORKING

WORK REPAIRS REQUIRED
NEEDS RHS COMPLETE SEAT BELT

U16	10/09/09	3180.0000	0			MI

WORK REPAIRS CARRIED OUT
WORK REAPIRS CARRIED OUT
MOVED TURNTABLE BACK
REMOVED OLD HYDROLIC TANK & FITTED NEW ONE

WORK DONE
REMOVE THE INNER DOOR PANEL AND REPAIR AND REPLACE ALL MISSING SCREWS AND BOLTS

U16	10/09/09	3109.0000	0			MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
ADJUSTED DRIVE BRAKES SO STROKE THE SAME
TIGHTENED LOOSE T/TABLE PLATE BOLT

WORK REAPIRS REQUIRED
RHF DRIVE AIRBAG LEAKING - DONE
TORQUE ROD BUSJES ON TORQUR RODS FRONT& REAR DIFF NEED REPLACING - DONE

U16	18/09/09	3129.0000	0	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
TIGHTEN WIPER ARM UP LHS,

WORK REPAIRS REQUIRED
NEED REAR TAPPET COVER GASKET, DRIVING LIGHT LENSE SMASHED

U16	22/09/09	0.0000	0			MI

WORK REPAIRS CARRIED OUT REMOVE HORTON FAN AND CLEAN UP

U16	24/09/09	0.0000	0	MAI	- GENERAL	

FABRICAT 200L HYDRAULIC TANK

U16	17/11/09	0.0000	0	MAI	- GENERAL	

REPAIR AIR CON
REPAIR AIRCONDITIONING
TESTED A/C SYSTEM LOW ON GAS PRESSURE TEST OK FOUND CONDENSER WAS LEAKING WENT TO REMOVE CONDENSEER INCORRECT BOLTS IN CAPTIVE NUTS, NUTS SPINNING IN BODY CAB WOULDNT JACK UP RANG MI GOT OIL FOR CAB LIFT FILLED OIL JACKED CAB UP AND REMOVED CONDENSER REPAIRED CONDENSER AND REFITTED REPLACED RECEIVER DRIER VACUUMED AND REGASED TEST OK

U16	26/11/09	3339.0000	142,986	B	- B SERVICE	MI

WORK REPAIRS REQUIRED
LHS FRONT DRIVE SLACK ADJUSTER SEIZED
LHS REAR DRIVE SLACK ADJUSTER SEIZED

DNRM RTI DL Release

BOTH NEED REMOVE AND EITHER REPLACE OR REPAIR
PROTECTION VALVE FRONT LHS LEAKING WHEN FOOTBACK OPPIED
LF WHEEL BEARING (1ST AXLE) EXTREMELY ROUGH- NEEDS REPLACING
NEEDS NEW (YELLOW BUTTON) BRAKE CONTROL VALVE

U16	04/12/09	0.0000	0			MI

WORK REPAIRS CARRIED OUT
STRIPPED OIL FRONT BRAKES - CLEANED ALL PARTS - INSPECTED (BOTH FRONT AXLES)
RELINED FRONT STEER AXLE WITH NEW DRUMS AND REPLACED ALL W/BEARING
REASSEMBLED REAR STEER AXLE WITH OLD BRAKES BUT NEW W/BEARINGS
REMOVED SLACK ADJUSTERS FROM LHS DRIVE AXLES (FRONT AND REAR)
FITTED 2ND HAND SLACK ADJUSTERS

WORK REPAIRS REQUIRED
AUTOGREASER NEEDS WORK - REAR BRAKES NOT GETTING GREASE
LHS FRONT STEER KINGPIN HAS EXCESS MOVEMENT (NEEDS KIT)

U16	04/01/10	3390.0000	0	A	- A SERVICE	MI

V. RK REPAIRS REQUIRED
KINGPINS NEED REPLACING

U16	06/01/10	0.0000	0	TYR	- TYRE	MI

CHECK ALL PRESSURES. ROTATED TYRES & OUT NEW WHEELS ON

U16	09/01/10	3402.0000	143,838	C	- C SERVICE	MI

RHF & LHF DRIVE ADJUSTED

WORK REPAIRS CARRIED OUT
REPAIR EXHAUST
REPAIR REAR LIGHTS
FIT DRIVING LIGHTS
R & R BEACON
REPAIR AUTO GREASE HOSES
PAIR ICE PAK - RJM
BATTERY & STARTER MOTOR CHECKED - RJM
R & R U.JO @ G/BOX

U16	09/01/10	0.0000	0	TYR	- TYRE	MI

TYRE CHECK - REFER COMMENT
CHECK ALL PRESSURES. THE TYRES ROTATED ON THE 6/1 WERE TAKEN OFF AND PUT 8 NEW DRIVE TYRES ON THE BACK AND KEPT THE OLD FOR TRAILERS

U16	11/01/10	0.0000	0	MAI	- GENERAL	

TEST CHARGING FOUND ALTERNATOR FAULTY REPLACED ALTERNATOR TEST OK

U16	20/01/10	0.0000	145,115	MAI	- GENERAL	

ELECTRICAL SYSTEMS
ELECTRICAL SYSTEMS
TRAVEL APPROX 20KM SOUTH, VEHICLE FLAT BATTERIES, TRAVEL TO SITE 49KMS SOUTH INPSECTED REPORTI
PROBLEM WITH BATTERIES, CHARGED BATERIES OFF OF SERVICE UTE JUMPSTARTED VEHICLE TESTED
CHARGING CIRCUIT ALL OK, BATTERY VOLTGE OK RETURN 49KM TO TOWN

U16	23/01/10	3546.0000	149,502	A	- A SERVICE	

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

DNRM RTI DL Release

WORK REPIARS CARRIED OUT
AUTO GREASER NOT WORKING TO FRONT SPRING HANGER BUSH AND CAB MOUNT - REPLACED WITH GREASEI
NIPPLES & GREASED

U16	30/01/10	3616.0000	150,994	B	- B SERVICE	

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

WORK REPAIRS CARRIED OUT
REPLACED AIR FILTERS x 2 AF 315KM
REPLACED ENGINE OIL
OIL FILTER AND FUEL REPLACED WITH LF691A & FF5319 (UPGRADED FILTERS FROM FLEETGUARD)

WORK REPAIRS REQUIRED
FUEL TANK HAVE DENT OR DAMAGE (RIGHT SIDE) DAMAGE AS ARRIVED ON SITE

U16	06/02/10	3709.0000	0	A	- A SERVICE	

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

WORK REPAIRS CARRIED OUT
TIGHTEN HOSE CLAMP TO STOP WATER LEAK
FIT AIR CLEANER COVERS BACK PROPERLY
FIT EXHAUST CLAMP ON EXHAUST PIPE PROPERLY
LHS MIRROR MOUNT IS BROKEN AND NEEDS REPLACING
REAR STEER AXLE KING PINS HAVE UP AND DOWN MOVEMENT IN THEM (NOT SURE IF IT SHOULD BE THERE.)

U16	25/02/10	3947.0000	157,753	A	- A SERVICE	MI

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

WORK REPAIRS REQUIRED
1ST DOLLY 1ST AXLE BROKEN LEAF SPRING TOP SIDE - LEFT SIDE
1ST DOLLY 2ND AXLE RIGHT SIDE, BRAKE LINING NEED TO REPLACE

3	14/03/10	0.0000	0	A	- A SERVICE	MI

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

WORK REPAIRS REQUIRED
DENT ON THE FUEL TANK RIGHT SIDE

U16	22/03/10	4115.0000	141,512	A	- A SERVICE	MI

CARRIED OUT BY BORAL/GYPSUM RESOURCES AUSTRALIA - KEVIN MINE SITE, PENONG, S.A.

U16	04/04/10	4245.0000	0	B	- B SERVICE

B SERVICE CARRIED OUT (KEVIN MINE SITE, PENONG, SA)

U16	18/04/10	4298.0000	165,362	A	- A SERVICE

A SERVICE CARRIED OUT - KEVIN MINE SITE, PENONG S.A.
REMOVED EXHAUST PIPE BOLT AND ALIGNED THE CAB TO THE EXHAUST PIPE. RETIGHTENED OIL FILTER. REPA
AND STRAIGHTEN BENT/DENTED MUDGUARDS STEEL/BRACKET RHS.

DNRM RTI DL Release

U16	02/05/10	4413.0000	168,391	C	- C SERVICE	

C SERVICE CARRIED OUT - KEVIN MINE SITE, PENONG, SA
EXHAUST PIPE > REMOVE AND CENTRE EXHAUST PIPE. RETIGHTENED EXHAUST BOLT PIPE.

U16	09/05/10	4477.0000	169,965	A	- A SERVICE	

A SERVICE CARRIED OUT, KEVIN MINE SITE, PENONG, S.A.
EXHAUST GASKET NEEDS TO BE REPLACED, FROM TURBO TO MANIFOLD. AIR LEAK, BRAKE BOOSTER OR CHAMBER, RIGHT SIDE 2ND DIFF.

U16	05/07/10	0.0000	0	A	- A SERVICE	MI

U16	19/07/10	4817.0000	0	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REPAIRED LOW BEAM RHS OPEN WIRING REPLACED RHS SPOT LIGHT BULB

U16	21/09/10	5186.0000	193,479	MAI	- GENERAL	

CARRY OUT B SERVICE
CARRY OUT B SERVICE
CARRIED OUT B SERVICE AS TO SERVICE SCHEDULE,
NOTES
REMOVED REAR SHOCKS DUE TO WORN BUSHES, R & R BUSHES FOR NEW, REFIT SHOCKS AND TENSION MOUNTING BOLTS, REPLACED BROKEN FLEX EXHAUST BEHIND TURBO FOUND BROKEN DURING SERVICE REUS ORIGINAL CLAMPS, LHR SLACK ADJUSTER MISSING RETAINING CUP FIT WASHER & CIRCLIP TO HOLD ADJUSTEF REPOSITION COOLING SYSTEM HOSES FOUND TO BE CONTACTING EXHAUST UNDER RHR CAB

DNRM RTI DL Release

6

Equipment Type Trailer

Equipment	Date	Hours	Odo	Service		Depot
QR8	18/12/07	0.0000	0	A	- A SERVICE	MI
QR8	30/12/07	0.0000	3,857	A	- A SERVICE	MI
CHECKED ALL WHEEL BEARINGS FOR FREE PLAY. ALL OK - REFER TO COMMENT GREASE TIPPING FRAME PINS. FILL SELF GREASING CANISTER.						
QR8	22/01/08	0.0000	4,981	A	- A SERVICE	MI
CHECKED & ADJUSTED WHEEL BEARINGS AS REQUIRED						
QR8	06/02/08	0.0000	5,936	A	- A SERVICE	MI
CHECK AND ADJUST WHEEL BEARINGS						
QR8	22/02/08	0.0000	6,252	A	- A SERVICE	MI
REPLACED RHR AXLE RADIUS ROD BUSHES & PINS						
QR8	29/02/08	0.0000	6,726	A	- A SERVICE	MI
NOT GREASING PROPERLY						
QR8	04/04/08	0.0000	0	MAI	- GENERAL	
SEE COMMENTS CHECK PRESSURE FROM PUMP OK CHECKED GREASE LINES & METERING UNITS FOR GREASE REACHING POIN FOUND 1 METERING UNIT UNSERVICEABLE REPLACED & BLED SYSTEM ALL OK)						
QR8	30/04/08	0.0000	7,535	A	- A SERVICE	MI
QR8	06/05/08	0.0000	8,027	A	- A SERVICE	MI
QR8	15/05/08	0.0000	87,954	A	- A SERVICE	MI
QR8	21/05/08	0.0000	9,085	A	- A SERVICE	MI
QR8	30/05/08	0.0000	10,115	A	- A SERVICE	MI
CHECKED AND ADJ WHEEL BEARINGS						
QR8	10/06/08	0.0000	0	A	- A SERVICE	MI
CHECKED ALL BEARINGS-OK						
QR8	16/06/08	0.0000	11,572	A	- A SERVICE	MI

DNRM RTI DL Release

QR8	16/06/08	3.0000	11,580	MAI	- GENERAL	MI
SEE COM...						
CHECK WHEEL BEARINGS						
SECURE LOOSE HOSES						
REPLACE KING PIN						
QR8	21/06/08	0.0000	11,809	A	- A SERVICE	MI
CHECKED W/BEARINGS						
QR8	23/06/08	0.0000	0	MAI	- GENERAL	
REPAIR LIGHTS						
REPAIR LIGHTS, TEST LIGHTS REPLACED 2 SIDE LIGHTS 4 TAIL LIGHTS INDICATOR REPAIRED WIRING AS REQUIRED TEST OK						
QR8	24/06/08	0.0000	12,022	A	- A SERVICE	MI
CHECKED W/BEARINGS						
QR8	28/06/08	0.0000	12,348	A	- A SERVICE	MI
CHECKED AND ADJ W/BEARINGS						
QR8	03/07/08	0.0000	12,601	A	- A SERVICE	MI
CHECKED W/BEARINGS						
QR8	06/07/08	0.0000	12,842	A	- A SERVICE	MI
QR8	21/07/08	0.0000	14,083	A	- A SERVICE	MI
REPLACED STAUFF CLAMPS AT REAR HOIST						
QR8	25/07/08	0.0000	0	A	- A SERVICE	MI
CHECK WHEEL BEARINGS						
QR8	28/07/08	0.0000	0	MAI	- GENERAL	
CHECK LIGHTS						
CHECK LIGHTS, CHECK LIGHTS ONTRAILER FIT NEW IFE SUPPLIED RIGHT HAND OUTER INDICATOR TEST OK REPLACE FAULTY STOP/TAIL INSERTS TEST OK ADVISE RICKY						
QR8	06/08/08	0.0000	15,680	MAI	- GENERAL	MI
QR8	14/08/08	0.0000	0			
QR8	31/08/08	0.0000	17,526	A	- A SERVICE	MI
C/W/B						
QR8	17/09/08	0.0000	0	A	- A SERVICE	MI
C/W/B						

DIPRM RTI DL Release

QR8	27/09/08	0.0000	19,566	A	- A SERVICE	MI
REPAIR AUTO GREASER						
QR8	30/09/08	0.0000	19,965	A	- A SERVICE	MI
QR8	09/10/08	0.0000	20,992	A	- A SERVICE	MI
REPAIRED HOIST COUPLINGS						
QR8	16/10/08	0.0000	0	MAI	- GENERAL	
REPAIR HOSES						
QR8	28/10/08	0.0000	21,951			MI
INSTALLED NEW NUT & STUD, CLEANED ALL STUDS RHR						
QR8	04/11/08	0.0000	0	A	- A SERVICE	MI
C/W/B						
QR8	03/12/08	0.0000	23,059	A	- A SERVICE	MI
CWB, AUTO GREASING & LIGHTS - SEE COMMENTS						
CWB						
WELDED NEW BRACKET FOR AUTO GREASING SYSTEM						
STOP LIGHT REPLACED						
QR8	10/12/08	0.0000	0	MAI	- GENERAL	
REPAIR HOSES SERVICE CALL						
QR8	27/12/08	0.0000	24,971	A	- A SERVICE	MI
WORK REPAIRS CARRIED OUT						
WORK REPAIRS CARRIED OUT'						
REPLACED STOP LAMP L/H & R/H						
WORK REPAIRS REQUIRED						
REPLACING R/H SIDE MARKER 2PCS , 2 AMBER ONLY 1 RED AMBER COMBINATION						
QR8	15/01/09	0.0000	25,835	A	- A SERVICE	MI
WORK REPAIRS CARRIED OUT CWB, PUMPED AUTO GREASER						
QR8	22/01/09	0.0000	25,948			MI
WORK REPAIRS REQUIRED						
WORK REPAIRS REQUIRED						
NEED TO FIXED REPLACED 2 CLEARANCE LIGHT NOT WORKING ON LH & RH SIDE AND 1 SIDE TURN LIGHT R/H						
1*SPRING HAS 3 BROKEN LEAVES 11 LEAF SPRING						
QR8	03/02/09	0.0000	0	A	- A SERVICE	MI
WORK REPAIRS CARRIED OUT						
WORK REPAIRS CARRIED OUT						
FREE UP 2* WHEELS BRAKES LOCKING ON ADJUSTED BRAKES						
WORK REPAIRS REQUIRED						
AUTO GREASER NOT GETTING GREASE THROUGH						

DNRM RTI DL Release

QR8	09/02/09	0.0000	26,677	A	- A SERVICE	MI
QR8	17/02/09	0.0000	26,791	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
TRIED TO REPAIR AUTOGREASER NEEDS MORE REPAIRS OR REMOVING

QR8	05/03/09	0.0000	27,019	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT CWB, LUBED CONTAINER PINS

QR8	02/04/09	0.0000	27,625	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT CWB

QR8	18/04/09	0.0000	28,432	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT CWB

QR8	24/04/09	0.0000	28,957	A	- A SERVICE	MI
QR8	27/04/09	0.0000	0	MAI	- GENERAL	MI

FAULT REPAIR 02030 - REPLACE CONTAINER PIN SMIM

QR8	07/05/09	0.0000	29,567	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
RF SPRING PACK HAS 4 BROKEN LEAVES, NEED REPLACING URGENTLY, 2 * CLEARANCE LIGHTS NEED REPLACI

QR8	26/05/09	0.0000	30,280	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
WHEEL BEARINGS NOT CHECKED

WORK REPAIRS REQUIRED
GUARDS BENT AND NEED REPAIRS, CONTAINER PINS WORN OUT AND OCNTAINER PIN BLOCKS NEED REPLACIN
HYDRAULIC RAM BUSHES MOUNT SLOGGED OUT LOTS OF MOVEMENT

QR8	18/06/09	0.0000	31,461	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
FRONT LEFT SPRING LEAF BROKEN

QR8	26/06/09	0.0000	0	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REPLACED LH TURNLIGHT,

WORK REPAIRS REQUIRED
HEAPS OF LIGHT NEED FIXING NEED TIME

DNRM RTI DL Release

QR8	03/07/09	0.0000	32,628	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
CONTAINER PIN BLOCKS AND PINS NEED REPLACING, NEED BRAKE LIGHT NPA

QR8	10/07/09	0.0000	33,217	A	- A SERVICE	MI

WORK REPAIR REQUIRED
WORK REPAIRS REQUIRED
ALL SIDE LIGHT WIRING NEEDS REPLACING, HYDRAULIC LEAK ON TOP RAM, TRAILER LEGS HARD TO WIND SKIP

QR8	17/07/09	0.0000	0	A	- A SERVICE	MI

Work/Repairs Carried Out
Work/Repairs Carried Out
CWB
Replaced radius rod bushes and pin (front bush)
Centre axle RHS

QR8	24/07/09	0.0000	0			MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REPLACED KIN PIN BOLTS AND TENSIONED REPLACED ORINGS FEMALE TEMA FITTING,

WORK REPAIRS REQUIRED
FEMALE TEMA FITTING STILL LEAKING AGTER NEW ORINGS NEED NEW FITTING

QR8	31/07/09	0.0000	0	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
ORING KIT THROW HYDRALIC COUPLINGS, FITTED NYLON SKID PLATE TRAILER

QR8	12/08/09	0.0000	0	OE	- OEM. GEORGE	MI

SEE COMMENTS
COMMENTS
BRAKE 11MM 12MM FRONT AXLE, 11MM 11MM MIDDLE AXLE, 12MM 12MM REAR AXLE, BRAKE DRUMS SERVICEABLE, OEM SPEC 6MM MIN

QR8	20/08/09	0.0000	36,730	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
WORK REPAIRS CARRIED OUT
REPLACED LHF SPRING PACK AND REPLACED U BOLTS *2

WORK REPAIRS REQUIRED
BOTH FRONT SLACKADJUSTERS WONT LOCK, MUDGUARD BRACKETS RUSTED

QR8	18/09/09	0.0000	37,090	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT CWB

QR8	25/09/09	0.0000	0	A	- A SERVICE	MI

QR8	02/10/09	0.0000	0	A	- A SERVICE	MI

DNRM RTI DL Release

QR8	09/10/09	0.0000	38,743	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT CWB

QR8	15/10/09	0.0000	39,059	A	- A SERVICE	MI

QR8	22/10/09	0.0000	39,512	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
HOIST TRUNION PINS & BUSHES NEED REPAIRSING WORN
NEED WEAR PLATES TIPPING FRAME TO CHASSIS
CRACKS IN TIPPING FRAME AND AROUND CONTAINER PIN POINTS - MONITORING
RUST IN MUDGUARD BRACKETS
REGO STICKER FALLEN OFF

QR8	30/10/09	0.0000	39,780	A	- A SERVICE	MI

WORK REPAIRS REQUIRED NO REGO STICKER

QR8	07/11/09	0.0000	40,018	A	- A SERVICE	MI

QR8	25/11/09	0.0000	40,598	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
RIGHT REAR CONTAINER PIN/ BLOCK NEED REPLACING BADLY & STARTING TO CRACK UNDER BLOCK
OTHER CONTAINER PIN BLOCKS ALSO WORN

QR8	12/12/09	0.0000	41,414	A	- A SERVICE	MI

WORK REPAIRS CARRID OUT CWB

QR8	24/12/09	0.0000	42,103	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
ROCKER BOXES & SUSPENSION COMPLETELY WORN OUT

QR8	03/01/10	0.0000	42,815	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS CARRIED OUT
HOIST FEET WORN OUT
LHS MUDGUARD BRACKETS RUSTED OUT

DNRM RTI DL Release

QR8	23/01/10	0.0000	44,169	B	- B SERVICE	MI
QR8	30/01/10	0.0000	44,726	A	- A SERVICE	MI

WORK REPAIRS CARRIED OUT
CWB

WORK REPAIRS REQUIRED
ROCKER BOX BUSHES
RAM FEET FLOGGED OUT

QR8	09/02/10	0.0000	0	MAI	- GENERAL	

REMOVE HOIST CYLINDER AND REBUILD TRUNION MOUNTS
REMOVE HOIST CYLINDER FROM QR CONTAIN TRAILER QR8 REBUILD TRUNION MOUNTS UP ON HOIST CYLINDE TO THE BEST AS POSSIBLE WITHOUT STRIPPING CYLINDERS

QR8	09/03/10	0.0000	0			MI

WORK IN PROGRESS

WORK REPAIRS CARRIED OUT
REMOVE ALL WORN ROCKER BOX BUSHES, PINS ETC
REMOVE ALL & REPLACEMENT OF TRCK ROD BUSHES ALL AXLES
REPAIRED 2x AIRLINES

WORK REPAIRS REQUIRED
NEXT SERVICE RETENSION TRACK ROD & ROCKERS PINS

QR8	02/07/10	0.0000	0	MAI	- GENERAL	MI

FAULT REPAIR 01282 REPLACED CONTAINER PINS

QR8	26/08/10	0.0000	0	A	- A SERVICE	MI
QR8	01/09/10	0.0000	50,491	A	- A SERVICE	MI
QR8	08/09/10	0.0000	50,809	A	- A SERVICE	MI
QR8	22/09/10	0.0000	51,615	A	- A SERVICE	MI

WORK REPAIRS REQUIRED NO REGO STICKER

DNRM RTI DL Release

(7)

☐ SERVICE FAULT REPORT

SERVICE DUE AT .....

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 14/03/11

VEHICLE ID NO: 739 TRUCK TRAILER

ODOMETER READING: 199468.4 FAULT NO: 02765

DETAILS OF FAULTS

R/H FLASHING GLOBE NEEDS REPLACING
L/H LOW BEAM NEEDS REPLACING

PERSON REPORTING FAULT

PRINT NAME: [redacted]

SIGNATURE: 49-Sch4

DNRM RTI DL Release

☐ SERVICE FAULT REPORT

SERVICE DUE AT .....

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 11/3/11

VEHICLE ID NO: 737 TRUCK TRAILER

ODOMETER READING: 199224 FAULT NO. 02764
5471 HRS

DETAILS OF FAULTS

AIR CONDITIONER NOT WORKING
LH/S HIGH BEAM HEADLIGHT ABOUT
TO FAIL OUT.
LH/S WINDSCREEN WIPER U/S.
CLUTCH PEDAL OR LINKAGE U/S
NOT CLUTCH UP NOTHING HAPPENS
(SOMETIMES).
NO BACK UP LIGHTS

PERSON REPORTING FAULT

PRINT NAME: N. OSBORNE

SIGNATURE: 49-Sch4

DNRM RTI DL Release

☐ SERVICE FAULT REPORT

SERVICE DUE AT .....

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 8/3/11

VEHICLE ID NO: UNIT#739 TRUCK TRAILER

ODOMETER READING: 198201.1 FAULT NO. 02763

DETAILS OF FAULTS

CLUTCH NEED LOOKING AT
EVERY NOW & THEN CLUTCH
PEDAL GOES STRAIT TO THE FLOOR
(NO CLUTCH) + THEN IT WILL
COME BACK & WORK AGAIN.
AND CHECK ALTNATOR VOLTAGE
NOT GOING OVER 12 VOLTS
(LAZY STARTING).

PERSON REPORTING FAULT

PRINT NAME: [redacted]

SIGNATURE: 49-Sch4

DNRM RTI DL Release

[ ] SERVICE FAULT REPORT

SERVICE DUE AT _____

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 14/3/11

VEHICLE ID NO: 739 QR8 TRUCK/TRAILER

ODOMETER READING: 177663 [illegible] 02765

DETAILS OF FAULTS

BRAKE LIGHTS ON ALL TIME.

A/C NOT WORKING.

CLUTCH PEDAL STAYS ON FLOOR (SAME AS BEFORE)

PERSON REPORTING FAULT

PRINT NAME: N/ Sharpe

SIGNATURE: 49-Sch4

DNRM RTI DL Release

I.T. SERVICE FAULT REPORT

SERVICE DUE AT .....

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 14/3/11

VEHICLE ID NO: 739 QR8 TRUCK TRAILER

ODOMETER READING: 199663

DETAILS OF FAULTS

BRAKE LIGHTS ON ALL TIME.

A/C NOT WORKING.

CLUTCH PEDAL STAYS ON FLOOR (SAME AS BEFORE)

PERSON REPORTING FAULT

PRINT NAME: M Cairns

SIGNATURE: 49-Sch4

Copied 17/3

DIRM RTI DL Release

☐ SERVICE FAULT REPORT

SERVICE DUE AT _____

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

397QHV
396QHV

DATE OF FAULT: 9/11/10

VEHICLE ID NO: QR 7/8 TRUCK TRAILER

ODOMETER READING: _____ FAULT NO. 4247

DETAILS OF FAULTS

HYDOLIC HOSE FITING LEAKING ON A/B TRAILER

WHEEL NUTS MISSNG ON TRAILERS.

PERSON REPORTING FAULT

PRINT NAME: NEIL LUXFORD

SIGNATURE: 49-Sch4

DNRM RTI DL Release

☐ SERVICE FAULT REPORT

SERVICE DUE AT _____

IFE

ISA FREIGHT EXPRESS

FAULT REPORT

DATE OF FAULT: 7/10/20

VEHICLE ID NO: QR 08 TRUCK TRAILER

ODOMETER READING: _____ FAULT NO. 4242

DETAILS OF FAULTS

AIR LEAKING AROUND A BOOSTER
FIRST OR 2ND AXLE

PERSON REPORTING FAULT

PRINT NAME: Paul

SIGNATURE: 49-Sch4

DNRM RTI DL Release

UNIT - TRAILER QR8

9

CRT Group Pty Ltd

ISA WKSHP JOB DETAILS

Printed: 10:09:45 17 March 11
By:Donna McCormack Report: JWKIS01

Shows all jobs done for a particular Equipment code, one line per job, grouped by vehicle type & code

Filter Conditions for Report			Status Filters:-	Report Ordered By:-
Type Equipment	Trailer QR08	Trailer QR08	Jobs.status [X] Booked [X] Finished [X] Completed [ ] Quote [ ] Ignore [ ] Cancelled	equipment.type equipment.code jobs.date

Equipment Type: Trailer

Equipment	Date	Hours	Odo	Service	Depot
QR08	01/10/10	0.0000	0	A - A SERVICE	4GBISA
WORK REPAIRS REQUIRED NEEDS A NEW HUBMETER					
QR08	11/12/10	0.0000	0	C - C SERVICE	4GBISA
QR08	17/12/10	0.0000	0	A - A SERVICE	4GBISA
QR08	21/12/10	0.0000	0	A - A SERVICE	4GBISA
QR08	14/01/11	0.0000	0	B - B SERVICE	4GBISA
QR08	18/01/11	0.0000	0	B - B SERVICE	4GBISA
QR08	25/01/11	0.0000	0	B - B SERVICE	4GBISA
WORK RFPAIRS CARRIED OUT REPLACE RHR BOOSTER 3030					
QR08	02/02/11	0.0000	0	A - A SERVICE	4GBISA
QR08	06/02/11	0.0000	0	B - B SERVICE	4GBISA
QR08	22/02/11	0.0000	0	A - A SERVICE	4GBISA
WORK REPAIRS CARRIED OUT ADJUSTED BRAKES					
QR08	24/02/11	0.0000	0	B - B SERVICE	4GBISA
WORK REPAIRS CARRIED OUT CHANGED OUT 4"WHEEL STUD AND NUTS					

DNRM RTI DL Release

IFE DRIVERS WORK & TIME SHEET

DATE:_____ DRIVER:_____ 12

UNIT No: _____ TRAILER No: _____ KLM START:_____ KLM END:_____ ENG HR START:_____ ENG HR END: _____

START TIME:_____ FINISH TIME:_____ SHIFT: D N TOTAL HOURS LESS 1/2 LUNCH _____ (1/2 N/A ON N/SHIF

CHECK RADIO. Contact May Downs Gate on Channel 30 (PRIORITY). IF **CHANNEL 30 IS NOT WORKING DO NOT LEAVE THE YARD. ADVISE SUPERVISOR & COMPLETE FAULT REPORT.**

TIME IN TERMINAL	TIME OUT TERMINAL	DELAY REASON	PRODUCT OUT	CONTAINER/ISO NUMBER	CONTAINER/ISO NUMBER	PRODUCT IN *for Cement*	NUMBER CU/PB TONNES	CHECK LOAD FROM SILO No	PAINT COLOUR TO PLANT	TIME IN LOADING	TIME OUT LOADED	DELAY REASON	Q. SIGN
PRE START: START TIME:_____ FINISH TIME: _____													
NO			WORRIES				MATE						
AND			YOU			HAVE A		GOOD					
NIGHT													
HAND OVER: START TIME:_____ FINISH TIME: _____													

s. 78B

SHIFT RATING: Safe Unsafe

HAS HANDOVER INFORMATION BEEN GIVEN TO YOUR SUPERVISOR OR PERSON COMING ONTO NEXT SHIFT: Yes No

ALL PRIME MOVERS MUST BE FUELLED ON DAY SHIFT

R

DNRM RTI DL Release

IFB

PRE START CHECKLIST

The following checks are to be completed at the start of the shift for prime mover AND trailer:

- ❑ Check that you have the required PPE
- ❑ Check communications and satellite tracking systems (where applicable) as per procedure
- ❑ Drain air tanks daily
- ❑ Check air couplings attachments and air taps on prime mover
- ❑ Both air taps on prime mover must be turned on when the truck is attached to the trailer
- ❑ Check electrical plugs are connected properly
- ❑ Check all panels and readily visible structual members are secure
- ❑ Check air weight gauges
- ❑ Check fluid levels; visually check for leaks – fuel, oil, coolant
- ❑ Check windows, windscreen, mirrors, washers, wipers
- ❑ The windscreen and mirrors must be clean at the start of the shift
- ❑ Check vehicle registration label and number plates are in place
- ❑ Check all lights, flashing light – all must be working before you start your shift
- ❑ Check gauges and controls
- ❑ Check tyres and tread integrity and visually check wheels and wheel nuts
- ❑ Check vehicle for information tags
- ❑ Check wheel nuts with a wheel spanner where required as notified by Information Tag
- ❑ Check seat belts and fire extinguisher
- ❑ Check all fire extinguishers are in place on truck and trailers
- ❑ Check reverse beeper is working
- ❑ Check that securing devices on trailer are in place; container pins
- ❑ If your vehicle is loaded check that the load is secure and check for product leakage

- ❑ Perform truck and trailer brake test
- ❑ If in doubt, check routes and potential hazards

IF YOU ARE TO CARRY DANGEROUS GOODS:

- ❑ Check that dangerous goods label is in place
- ❑ Check that you have the correct signs, DG kit, correct paperwork and DG licence

Please mark all prime mover and trailer faults below in DRIVER COMMENTS and reference Fault Report Log#

DRIVER COMMENTS

_____

_____

_____

_____

_____

PLEASE ADVISE YOUR SUPERVISOR IF YOU DO NOT UNDERSTAND THE FOLLOWING:

YOU MUST:

- ✓ Understand the requirements of your shift duties and seek clarification and assistance where necessary
- ✓ Consider Environmental and safety risks
- ✓ Carry out your duties in an alert, safe, honest and competent manner
- ✓ Declare yourself fit for work and free from alcohol and drugs
- ✓ Follow all rules and procedures
- ✓ Report all incidents and work hazards
- ✓ Wear correct PPE

Date: _____

Driver: _____

Unit# _____

Trailer# _____

EMPLOYEE SIGNATURE: _____

SHIFT DUTIES:

DNRM RTI DL Release

IFE DRIVERS WORK & TIME SHEET

DATE:_____ DRIVER:_____

UNIT No: _____TRAILER No: _____ KLM START:_____ KLM END:_____ ENG HR START:_____ ENG HR END: _____

START TIME:_____ FINISH TIME:_____ SHIFT: D N TOTAL HOURS LESS 1/2 LUNCH _____ (1/2 N/A ON N/SHIFT)

CHECK RADIO. Contact May Downs Gate on Channel 30 (PRIORITY). IF CHANNEL 30 IS NOT WORKING DO NOT LEAVE THE YARD. ADVISE SUPERVISOR & COMPLETE FAULT REPORT.

TIME IN TERMINAL	TIME OUT TERMINAL	DELAY REASON	PRODUCT OUT	CONTAINER/ISO NUMBER	CONTAINER/ISO NUMBER	PRODUCT IN	NUMBER CU/PB	CHECK LOAD	PAINT COLOUR	TIME IN LOADING	TIME OUT LOADED	DELAY REASON	QR SIGN
PRE START: START TIME:_____ FINISH TIME: _____						for Cement	TONNES	FROM SILO No	TO PLANT				
				PLEASE CHECK									
				WHEEL NUTS									
				AXLE		RIGHT	SIDE						
				OF		TRAILER							
				10-2-11		6 10 AM							

HAND OVER: START TIME:_____ FINISH TIME: _____

SHIFT RATING: Safe Unsafe

HAS HANDOVER INFORMATION BEEN GIVEN TO YOUR SUPERVISOR OR PERSON COMING ONTO NEXT SHIFT: Yes No

ALL PRIME MOVERS MUST BE FUELLED ON DAY SHIFT

R

DNRM RTI DL Release

The following checks are to be completed at the start of the shift for prime mover AND trailer.

- ☐ Check that you have the required PPE
- ☐ Check communications and satellite tracking systems (where applicable) as per procedure
- ☐ Drain air tanks daily
- ☐ Check air couplings attachments and air taps on prime mover
- ☐ Both air taps on prime mover must be turned on when the truck is attached to the trailer
- ☐ Check electrical plugs are connected properly
- ☐ Check all panels and readily visible structual members are secure
- ☐ Check air weight gauges
- ☐ Check fluid levels; visually check for leaks – fuel, oil, coolant
- ☐ Check windows, windscreen, mirrors, washers, wipers
- ☐ The windscreen and mirrors must be clean at the start of the shift
- ☐ Check vehicle registration label and number plates are in place
- ☐ Check all lights, flashing light – all must be working before you start your shift
- ☐ Check gauges and controls
- ☐ Check tyres and tread integrity and visually check wheels and wheel nuts
- ☐ Check vehicle for information tags
- ☐ Check wheel nuts with a wheel spanner where required as notified by information Tag
- ☐ Check seat belts and fire extinguisher
- ☐ Check all fire extinguishers are in place on truck and trailers
- ☐ Check reverse beeper is working
- ☐ Check that securing devices on trailer are in place; container pins
- ☐ If your vehicle is loaded check that the load is secure and check for product leakage

- ☐ Perform truck and trailer brake test
- ☐ If in doubt, check routes and potential hazards

IF YOU ARE TO CARRY DANGEROUS GOODS:

- ☐ Check that dangerous goods label is in place
- ☐ Check that you have the correct signs, DG kit, correct paperwork and DG licence

Please mark all prime mover and trailer faults below in DRIVER COMMENTS and reference Fault Report Log#

DRIVER COMMENTS

_____

_____

_____

_____

_____

PLEASE ADVISE YOUR SUPERVISOR IF YOU DO NOT UNDERSTAND THE FOLLOWING:

YOU MUST:

- ✓ Understand the requirements of your shift duties and seek clarification and assistance where necessary
- ✓ Consider Environmental and safety risks
- ✓ Carry out your duties in an alert, safe, honest and competent manner
- ✓ Declare yourself fit for work and free from alcohol and drugs
- ✓ Follow all rules and procedures
- ✓ Report all incidents and work hazards
- ✓ Wear correct PPE

Date: _____

Driver: _____

Unit# _____

Trailer# _____

EMPLOYEE SIGNATURE: _____

SHIFT DUTIES:

DNRM RTI DL Release

IFE Bulk Solutions
DAILY VEHICLE CHECKLIST

The following checks are to be completed at the start of the shift for prime mover AND trailer:

- ☑ Check that you have the required PPE
- ☑ Check communications and satellite tracking systems (where applicable) as per procedure
- ☐ Drain air tanks daily
- ☑ Check air couplings attachments and air taps on prime mover
- ☑ Both air taps on prime mover must be turned on when the truck is attached to the trailer
- ☑ Check electrical plugs are connected properly
- ☑ Check all panels and readily visible structual members are secure
- ☑ Check air weight gauges
- ☑ Check fluid levels; visually check for leaks – fuel, oil, coolant
- ☐ Check windows, windscreen, mirrors, washers, wipers
- ☑ The windscreen and mirrors must be clean at the start of the shift
- ☑ Check vehicle registration label and number plates are in place
- ☑ Check all lights, flashing light – all must be working before you start your shift
- ☐ Check gauges and controls
- ☑ Check tyres and tread integrity and visually check wheels and wheel nuts
- ☑ Check vehicle for information tags
- ☑ Check wheel nuts with a wheel spanner where required as notified by Information Tag
- ☑ Check seat belts and fire extinguisher
- ☐ Check all fire extinguishers are in place on truck and trailers
- ☑ Check reverse beeper is working
- ☐ Check that securing devices on trailer are in place; container pins
- ☑ If your vehicle is loaded check that the load is secure and check for product leakage
- ☐ Perform truck and trailer brake test
- ☑ If in doubt, check routes and potential hazards

IF YOU ARE TO CARRY DANGEROUS GOODS:

- ☐ Check that dangerous goods label is in place
- ☐ Check that you have the correct signs, DG kit, correct paperwork and DG licence

Please mark all prime mover and trailer faults below in DRIVER COMMENTS and reference Fault Report Log#

DRIVER COMMENTS

_____

_____

_____

_____

_____

*PLEASE ADVISE YOUR SUPERVISOR IF YOU DO **NOT UNDERSTAND THE FOLLOWING:***

YOU MUST:

- ✓ **Understand the requirements** of your shift **duties and** seek clarification **and assistance where necessary**
- ✓ **Consider Environmental and safety** risks
- ✓ **Carry out your duties in an alert, safe, honest and competent manner**
- ✓ **Declare yourself fit for work and free from alcohol and drugs**
- ✓ **Follow all rules and procedures**
- ✓ **Report all incidents and work hazards**
- ✓ **Wear correct PPE**

EMPLOYEE SIGNATURE: 49-Sch4

Date: 20-1-11

Driver: LC[illegible]

Unit# 60

Trailer# QR01

[illegible] CERTIFICATE OF CO[illegible]

DNRM RTI DL Release

E DRIVERS WORK & TIME SHEET DATE: 19/1/11 DRIVER:______________

No: ______ TRAILER No: ______ KLM START:__________ KLM END:__________ ENG HR START:__________ ENG HR END: __________

START TIME:__________ FINISH TIME:__________ SHIFT: D N TOTAL HOURS LESS 1/2 LUNCH __________ (1/2 N/A ON N/SHIFT)

CHECK RADIO. Contact May Downs Gate on Channel 30 (PRIORITY). IF CHANNEL 30 IS NOT WORKING DO NOT LEAVE THE YARD. ADVISE SUPERVISOR & COMPLETE FAULT REPORT.

TIME IN TERMINAL	TIME OUT TERMINAL	DELAY REASON	PRODUCT OUT	CONTAINER/ISO NUMBER	CONTAINER/ISO NUMBER	PRODUCT IN for Cement	NUMBER CU/PB TONNES	CHECK LOAD FROM SILO No	PAINT COLOUR TO PLANT	TIME IN LOADING	TIME OUT LOADED	DELAY REASON	QR SIGN

PRE START: START TIME:__________ FINISH TIME:__________

~~DRIVER pls check wheel NUTS ON TRAILER middle wheel~~

TCAU 200 807 } LOADED OUT
TCAU 200 814 } OF SILO 7 UNLOADED
AT RAIL TO BE PICK
UP N/SHIFT 21-1-11

HAND OVER: START TIME:__________ FINISH TIME:__________

SHIFT RATING: Safe Unsafe

HAS HANDOVER INFORMATION BEEN GIVEN TO YOUR SUPERVISOR OR PERSON COMING ONTO NEXT SHIFT: Yes No

ALL PRIME MOVERS MUST BE FUELLED ON DAY SHIFT

R

DNRM RTI DL Release

Warning Truck
Stuck in
GEAR

Pusto

R

DNRM RTI DL Release

CRT GROUP

LEAVE ADVICE FORM

Date:	**29 November 2010**
Employee Name:	

Leave work on (Date):	
Return to work on (Date):	
Number of leave days requested:	
Public holidays during leave period:	

Leave Type:		(Days)
☐	Annual Leave	**PAY IN ADVANCE** ☐ **Yes** ☒ **No**
☐	Personal Leave ☐ Sick Leave ☐ Carer's Leave	
Other leave:	*Authorisation subject to the provision of additional supporting documents (i.e. Jury Notice Letter or Medical Certificates)*	
☐	Bereavement	
☐	Study	
☐	Jury Duty	
☐	Long Service	
☐	Parental Leave (Maternity / Paternity)	
☐	WorkCover	
☐	Leave Without Pay	
☐	Discretionary	

Certificates / Documents attached?	☐ Yes ☐ No	**Number of Forms Attached:**	

Dates covered by the Certificates / Documents (List):

Manager Comments:

Signature: _____ *(Employee)* **Signature:** _____ *(Supervisor)*

Authorised: _____ *(Manager)* **Date:** _____

Note: Annual / Long Service Leave must be authorised and forwarded to Payroll 10 days prior to the commencement of leave.

Office Use:

DNRM RTI DL Release

FE DRIVERS WORK & TIME SHEET

DATE: 26-2-2011 DRIVER: TERRY KROSS

UNIT No: 21 TRAILER No: 916 KLM START: 33924 KLM END: _____ ENG HR START: _____ ENG HR END: _____

START TIME: 7Am FINISH TIME: 6Pm SHIFT: D N TOTAL HOURS LESS 1/2 LUNCH _____ (1/2 N/A ON N/SHIFT)

CHECK RADIO. Contact May Downs Gate on Channel 30 (PRIORITY). **IF CHANNEL 30 IS NOT WORKING DO NOT LEAVE THE YARD. ADVISE SUPERVISOR & COMPLETE FAULT REPORT.**

TIME IN TERMINAL	TIME OUT TERMINAL	DELAY REASON	PRODUCT OUT	CONTAINER/ISO NUMBER	CONTAINER/ISO NUMBER	PRODUCT IN	NUMBER OU/PB	CHECK LOAD	PAINT COLOUR	TIME IN LOADING	TIME OUT LOADED	DELAY REASON	QR SIGN
PRE START: START TIME: 7Am FINISH TIME: 6Pm						for Cement	TONNES	FROM SILO No	TO PLANT				
HAND OVER: START TIME: 7Am FINISH TIME: 6Pm													

SHIFT RATING: (Safe) Unsafe

HAS HANDOVER INFORMATION BEEN GIVEN TO YOUR SUPERVISOR OR PERSON COMING ONTO NEXT SHIFT: (Yes) No

ALL PRIME MOVERS MUST BE FUELLED ON DAY SHIFT

R

DNRM RTI DL Release

IFB

DAILY VEHICLE CHECKLIST

The following checks are to be completed at the start of the shift for prime mover AND trailer:

- ❑ Check that you have the required PPE
- ❑ Check communications and satellite tracking systems (where applicable) as per procedure
- ❑ Drain air tanks daily
- ❑ Check air couplings attachments and air taps on prime mover
- ❑ Both air taps on prime mover must be turned on when the truck is attached to the trailer
- ❑ Check electrical plugs are connected properly
- ❑ Check all panels and readily visible structual members are secure
- ❑ Check air weight gauges
- ❑ Check fluid levels; visually check for leaks – fuel, oil, coolant
- ❑ Check windows, windscreen, mirrors, washers, wipers
- ❑ The windscreen and mirrors must be clean at the start of the shift
- ❑ Check vehicle registration label and number plates are in place
- ❑ Check all lights, flashing light – all must be working before you start your shift
- ❑ Check gauges and controls
- ❑ Check tyres and tread integrity and visually check wheels and wheel nuts
- ❑ Check vehicle for information tags
- ❑ Check wheel nuts with a wheel spanner where required as notified by Information Tag
- ❑ Check seat belts and fire extinguisher
- ❑ Check all fire extinguishers are in place on truck and trailers
- ❑ Check reverse beeper is working
- ❑ Check that securing devices on trailer are in place; container pins
- ❑ If your vehicle is loaded check that the load is secure and check for product leakage

- ❑ Perform truck and trailer brake test
- ❑ If in doubt, check routes and potential hazards

IF YOU ARE TO CARRY DANGEROUS GOODS:

- ❑ Check that dangerous goods label is in place
- ❑ Check that you have the correct signs, DG kit, correct paperwork and DG licence

Please mark all prime mover and trailer faults below in DRIVER COMMENTS and reference Fault Report Log#

DRIVER COMMENTS

_____

_____

_____

_____

_____

PLEASE ADVISE YOUR SUPERVISOR IF YOU DO NOT UNDERSTAND THE FOLLOWING:

YOU MUST:

- ✓ Understand the requirements of your shift duties and seek clarification and assistance where necessary
- ✓ Consider Environmental and safety risks
- ✓ Carry out your duties in an alert, safe, honest and competent manner
- ✓ Declare yourself fit for work and free from alcohol and drugs
- ✓ Follow all rules and procedures
- ✓ Report all incidents and work hazards
- ✓ Wear correct PPE

Date: _____

Driver: _____

Unit# _____

Trailer# _____

EMPLOYEE SIGNATURE: _____

SHIFT DUTIES:

R

DNRM RTI DL Release

13

Buchbach, Anthony (Mount Isa - Copper)

From: McDonald, David (Townsville - Copper)
Sent: Thursday, 17 March 2011 11:37 AM
To: Buchbach, Anthony (Mount Isa - Copper)
Subject: Fw: CRT Operations Suspended Until Further Notice

Dave McDonald

From: Roberts, Mark (Townsville - Copper)
To: Watson, Bruce (Mount Isa - Copper); Sharkey, Merv (Townsville - Copper); McDonald, David (Townsville - Copper); Bethune, Robert (Townsville - Copper)
Cc: Read, Karen (Mount Isa - Copper); de Kruijff, Steve (Mount Isa - Copper); Pike, Nathan (Mount Isa - Copper)
Sent: Thu Mar 17 10:58:25 2011
Subject: FW: CRT Operations Suspended Until Further Notice

Bruce, Merv,

As discussed, I require at least the following to be reviewed prior to any resumption of services of CRT. There may be some additional requirements based on a review of the incident this morning.

1) Review maintenance log on the equipment concerned to ensure works were completed as per requests from previous incident. Confirmation required that the equipment was approved by Xstrata to commence works back on site.
2)Review a sample of six operators actual hours worked over the last month against planned roster hours.
3)What will CRT/ARG put in place to ensure a safe operation until the outcomes from the two incidents are enacted.
4) Dave McDonald to attend CRT morning prestart/PASS meeting to ensure that those action plans are being adhered to.

A couple of other areas that need to be worked on in parallel are:
1) What is the Drug and Alcohol testing regime for this group - can they access site via container park without being tested etc??
2) Immediate review by ARG on their Safety Management Plan and how it cascades through their organisation and sub contractors. Compliance to the plan and opportunities for improvement. Xstrata to audit SMP implementation
3)Review of ongoing supervision of the on site logistics contract

These are only my thoughts/requirements at this stage and would appreciate additional comments.

Mark Roberts | General Manager - Townsville Operations | Xstrata Copper - Townsville
| phone (07) 4781 8205 | fax (07) 4778 2308 | mobile 49-Sch4 e-mail 49-Sch4
| PO Box 5484 Townsville 4810

From: Brice-Houseman, Roslyn (Mount Isa - Copper)
Sent: Thursday, 17 March 2011 9:45 AM
To: Armstrong, Clint (Mount Isa - Zinc); Streczynski, Antonio (Mount Isa - Copper); Garner, Vince (Mount Isa - Zinc); Nilsson, Stephen (Mount Isa - Copper); Ezzy, Scott (Mount Isa - Zinc); Draffen, Ken (Ernest Henry - Copper); Johnston, Myles (Ernest Henry - Copper); Page, Tony (Mount Isa - Copper); Pike, Nathan (Brisbane - Copper); Purkis, Adam (Mount Isa - Copper); Read, Karen (Brisbane - Copper); Roberts, Mark (Townsville - Copper); Telford, Paul (Mount Isa - Copper); Westerman, Mike (Mount Isa - Copper)

DNRM RTI DL Release

Cc: Hearne, Brian (Brisbane - Zinc); de Kruijff, Steve (Mount Isa - Copper); Watson, Bruce (Mount Isa - Copper)
Subject: CRT Operations Suspended Until Further Notice

Following a vehicle roll over at the Container Park last night all CRT operations have been suspended until further notice.

We are currently working with CRT, ARG and the Mines Inspector to resume services as soon as possible.

We apologise for any inconvenience.

Regards

Bruce Watson
Manager Supply and Contracts

DNRM RTI DL Release

Employee Resource Edit View Tools Help

Employee s78B(2) Privacy

Employee Resources

	Resource Type	Description	Effective Date	Display Lvl	Comp Level Desc	Date Gained	Review Expiry Date	History Status De...	Prim Res Ind
1									
2	E	GY14	Backhoe - Mining	26/03/1997			26/03/1997		NO
3	E	GY09	Skid Steer Loader - Mining	23/06/1997			23/06/1997		NO
4	E	GY13	Excavator - Mining	22/11/1997			22/11/1997		NO
5	E	GY12	Elevated Work Platform - Mining	22/11/1999			22/11/1999		NO
6	C	ID02	George Fisher 12, Fuel Bay	1/06/2001	06	COMPETENT	1/06/2001		NO
7	E	I328	SUPPLY VEHICLE Normet TICKET	26/02/2002	06	COMPETENT	22/03/2002		NO
8	C	I317	SECONDARY BREAKING	29/03/2002			29/03/2002		NO
9	E	GY05	Grader - Mining	16/04/2003	06	Competent	23/06/1997		NO
10	E	IGLV	LOGISTICS UNIT Telehandler TICKET	16/04/2003	06	COMPETENT	16/04/2003	16/04/2005	NO
11	E	IGL3	1700 LHDU Unit Ticket	7/05/2003	06	COMPETENT	7/05/2003		NO
12	I	CA06	Harassment & Discrimination	10/05/2003	06	Competent	10/05/2003	10/05/2004	NO
13	I	IGIU	INDUCTION-ISA SITE U/G	30/07/2003	06	Competent	30/07/2003		NO
14	I	IGSI	ISA SITE SPECIFIC INDUCTION	30/07/2003	06	COMPETENT	30/07/2003		NO
15	C	IGGS	Driving on MIM Surface Operations	15/10/2003	06	COMPETENT	23/10/2003	15/10/2005	NO
16	I	CD76	Safety Talk - Self Rescuers	16/10/2003	06	Competent	16/10/2003	16/10/2004	NO
17	I	ID02	UG Area Induction - OF	16/10/2003	06	COMPETENT	16/10/2003		NO
18	E	GM01	Truck Ticket	23/10/2003	06	Competent	15/11/2003	23/10/2005	NO
19	I	1193	ERB Information Session	23/10/2003	06	COMPETENT	23/10/2003		NO
20	I	IGIS	Induction Mining Underground	23/10/2003	06	COMPETENT	23/10/2003	23/10/2005	NO
21	I	IGI4	Mining Surface Induction	23/10/2003	06	COMPETENT	23/10/2003	23/10/2005	NO
22	I	GD41	Safety Talk - Heat Stress	1/12/2003	06	Competent	1/12/2003	1/12/2004	NO
23	E	IGGD	General Driving Underground	6/10/2004	06	COMPETENT	22/03/2002	6/10/2006	NO
24	I	IGGU	GENERIC U/G INDUCTION (QMETAS)	29/07/2005	06	Competent	29/07/2005	29/07/2007	NO
25	I	ID01	INDUCTION-COPPER CONCENTRATOR	15/05/2007	06	COMPETENT	15/05/2007	15/05/2008	NO
26	L	GY27	Driver's Licence - MC	10/06/2008	06	Competent	10/06/2008	23/06/2013	NO
27	I	ID01	Surface Area Induction - OF	24/06/2008	06	COMPETENT	24/06/2008	24/06/2010	NO
28	C	ID22	Induction BSOC	23/07/2008	06	COMPETENT	23/07/2008	23/07/2009	NO
29	C	GD14	Induction - Generic Surface Mat (MSC)	9/07/2009	06	Competent	9/07/2009	9/07/2011	NO
30	I	PSIS	PASS Information Session	10/07/2009	06	COMPETENT	10/07/2009		NO
31	C	GD08	Fire Extinguisher & Emergency Response	4/03/2011	06	Competent	4/03/2011	4/03/2012	NO
32	C	GD35	CPR	4/03/2011	06	COMPETENT	4/03/2011	4/03/2012	NO

Resource Filters

Date Printed	22 March 2011 13:03:29
Ellipse Userid	akuzmanovi
Program Name	MSQ765.exe
Program Description	MSQ765 Employee Resources
Version	ACC
Revision	3 Date: Wednesday, 13 September 2006
Module	3760
Product Version	6.1.0.0
File Version	[illegible]
Location)	C:\Program Files\Mincom\Ellipse\WinView\Bin\
Compiled Date	14 September 2006 15:09
Form Name	frmMSQ76502DetailView1

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NORTH WEST CRANE HIRE

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Job Description: Truck and trailer recovery CRT	
Job No:	**Job Site: CRT haul Rd**
Date: 17/03/2011	
Client Representative: Chris Trott (CRT)	**JSA No: 011**

REFERENCES:
Mining & Quarrying Safety & Health Act 1999
Mining & Quarrying Safety & Health Regulations 2001
Workplace Health & Safety Legislation
MIM SH&E Site Procedures
Risk Assessment carried out using Xstrata Risk Matrix – FRM-119004

▪ All personnel to have completed relevant inductions prior to commencing work.
▪ All personnel to wear and use site specific PPE at all times.
▪ NWCH JSA to be read and signed off prior to the commencement of works.

METHODOLOGY:	
▪	Mobilise to site
▪	Obtain relevant permits from Xstrata personnel Road closure Permits, Permits to work
▪	Check ground conditions and set up crane for lift
	Position timbers under front of trailer to prevent trailer from falling once disconnected from truck. (This is a precaution only.)
▪	Check rigging gear
▪	Attach rigging gear to truck, lift truck and slew away to release truck from trailer and lower to ground.
▪	Reposition chains on truck and roll upright and load onto stand by trailer
▪	Attach rigging gear to trailer lift to a height where the trailer is clear of the anodes and place on ground
▪	Re-attach rigger to trailer and roll to the upright position and load on to standby trailer
▪	Demobilise
▪	

Description
***Job/Task Step** – What am I about to do?*
***Existing Potential Hazard** – What can go wrong?*
***Consequence** – **Realistic** consequence of something going wrong.*
***Likelihood** – How often does the consequence happen when job performed.*
***Risk Score** – Use risk table.*
***Controls** – Prevent it from going wrong.*
***Responsible** – Person implementing controls.*
***Completed** – Control implemented.*

	1	2	3	4	5
A	11	16			
B		12	17		
C			13		
D				14	
E				10	15

High – Immediate Action Required

Consequence		**Likelihood**
5	Catastrophe	A Almost Certain
4	Major	B Likely
3	Moderate	C Occasional
2	Minor	D Unlikely
1	Insignificant	E Rare

NOTES:

FILE NAME: S:\Northwest Cranes\HSEC & Everything Concerned\Job Safety Analysis Completed\Area JSA's\IDC JSA\IDC 011 JSA Recover CRT Truck and trailer Huddles turn off.doc
REVISION: 0
DATE: 17/03/2011

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NORTH WEST CRANE HIRE

Step #	Process Steps List the steps required to perform the task in the sequence they are carried out.	Potential Hazard/s Against each step list potential hazards that could cause injury when the task is performed.	No Control Risk Score	With Control Residual Risk	Hazard Control Measures / Procedures For each hazard identify the control measures required to eliminate or minimise the risk of injury.	Responsible Person/s
1.	Mobilise to site	1. Equipment failure or damage 2. Manual handling	20 19	1 2	1. All equipment and machinery to have pre-starts conducted prior to use 2. Correct manual handling techniques and PPE to be used 3. All Personnel to be inducted and familiar with site procedures	Supervisor
2.	Obtain permits if required	1. Unauthorised work in area 2. Traffic on road causing accident	19 20	2 1	1. Ensure all personnel inducted and familiar with site procedures 2. Xstrata to obtain road closure permits and work permits. Operators to check if permits are required	Supervisor/all personnel
3.	Lift studies to be completed	1. Work group not familiar with lift requirements.			1. Operator and riggers must go through lift study and JSA prior to starting work to make sure that everyone involved knows the tasks required.	Operator/ Rigger
4.	Check ground conditions and set up crane	1. Other workers in area 2. Underground and over head services 3. Manual handling 4. Crane stability 5. Ground falling away from edge of road	20 21 19 20 22	2 1 2 2 1	1. Ensure road closure is in place and unauthorised personnel are out of work area 2. Check area for underground services and overhead powerlines prior to setting up crane 3. Personnel to use correct lifting techniques when lifting timbers into position. 4. Bog pads or timbers must be used when setting up crane to ensure adequate area of outrigger packing for ground conditions 5. Crane pads should be in the centre of bog pads or timbers so that they are not on the edge of the road	Crane operator/ Rigger

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DATE: 17/03/2011

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5	Position timbers at the front of the trailer to prevent trailer from falling once disconnected from truck. (This is a precaution only)	1. Manual handling causing back injury 2. Hand injuries	19 19	2 2	1. Personnel to use team lift and or correct manual handling techniques when placing timbers into position. 2. Personnel to wear gloves when performing manual handling duties.	All personnel
6	Attach rigging gear to truck and take weight, release turn table pin lift truck and slew away from trailer and lower truck to ground	3. Working in close proximity to other personnel and mobile equipment 4. Unauthorised personnel. 5. Manual lifting 6. Unstable ground conditions 7. Uncontrolled movement of load	20 20 19 21 21	2 2 2 1 1	3. All persons must have the appropriate certificates of competency and suitable experience to operate mobile equipment 4. Unauthorised personnel not permitted in area at any time during set up and when lift is taking place. 5. Correct manual handling techniques and PPE to be used. 6. Have spotters checking outrigger pad areas to make sure that they are not sinking as the weight is being applied to the crane. 7. Only one rigger to control the lift, there can be spotters placed in different areas but they will not control the lift at any stage. Two way radios or hand signals to be used by the rigger to direct the lift.	Operator/ Rigger

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NORTH WEST CRANE HIRE

7	Re-position chains on prime mover and roll prime mover into the upright position and load onto trailer	1. Damage to Prime Mover, trailer and lifting equipment 2. Uncontrolled movement of load 3. Personnel under load	21 20 23	1 2 1	Ensure packing is placed between lifting equipment and load One rigger to control the lift and all unauthorised personnel to be kept clear at all times when lifting in progress Personnel are not permitted to work and or walk under load while it is in the air.	Operator Rigger
8	Lift trailer to a height that clears the anodes and slew away and place on ground. Re-connection chains to trailer and roll into the upright position and place on standby trailer	1. Damage to trailer and lifting equipment 2. Uncontrolled movement of load 3. Personnel under load	20 20 23	1 2 1	1. Ensure packing is placed between lifting equipment and load 2. One rigger to control the lift and all unauthorised 3. personnel to be kept clear at all times when lifting in progress	Operator Rigger
9	**Additional Hazards** Manual Handling tasks	1. Manual Handling injury.	18	5	1. Personnel to use mechanical lifting devices as first option where suitable. Team lift to be used as second option where suitable. Correct manual handling techniques to be used for manual handling activities. Gloves to be worn when handling timbers and chains	All personnel
10	**Additional Hazards** Dehydration	1. Dehydration causing illness	18	2	1. Due to the environment in which you are working make sure that you are drinking plenty of water & regular rest breaks in the shade or A/C areas	All personnel
11	**Additional Hazards** Environment	1. Oil spill from engine, gear box and or fuel tank	20	1	1. Operator must check area for oil spills after set up, if there is a large oil spill the work must stop and the incident reported to the client and NWCH.	Operator Rigger

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NORTH WEST CRANE HIRE

12	**Additional Hazards** Environment	1. Flora and fauna in working area	20	2	1. When setting up crane and moving loads around operator and rigger must be aware of what flora is in the area so as not to cause damage.	Rigger/ Operator

Please sign to state you have read, understand and shall comply with the contents of this document:

Name	Signature	Date	Name	Signature	Date

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REVISION: 0
DATE: 17/03/2011

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NORTH WEST CRANE HIRE

This section is for additional steps that need to be done on the activity.

Step	Hazards	Risk score	Control Measures	Residual Risk

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DATE: 17/03/2011

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KRAUSE HEALTH & SAFETY PTY LTD
PO BOX 940
MOUNT ISA QLD 4825
Phone: 07 47433504
Fax: 07 47433507

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STATEMENT OF COMPLETION

This is a statement that

s78B(2) Privacy

has been assessed as having successfully completed the following course

Generic Induction Metalliferous Core

presented by

KRAUSE HEALTH & SAFETY PTY LTD

49-Sch4

Trainer/Assessor.
Authorised Signatory

Date: 9th July, 2009.

ISSUE B

FEBRUARY 2009

DNRM RTI DL Release

KRAUSE HEALTH & SAFETY PTY LTD

PO BOX 940
MOUNT ISA QLD 4825
Phone: 07 47433504
Fax: 07 47433507

A Statement of Attainment is issued by a Registered Training Organisation when an individual has completed one or more units of competency from nationally recognised qualification(s)/course(s).

This is a Statement that

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has attained

RIIERR205A Apply initial response First Aid
RIIERR201A Conduct fire team operations

These Competency Units form part of

RII20209 Certificate II in Surface Extraction Operations

49-Sch4

David Anderson – Authorised Signatory
Director/Manager

Date: 4th March, 2011

NATIONALLY RECOGNISED TRAINING
NATIONAL PROVIDER
No. 6401

This Statement of Attainment is recognised within the Australian Qualifications Framework.

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
CREW A																																
Rob (Buster) Rohwedder Kevin Murphy John Turner - Axial Andrew Wilson - Axial Glen Thomson - Axial	0	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N
CREW B																																
Bill Boss Daniel Kyle Nigel Crane - Axial Greg Elliot - Axial Don Stephenson - Axial	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O
CREW C																																
Paul Wilson Terry Robson Neville Joyner - Axial Lawrence Chambers - Axial Rei Edwards - Axial	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D

Chris O'Reilly (Loader)
Dean Snellin - light duties
Craig Bennett (previously Crew B)
Zac Jensen - Tyre Fitter - Axial

MARCH 2011 LOCAL DRIVERS ROSTER

S:\FE\Admin\Roster

R

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4
	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
CREW A																																
Rob (Buster) Rohwedder																																
Kevin Murphy																																
~~David Williams - Axial~~																																
Andrew Wilson - Axial	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D
CREW B																																
Bill Boss																																
~~Craig Bennett~~																																
Daniel Kyle - ~~Axial~~	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N
~~Terry Robson - Axial~~																																
CREW C																																
Paul Wilson																																
~~Glenn Parekura~~																																
Neville Joyner - Axial																																
Lawrence Chambers - Axial	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O	D	D	D	N	N	N	O	O	O
Terry Robson																																

Chris O'Reilly (Loader)
Dean Snellin - Medical
~~Greg Elliot - Axial~~

FEBRUARY 2011 LOCAL DRIVERS ROSTER

S:\FE\Admin\Roster

R

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Form no. 10607 I-version (Mar 2

Employee Accident/Incident Report

For reporting cases of work-related injury (including "near misses"), illness or disease, and workplace violence (including verbal and physical abuse)

ISIS number *(Office use only)*

ABOUT THIS FORM

ALL accidents and incidents (including assault and workplace violence) which have, or could have, caused injury, illness or death to QR employees, or any other workers on QR sites, must be recorded.

Who completes what?

- Sections 1 & 2 – completed by employee (if possible)
- Section 3 – completed by employee's immediate supervisor
- Sections 4 to 8 – as per your business instructions (BIs)

Forwarding instructions

- Sections 1 to 3 – send a ***copy*** or fax to the ER Workers Compensation Clerk as soon as possible
- All Sections – ***original*** to Corporate Safety Division as per your business instructions (BIs)

SECTION 1 EMPLOYEE'S DETAILS

Service number

Date of birth

Section 78B

Full name

s78B(2) Privacy

Contact address

s78B(2) Privacy

Contact telephone number and/or mobile phone number

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Job title when accident/incident occurred

Employment type –

Permanent ☐ *Fixed-term* ☐ *Casual* ☑ *Other* ☐

Permanent location

Duty status at the time of the accident/incident –

Normal work duties (including overtime) ☑ *Journey to work* ☐ *Journey from work* ☐ *Journey on duty* ☐ *Recess at work* ☐ *Recess not at work* ☐

Starting time - or time due to start work *(24 hour clock)* hours

SECTION 2 ACCIDENT/INCIDENT DETAILS

1 When did the accident/incident happen or become noticed?

Date *(day/month/year)* 16/3/10

Time *(24 hour clock)* 10 hours

22.15

2 Where EXACTLY did the accident/incident happen?

For example:

- *on track between Darra and Wacol Stations*
- *on stairs to Platform 6, Central Station*
- *welding section, Redbank Workshop*

cr + haul road on the leas

Km point *(if applicable)* N/A

Train no. *(if applicable)* N/A

3 Did you become injured or ill because of the accident/incident?

Section 78B

Indicate outcome

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Describe the type of injury or illness and (if appropriate) the body part affected.

(eg fractured right arm; cut left leg; asthma attack)

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Is the injury or illness a recurrence of a previous injury or illness?

Section 78B

4 Did you cease duty as a result of the accident/incident?

No ☐ Yes ☑ Date and time stopped 17/3/11 22:20 hours

5 Do you intend to claim medical expenses and/or Workers' Compensation?

Section 78B

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Attach additional page/s if you need more space to write your comments.

6 Give as many details as you can to describe what happened. Include...

- **job or task you were doing**
- **what happened unexpectedly to cause the accident/incident**
- **what object or thing caused (or could have caused) the injury/illness – include the name of any chemical, product, process or equipment**

Example A

- *removing sleepers with sleeper tongs*
- *sleeper tong slipped causing me to fall backwards*
- *fell on my backside jarring my back*

Example B

- *preparing hot drinks in galley*
- *train lurched causing me to spill hot liquid on hand*
- *hot liquid burnt left hand*

Example C

- *grinding aluminium weld*
- *sparks flew up under face shield*
- *piece of aluminium went in left eye*

LOADED TRUCK AT SALTER LEFT LOADING AREA

s78B(2) Privacy

s78B(2) Privacy

7 Were you a victim of workplace (worker-on-worker) violence?

Section 78B

8 Tick the personal protective equipment (PPE) you were wearing at the time of the accident/incident.

Hi-vis clothing ☑ Safety glasses ☐ Safety hat ☐

Safety boots ☐ Safety gloves ☐

List other PPE (eg Respiratory Equipment)

Long Sleeve Shirt

9 Were any motor vehicles involved in the accident/incident?

No ☑ Yes ☐ *Give registration numbers and if possible, drivers' details for ALL vehicles involved*

10 Did anybody witness the accident/incident?

No ☑ Yes ☐ *List their names and if possible, contact details*

11 If you have any suggestions for preventing similar accidents/incidents occurring, write them here.

NIL

12 Employee's signature **Date**

49-Sch4

16/3/11

What next?

– Check you have completed all questions in Sections 1 and 2
– Give the completed form to your immediate supervisor as soon as possible

SECTION 3 SUPERVISOR'S COMMENTS

1 When was the accident/incident reported to you?

Date *(day/month/year)* 15/3/11 Time *(24 hour clock)* 22 20 hours

2 Did the employee return to duty on the same day the accident/incident occurred?

Yes ☐ No ☑ Did they, or are they likely to, return to duty on the next shift? Yes ☐ No ☑

3 Are you satisfied that the accident/incident occurred as described in this report?

Yes ☑ No ☐ List your reasons on a separate page and attach to back of report

4 Have you advised your Safety Officer and/or Workplace Rehabilitation Co-ordinator?

Yes ☑ No ☐ Please do so as soon as possible

5 Supervisor's details

Service number

Telephone number

Section 78B

Name

Dave Corrigan

Signature

49-Sch4

Date

16/3/11

What next?

– Send a copy or fax sections 1 to 3 to the ER Workers Compensation Clerk immediately
– Sections 4 to 8 to be completed and the ***original*** copy of the report forwarded to Corporate Safety Division as per your business instructions (BIs).

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ACCIDENT REPORT

WHO WAS INJURED?

NAME OF INJURED PERSON s78B(2) Privacy

ADDRESS s78B(2) Privacy

OCCUPATION TRUCK DRIVER SECTION/DEPT MT ISA

DATE CEASED WORK 16 03 2011 SHIFT: DAY/ A/NOON:NIGHT NIGHT SEX [M/F] m

WHO WAS THE INJURED PERSON'S SUPERVISOR? QUENTON PRESTON

WHEN DID THE ACCIDENT HAPPEN?

When did the accident occur? Date 16/03/2011 Time 10'15" Day WED

Date ceased work? 16.03.2011 Shift? Day ☐ Afternoon ☐ Night ☑

WHEN WAS THE ACCIDENT REPORTED? While working ☑ During a Recess ☐ Travelling To/From Work ☐

WHO WAS THE ACCIDENT REPORTED TO?

Name _____ Position _____

WERE THERE ANY WITNESSES

NO ☑ YES ☑ If YES, who? Quenton Preston

WHERE DID THE ACCIDENT OCCUR?

☐ CRT Depot ☐ Yard ☐ Shed ☐ Workshop

☐ Outside property

☑ Other XSTRATA

MEDICAL TREATMENT WHAT MEDICAL TREATMENT WAS GIVEN TO THE INJURED PERSON?

Section 78B

ACCIDENT/INCIDENT NO _____

NOTE: As well as this form you are required to fill out Forms CRT QA F05 & CRT QA F06

R

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MEDICAL REPORT

[A] PROBABLE DURATION OF INCAPACITY

[B] PART OF BODY INJURED

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[C] NATURE OF INJURY

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[D] TYPE OF INCIDENT

☐ Falling	☐ Struck	☐ Stepping on	☐ Caught	☐ Strain
☐ Temperature	☐ Electricity	☐ Poison	☑ Other	

[E] AGENCY OF INJURY

☐ Machinery	☐ Powered hand tools	☐ Hand Tools	☐ Lifting equipment
☑ Transport	☐ Static equipment	☐ Other equipment	☐ Working equipment

NOTE: As well as this form you are required to fill out forms CRT QA F04 & CRT QA F06

R

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STATEMENT BY INJURED EMPLOYEE

[1] **WHAT WAS EMPLOYEE DOING, HOW DID INJURY OCCUR?**
[Describe work being performed, list sequence of events]

[A] Travel from CRT depot to CU smelter
[B] Truck loaded by ~~x~~ Straits operator at Cu smelter
[C] Travel from Cu smelter to Accident site
[D]
[E]
[F]

[2] **WITNESSES (NAMES)** Section 78B

Phone Nos.

[3] **HOW DID THE ACCIDENT HAPPEN?—BE SPECIFIC**

[4] **CAN THIS ACCIDENT BE PREVENTED FROM HAPPENING AGAIN?**

☐ YES ☐ NO

[5] **YOUR COMMENTS**

Signature of Injured Perso	49-Sch4	Date 21/03/2011
Signature of Supervisor		Date 21/03/2011
Signature of First Aider		Date
Signature of person completing this form		Date 21/03/2011

NOTE: You are also required to fill out forms CRT QA F04 & CRT QA F05

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CRT PTY LTD

COPPER ANODES

20/03/2007	Rev 02	Authorised By: Operations Manager	REVIEW	20/03/2008	SWP-OLL-001

Flowchart Procedure

Prestart on vehicle must have been completed at start of shift

↓

Travel to Container Terminal & **load with 2 emtpy racks** (if not already loaded)

↓

Secure racks on trailer and fill in paperwork

↓

Proceed to copper smelter via haul road

↓

Place trailers beside Copper Smelter platform for loading

↓

Smelter forklift operator to load anodes

↓

IFE drivers are not allowed into the loading area until the front rack is loaded, then stand up on that rack

↓

Walk around truck to ensure all anodes are secure in anode racks

↓

Count anodes and return to terminal via haul road

↓

Complete paper work prior to unpinning racks

↓

Terminal Operator to lift racks off trailer, count anodes and complete paper work

↓

Visually check truck & tyres before reloading

Key Points

Delivery Times
Copper Anodes can be loaded at any time 24 hours per day

Cu Sm Control Shift/Foreman: 4744 2901

SAFETY
Respirators must be carried at all times in the Copper Smelter.

Call on radio when entering the Hilton Haul Rd and again before entering the Isa gate to advise anyone else using the road that you are there.

PPE
Hard Hat
Safety Glasses
Respirator
Safety Boots
Long Sleeve High Visibility Shirt
Long Trousers
Ear Muffs

Supervisor DALE 0408 493 489

Emergency Numbers MIM:
Internal Telphone: 2222
Mobile: 4744 2222

Training & Inductions
Surface Generic Induction
Xstrata MIM Access Card
Copper Smelter
MC or HC Driver's Licence
IFE Induction
QR Conditions of Entry

ID card must be carried at all times on MIM site

Equipment:
64 tonne trailer
Prime Mover

R

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TOOLBOX MEETING RECORD

WORK GROUP: A CREW NIGHT SITE: MOUNT ISA DATE: 16-03-11 TIME: 5-55PM

PARTICIPANTS:	49-Sch4

PURPOSE: ☐ Management Communication ☑ Team Issues & Sharing ☐ Pre Job Safety Check ☐ Post Job Safety Check
☐ Quality ☑ Safety ☐ HACCP ☑ Environment

MEETING AGENDA ITEMS:

ROAD CONDITIONS		
CEMENT SILO'S		

INSTRUCTIONS / NOTICES TO BE RAISED WITH THE GROUP:

MANAGER / SUPERVISOR ATTENDING: QUENTIN PRESTON.

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CRTgroup

TOOLBOX MEETING RECORD

POINTS RAISED AND NOTES TAKEN AT THE MEETING

734 NORSE METRE	SEE DRAGON	17-3-11	
Air pressure CC plant	Air gauges Safety valves		mono's

COMMENTS:

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CRTgroup

1) REVIEW MAINTENANCE LOG ON THE EQUIPMENT CONCERNED T ENSURE WORKS WERE COMPLETED AS PER REQUESTS FROM PREVIOUS INCIDENTS. CONFIRMATION REQUIRED THAT EQUIPMENT WAS APPROVED BY XSTRATA TO COMMENCE WORKS BACK ON SITE:
Refer documents supplied in Incident report

2) REVIEW A SAMPLE OF SIX OPERATORS ACTUAL HOURS WORKED OVER THE LAST MONTH AGAINST PLANNED ROSTER HOURS.

Refer Isa Drivers Hours reports as supplied.

3) WHAT WILL CRT/ARG PUT IN PLACE TO ENSURE SAFE OPERATION UNTIL THE OUTCOMES FROM THE TWO INCIDENTS ARE ENACTED:

Toolbox meetings are being held prior to each shift. A Stop Work Safety Rollover and Safety Interaction Meeting and video was held on 09/03/11. Stop Work Safety Interaction video and discussion was held on 03/03/11? (Refer documents supplied)

4) DAVE MCDONALD TO ATTEND CRT MORNING PRESTART/PASS MEETING TO ENSURE THAT ACTION PLANS ARE BEING ADHERED TO:

Agreed

OTHER MATTERS:

1) WHAT IS THE DRUG AND ALCOHOL TESTING REGIME FOR THIS GROUP – CAN THEY ACCESS SITE VIA CONTAINER PARK WITH OUT BEING TESTED ETC:

The site can be accessed via Container park without being tested but our primary point of entry to the site is via Gardenia gate. We regularly alcohol test with CRT purchased breathalyzer unit.

2) IMMEDIATE REVIEW BY ARG ON THEIR SAFETY MANAGEMENT PLAN AND HOW IT CASCADES THROUGH THEIR ORGANISATION AND SUB CONTACTORS. COMPLIANCE TO THE PLAN AND OPPORTUNITIES FOR IMPROVEMENT. XSTRATA TO AUDIT SMP IMPLEMENTATION:

Reviewed as part of outcome ICM investigation from last incident on 07/03/11. This was requested by Chris Greg – Group General Manager QR National.

3) REVIEW OF ONGOING SUPERVISION OF THE ON SITE LOGISTICS CONTRACT:

CRT is implementing quarterly individual Driver training. We currently have 2 employees who are Certificate 4 trainers

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CRT Group Pty Ltd
ABN 90 004 935 915

1 Chambers Road
Altona North Victoria
Australia 3025

PO Box 334 Altona North
Victoria Australia 3025

Telephone +61 3 9290 1700
Facsimile +61 3 9290 1791
www.crtgroup.com.au

Quality Endorsed Company ISO 9001 Lic. No 2027
Environmental Endorsed Company ISO 14001:2004 Reg No.2027
Occupational Health & Safety AS/NZS 4801 Lic. No 2027

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DAILY VEHICLE CHECKLIST

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The following checks are to be completed at the start of the shift for prime mover AND trailer:

- ☑ Check that you have the required PPE
- ☑ Check communications and satellite tracking systems (where applicable) as per procedure
- ☑ Drain air tanks daily
- ☑ Check air couplings attachments and air taps on prime mover
- ☐ Both air taps on prime mover must be turned on when the truck is attached to the trailer
- ☑ Check electrical plugs are connected properly
- ☑ Check all panels and readily visible structual members are secure
- ☐ Check air weight gauges
- ☑ Check fluid levels; visually check for leaks – fuel, oil, coolant
- ☑ Check windows, windscreen, mirrors, washers, wipers
- ☑ The windscreen and mirrors must be clean at the start of the shift
- ☑ Check vehicle registration label and number plates are in place
- ☒ Check all lights, flashing light – all must be working before you start your shift
- ☐ Check gauges and controls
- ☒ Check tyres and tread integrity and visually check wheels and wheel nuts
- ☑ Check vehicle for information tags
- ☑ Check wheel nuts with a wheel spanner where equired as notified by Information Tag
- ☑ Check seat belts and fire extinguisher
- ☑ Check all fire extinguishers are in place on truck and trailers
- ☑ Check reverse beeper is working
- ☑ Check that securing devices on trailer are in place; container pins
- ☑ If your vehicle is loaded check that the load is secure and check for product leakage

- ☑ Perform truck and trailer brake test
- ☑ If in doubt, check routes and potential hazards

IF YOU ARE TO CARRY DANGEROUS GOODS:

- ☐ Check that dangerous goods label is in place
- ☐ Check that you have the correct signs, DG kit, correct paperwork and DG licence

Please mark all prime mover and trailer faults below in DRIVER COMMENTS and reference Fault Report Log#

DRIVER COMMENTS

Flat tyre RHF near dome inside – LHS headlight out – RHS strobe light out.

PLEASE ADVISE YOUR SUPERVISOR IF YOU DO NOT UNDERSTAND THE FOLLOWING:

YOU MUST:

- ✓ Understand the requirements of your shift duties and seek clarification and assistance where necessary
- ✓ Consider Environmental and safety risks
- ✓ Carry out your duties in an alert, safe, honest and competent manner
- ✓ Declare yourself fit for work and free from alcohol and drugs
- ✓ Follow all rules and procedures
- ✓ Report all incidents and work hazards
- ✓ Wear correct PPE

Date: 03-11

Driver: s78B(2) Privacy

Unit# 739

EMPLOYEE SIGNATURE: 49-Sch4

Trailer# UR04

SHIFT DUTIES:

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MOUNT ISA MINES

ERNEST HENRY

23 August 2010

CRT Group Pty Ltd
Attn: The Manager
PO Box 334
ALTONA VIC 3025

Dear Sir / Madam

RE CONTRACTOR ACCREDITATION FINALISED

Thank you for your recent application for Contractor Site Accreditation with Xstrata North Queensland.

We are pleased to advise that you have been successful in satisfying our selection criteria for accreditation at Xstrata NQ, Mount Isa Mines Limited ("MIM") and Ernest Henry Mining Pty Ltd ("EHM") as selected on your application.

Your Contractor Accreditation Number for both Mines is **2008NQ1644.**

Please find enclosed a copy of your Xstrata NQ Accreditation Certificate and executed Accreditation Agreement for your records.

Please register at www.tenderlink.com/xstrata to become a registered tender so that you may view posted tenders by Mount Isa Mines.

Thank you and Regards,

Stephanie Dawson

Contracts Officer
Xstrata Copper Contracts Department

Ph: 07 4744 3433
Fax: 07 4744 3993
Email: 49-Sch4

xstrata copper

Mount Isa Mines
Private Mail Bag 6 Mount Isa Queensland Australia 4825
Tel +61 7 4744 2011 Fax +61 7 4744 3737 www.xstrata.com

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Accreditation Status

COMPANY DETAILS (Enter as many details as possible)							
Company Name	CRT Group Pty Ltd			ABN 90 004 935 015			
				ACN 004 935 015			
Phone Number	07 3216 1100	Facsimile Number	07 3216 1122	Mobile #			
Company Street Address	10 Eagleview Rd Moorooka Qld 4105						
Company Postal Address	PO Box 284 Moorooka Qld 4105						
Representative	Garry Jokovich	Email Address	49-Sch4				
Australia Resident for Tax Purposes?	Yes No	Company Type	Company	Partnership	Trust	Individual	

REQUESTORS DETAILS (If New Company)				REISSUE (Requestor Details N/A) ☐			
Name	Michelle Crichton	Phone	2413	Department	Supply Chain		
Other Parties to be notified	nil	Date Requested	22/5/12	Copper ☑	Zinc ☐	EHM ☐	

STATUS	START	END	COMMENTS
1. Issued Accreditation Package	24/5	24/5	✓
2. Application Received	24/5	24/5	✓
3. Assessment	24/5	24/5	✓
3.1 General and Community Information	24/5	24/5	Rep Council ✓ Public Liability Business
3.2 Business and Insurance Details	24/5	6/6	Safe Work Method Statements ✓ Risk Assessment ✓ Emergency Response Plan ✓
3.3 Health and Safety Information	24/5	28/5	Health and Safety Compliance? Yes / No ↓ HS Man Sys attached? Y N
3.4 Environmental Information	24/5	24/5	Environmental Compliance? Yes No ↓ Enviro Man Sys attached? Y N
3.5 Other	24/5	31/5	Supplier Setup * If they don't have a supplier number need to request bank account details on letterhead. Supplier # 0000
4. Accreditation Agreement	24/5	24/5	
5. Sent to End User /H&S Dept for Approval	6/6	7/6	

ABN & ACN Verification
* If the name is different to what is on the app, Company needs to amend app and agreement

UG Cover?	Y N
Subs / Assoc Co's	Y (N)

* Insurances must accurately reflect name on app, agmt & ABN check - if not Company must amend insurances

Policy Type	Insurer	Policy #	Liability Limit	Expiry Date
WC	N Comp	1 CA ...	10M	30/6/13
PPI	Liberty	GBLT52PK1000713000	5C 000 000	30/6/13
PI	n/a			
MV	Comcover	WLIMIT GPL	10 000 000	30/6/13
Goods	n/a			

Supplier Setup
* If they don't have a supplier number need to request bank account details on letterhead

Application signed & dated correctly and name is exactly what is on the ABN check?

* No Amendments
** Must be the same name as the app and ABN check

Amended Agreement	Special Insurances	# Follow Ups	Commencement Date	Accreditation #
Y N	Y N	11	31/5/12	20 SNO 1624

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xstrata

Application

for

Contractor Accreditation

for

MOUNT ISA MINES LIMITED & ERNEST HENRY MINING PTY LTD



		Status Final	Rev No	Issue Date	

Unless stamped in RED, this is an 'Uncontrolled Document'

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xstrata | APPLICATION FOR CONTRACTOR ACCREDITATION | FRM-280003

PART 1 – COMMERCIAL INFORMATION

1. CONTRACTOR INFORMATION

Contractor Name: CRT GROUP PTY LTD
Trading Name: CRT GROUP
Business Type (Circle): Individual ☐ Company ☒ Trust ☐ Partnership ☐
Nature of Business: [illegible] AND WORKSHOPS
ABN: 90 004 939 915
ACN: 004 939 915 **Trade Licence No.**
Registered Address: 1 CHAMBERS RD AUBURN NORTH VIC 3023
Phone: (03) 9290 1700 **Fax:** (03) 9290 1772
Street Address: 1 CHAMBERS RD AUBURN NORTH VIC 3023
Postal Address PO Box 334 AUBURN NORTH VIC 3023
Phone: (03) 9290 1700 **Fax:** (03) 9290 1772
E-mail Address: 49-Sch4
Contractor Site Representative [illegible]

Please nominate Accreditation sought

MOUNT ISA MINES ☒ ERNEST HENRY MINE ☒ BOTH OPERATIONS ☒
** UNDERGROUND ☐ SURFACE ☒
** If applying for Underground **must** provide extract of Insurance Policy noting underground Coverage **

2. CONTRACTOR REPRESENTATIVES

All relevant personnel are to be listed including Key, local, based personnel. In the case of corporate contractors, please include details for Managing Director and Company Secretary

Name	Position	Date of Appointment:	Phone
RICHARD SPALL	[illegible]	2 [illegible] 2009	(03) 9290 1700
[illegible] JACKMAN	NATIONAL MANAGER [illegible]	26 [illegible] 2010	0418 941 931

3. EMERGENCY AFTER HOURS CONTACTS

[illegible] procedures to deal with [illegible] and [illegible] at the [illegible] an essential part of this [illegible] details of all persons [illegible] at both the Company [illegible] any point in time, at short notice. Such detail would include
(a) [illegible] phone
(b) [illegible] mobile phone
(c) [illegible] telephone
It is the [illegible] has, and maintains, [illegible] related employee records [illegible] of Contractor Accreditation [illegible] to advise [illegible] the name and contact phone [illegible] of a person / persons [illegible] their organisation who can provide [illegible] details when required. This person / persons should be [illegible] 24 hours per day.

Name	Position	24 Hour Contact Numbers
MICHAEL CHAMBERS	CHIEF EXECUTIVE MISSION LTD	Section 78B
[illegible] JACKMAN	NATIONAL MANAGER [illegible]	
MARK CHAMBERS	NATIONAL MANAGER [illegible]	

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7. GENERAL INFORMATION

a. Are there any known conflicts of interest between you, including your management/directors and employees, and the Company, including its associates and employees? If yes provide details. ☐ Yes ☒ No

b. Have you or any of your employees ever been the subject of prosecution by a regulatory body in relation to business dealings? If yes provide details. ☐ Yes ☒ No

c. Have you or any of your key representatives been involved in any form of dispute with the Company or its associates or employees? If yes provide details ☐ Yes ☒ No

d. Have you or any of your employees, subcontractors or agents been removed from or asked to leave the Site or any other Xstrata Mining Lease? If yes provide details. ☐ Yes ☒ No

e Does your Company facilitate any community support programs? If yes provide details. ☒ Yes ☐ No

Hu[illegible] T[illegible] F[illegible] OF H[illegible] C[illegible], B[illegible] E[illegible] FACILITIES & SUBSIDIES [illegible]

f. Is your Company involved with any Social Involvement initiatives, including annual donations and sponsorships? If yes provide details ☐ Yes ☒ No

g. Do your employment practices comply with relevant Federal and State legislation? ☒ Yes ☐ No

h. [illegible] (the *principles*) and does your Company, and your employees [illegible] comply with these principles? ☒ Yes ☐ No

i. [illegible] wed Section 4, 'Xstrata [illegible] per Fraud Control Policy' (included in the Accreditation Documents) and do you, your Company and your employees understand the application and enforcement of this Policy? ☒ Yes ☐ No

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9. FURTHER INFORMATION	
Are any of your employees likely to bring mobile equipment on site (including cranes and/or man lift baskets or attachments)? If yes, please provide details.	☒ Yes ☐ No
PRIME MOVER'S & TRAILER EQUIPMENT	
Are any of your employees likely to bring lifting equipment on site? If yes, please provide details.	☒ Yes ☐ No
TIPPING SHELLS.	
Are any of your employees likely to bring portable equipment, power tools or hand tools on to the site?	☐ Yes ☒ No
Are any of your employees likely to bring any kind of pressure vessel or pressure vessels (e.g. gas cylinders, air tanks) on site?	☒ Yes ☐ No
ISO CONTAINERS	
Are any of your employees likely to bring any equipment on site, that when used introduces an ignition source?	☒ Yes ☐ No
PRIME MOVERS	
Are any of your employees likely to bring any chemicals or hazardous substances on site?	☒ Yes ☐ No
ONLY WHEN CARRYING XSTRATA FREIGHT	
Are any of your employees likely to be performing any electrical work on site or be involved with any electrical work while on site?	☐ Yes ☒ No
Are any of your employees likely to be performing any work involving explosives while on site?	☐ Yes ☒ No
Are any of your employees likely to be performing any work on Radiation Sources' while on site?	☐ Yes ☒ No
Are any of your employees likely to be performing any work that involves working in Confined Spaces on site?	☐ Yes ☒ No
Are any of your employees likely to be performing any work at heights while working on site? (e.g. any time that a person or persons are working more than 2mtrs above ground / floor)	☒ Yes ☐ No
ACCESS TO CONTAINERS TO DISCHARGE FREIGHT	
Are any of your employees likely to be performing any excavation / breaking type work on site?	☐ Yes ☒ No

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AS-4801:2001 Compliance Checklist

Section	Criteria	YES / NO
1. General Requirements	Safety Management System Document/Manual exists	☒ Yes ☐ No
2. OHS Policy	Appropriate to nature of the organisation's risks	☒ Yes ☐ No
	Defined commitment to comply with relevant legislation and other requirements placed upon the organisation	☒ Yes ☐ No
	Defined commitment to establish objectives and targets	☒ Yes ☐ No
	Documented, implemented, maintained and communicated to employees	☒ Yes ☐ No
	Available to interested parties	☒ Yes ☐ No
	Reviewed periodically	☒ Yes ☐ No
	Signed by top management of the site	☒ Yes ☐ No
3 Planning	Procedure for the identification of hazards, assessment of risk and evaluation of controls	☒ Yes ☐ No
	Procedures for maintaining regulatory compliance related to industry, activity, product and services including relevant relationships with contractors and suppliers	☒ Yes ☐ No
	Documented, implemented and maintained OHS goals and targets	☒ Yes ☐ No
	Safety Management Plans (or Business Plans) with stated accountabilities and timeframes	☒ Yes ☐ No
4. Implementation	Organisational Chart	☒ Yes ☐ No
	Resources provided to implement, maintain, improve and report on the OHSMS	☒ Yes ☐ No
	Documented and communicated accountabilities for the OHSMS	☒ Yes ☐ No
	Procedures for training and competency	☒ Yes ☐ No
	Procedures for employee involvement and consultation in OHS issues	☒ Yes ☐ No
	Procedures for communication of OHS information	☒ Yes ☐ No
	Procedures for reporting of OHS performance including, incidents, hazards identifications and risk assessments, actions and statutory requirements	☒ Yes ☐ No
	Procedure for document control	☒ Yes ☐ No
	Procedure for hazard Id, risk assessment, control and evaluation	☒ Yes ☐ No
	Procedure for emergency preparedness and response	☒ Yes ☐ No
5. Measurement & Evaluation	Procedure for workplace inspection and monitoring	☒ Yes ☐ No
	Procedure for health surveillance	☒ Yes ☐ No
	Procedures for incident investigation, corrective and preventative action	☒ Yes ☐ No
	Procedures for record management	☒ Yes ☐ No
	Procedure and audit program for the OHS Mgt System	☒ Yes ☐ No
6. Management Review	Procedures for review and updating Safety Management System	☒ Yes ☐ No
	Document/Manual	☒ Yes ☐ No
	Documented observations and recommendations as a result of the review	☒ Yes ☐ No

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SIGNED for and on behalf of **The Contractor** by its duly authorised representative who warrants to have the authority to do so, in the presence of:

Contractor Name
C RT GROUP PTY LTD

Witness Signature
49-Sch4

Print Name
KEVIN WHEELER

Signature
49-Sch4

Print Name
P. CHETTLE

Position
NATIONAL GA/CMSE MANAGER

Date:
25/6/10

XSTRATA USE ONLY

Date Received	01/07/10	Processed By	[illegible]

Application	Reviewed By Contracts Accreditation Officer	Date of Audit Commenced	Date Approved
1. General & Community Information	[illegible]		4/5/10
2. Business and insurance details	[illegible]		4/5/10
Application Part 2 & Part 3	**Reviewed By Safety and Training Advisor and/or Xstrata Contract Owner**	**Date of Audit Commenced**	**Date Approved**
3. Health & Safety	[illegible]		4/5/10
4. Environmental	[illegible]		4/5/10
FINAL APPROVAL (Supply & Contracts Manager)	49-Sch4	Date	26/8/10

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CRTgroup

SAFETY MANUAL

Controlled copy ☐ Uncontrolled copy ☑ Copy No. _____

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SAFETY POLICY

SAFETY IS GOOD FOR YOU,
GOOD FOR BUSINESS.
SAFETY IS A REFLECTION
OF A QUALITY OPERATION

IT IS THE POLICY OF CRT GROUP TO PROTECT THE HEALTH AND SAFETY OF OUR EMPLOYEES, SUB-CONTRACTORS, CUSTOMERS AND ANY OTHERS WHO MIGHT BE AFFECTED BY OUR ACTIVITIES

IN ORDER TO IMPLEMENT THIS POLICY WE WILL NEED EVERYONE'S FULL CO-OPERATION

ACCIDENTS CAN BE PREVENTED IF WE WORK TOGETHER

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SAFETY MANUAL

The Safety Manual is distributed in two categories, controlled and uncontrolled. Both are identical in content, however:

CONTROLLED copies are given a control number and will be automatically kept up to date by the issue of amendments which are distributed and maintained by the Quality Assurance Manager.

UNCONTROLLED copies are not numbered. They are normally distributed to customers upon request. Distribution is restricted by commercial considerations and these copies will not be covered in the amendment updating procedure.

Distribution and appropriate maintenance of the Safety Manual is the responsibility of the National QA/OHS&E Manager.

ISSUE 3

This manual has been revised in its entirety and is identified as Issue 3.

All controlled documents are maintained and recorded by the National QA/OHS&E Manager.

This manual is issued and authorised on 1st April 2009.

Rob Noy
National QA / OHS&E Manager

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CRTgroup

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Procedure No.	Procedure Name
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45	Personal Protective Equipment (PPE) Policy

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CRTGROUP

1. SAFETY POLICY STATEMENT

1.1 Policy

The Safety Policy at CRT Group is based on the commitment that the well-being of our employees must be a major consideration in all our operations. Our people are our most valuable asset and their safety is of paramount importance.

CRT Group places the highest emphasis on health and safety in conducting its daily business, The company is committed to the Risk Management process and ensuring as far as reasonably practicable, all employees, contractors, visitors and the public are adequately informed and trained and shall work in an environment that is free from hazards that may cause personal injury.

The CRT Group believes the key objectives will benefit all people involved in its activities and it will only be achieved through constant promotion, improvement of safe working practices, control of hazards, safety awareness and commitment to safety on the part of each and every person.

Safety at CRT must be a major consideration in every plan and decision and it must be an integral part of every job.

1.2 Principles

The requirements of our Safety Program can be summarised as follows:

1. To provide a safe working environment.
2. To train all employees and sub-contractors to do their work in a safe and efficient manner.
3. To promote participation In all safety activities.
4. To comply with all relevant Regulatory provision, Industry Codes of Practice nationally, and to comply with AS/ NZS 4360 Risk Management.
5. Ensure that there is ongoing consultation and communication at all levels of the organisation.

CRT Group have aligned this Safety Policy & Statement to our Risk Management Policy and Procedure requirements and externally to NLA's SAF.STD.10 Business Continuity standard, Risk Management Policy conditions contained within POL/04 and The Safety & Security policy conditions contained within POL/02.

Richard Spall

Richard Spall
General Manager
Date 19th April, 2010

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3. CRT SITE RULES

3.1 YOUR SAFETY IS OUR SAFETY

Safety rules, if not complied with, could result in injury to employees, contractors, visitors or cause serious property damage.

You are required to co-operate in complying with all safety rules, procedures and observe all lawful instruction—written or oral—applicable to you whilst on site.

CRT Group Safety Policy is to provide a safe and healthy environment for its employees, subcontractors and visitors such that all employees, with appropriate attention to safe personal work practices, can perform their assigned tasks without fear of harmful effects to themselves or others.

3.2 PRINCIPLES

i] All hazardous conditions and injuries can be prevented.

ii] Safety of all employees is the prime responsibility of every employee. No other activity has higher priority.

iii] Good safety achievements are a direct result of the commitment and involvement of all employees.

3.3 RESPONSIBILITIES

i] CRT Group has the responsibility to develop and ensure employee compliance to safe systems of work so that all tasks can be performed in a safe and efficient manner. Physical and human resources will be available to promptly maintain plant and equipment at a safe standard.

ii] Employees have a responsibility to comply with all safety rules and follow safe systems of work in such a manner as to prevent injury to themselves or others. Immediately report and correct all identified hazardous conditions.

3.4 HOUSEKEEPING

- The policy of CRT Group is to maintain a standard of excellence in house-keeping. Each person is responsible for maintaining a clean and orderly work-place.
- In the event of an emergency, site procedures must be followed. When an evacuation alarm is sounded, move to a nominated assembly area under the direction of CRT staff.
- Smoking is not permitted in any confined area including the canteen, offices, toilets, spray booth, workshop, warehouses or any other designated non-smoking area. Butts should be placed in appropriate receptacles after smoking. This applies to all staff and visitors to the site.
- Certain social events (e.g. Christmas functions and market activities involving client entertainment) may justify consumptionof alcohol on company premises. This may only occur with prior written permission of the Directors, General Manager (Sales & Marketing), National Operations Manager, Chief Financial Officer or State Branch Managers. Social Event/Function request form to be completed, signed and held by Responsible Manager.
- No person will interfere with or misuse anything that is provided in the interests of health and safety.

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- Personal protective equipment must be worn at all times in designated areas.
- Safety Vests or high visibility overalls and eye protection are mandatory for warehouse and operating areas.
- Visitors must wear safety vests and glasses in working areas and be accompanied by CRT staff member.
- All injuries, no matter how slight, must be reported to your immediate Supervisor. Necessary first aid or medical treatment is to be obtained.
- Watch for and comply with all warning signs. Observe all speed limits.
- Work areas are to be kept clean and tidy.
- Always switch off motors while refueling. Smoking is prohibited at fuelling points. Observe no smoking signs.
- Forklift operators must be in possession of approved license. Only the forklift operator is permitted on a moving forklift
- Horseplay and practical jokes are prohibited on all CRT Group premises or customer premises.
- These site rules apply to all employees, sub-contractors, hauliers, consultants and visitors
- Failure to comply with site safety rules may be grounds for dismissal.
- Disciplinary action relating to OH & S, Environmental and Food Safety issues applies to all CRT Group employees and contractors/hauliers.
- Depending on the severity of any breach of Legislation, Regulations, rules and policies relating to OHS&E or Food Safety, a verbal or written warning will be given to an employee. Such a warning will be given only after it has been established through investigation and interview that the employee was in breach of the relevant Legislation, Regulation, rules or policies.

CRT Group maintains the right to dismiss an employee contractor/haulier without notice for a serious and willful breach of OHS&E or Food Safety rules and policies. Dismissal will result only after it has been established through investigation and interview that the employee, contractor/haulier seriously and willfully breached OHS&E or Food Safety rules and policies.

Employees Obligations:

It is a condition of your employment at CRT Group that you observe the requirements of the Legislation, Regulations rules and policies relating to OHS&E and Food Safety. In particular, you must:

- Work with due care for the health and safety of yourself and fellow employees.
- Comply with all safe working practices and procedures set in place by management.
- Abide by CRT Group's OHS&E rules.

No person shall willfully, recklessly or intentionally interfere with, remove, misuse or damage anything that is provided in the interest of health, safety and welfare, nor place at risk the health or safety of any person in their workplace.

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Remember:

You can make the difference between a safe work environment and a hazardous one. You and CRT Group are partners. Together we can make sure that work is healthy and safe for you and your workmates.

Rules for Transport Operators (Altona only)

CRT Group is located in a semi residential area in North Altona and due to this we have had to install a few house rules for traffic entering, exiting and operating on site.

Dangerous Goods Dangerous Goods on vehicles will only be accepted on site for the rail forwarding operation. These goods are "In Transit" and as such are not for storage on the Altona facility. Carriers coming on site for other reasons such as Warehouse Pickup or Deliveries will be told not to bring dangerous goods onto the CRT site.

B Double Combinations
Whilst the major arterial roads in the surrounding area (Millers, Kororoit Creek and Macarthur's) are nominated B-Double routes, unfortunately the roads through the residential area leading into CRT are not! These roads are Chambers, Ross, McIntosh and Barnes. CRT cannot prevent Carriers operating a B-Double combination and will load the vehicle if they choose to do so. However they are to be warned that the local roads are patrolled by Vic Roads and the local police so they run the risk of fines or loss of permits if caught.. Access to the site should be via Barnes Road Bridge which is accessed from Grieve Parade.

Loading of Trucks
All drivers MUST stay in their vehicles whilst being loaded by CRT lifting equipment

Traffic Flow / Speed
Due to the proximity of the local residents, shops and local high school we are faced with issues regarding traffic flow.

1. The speed limit on all side streets off Millers Road is 50 km/h.
2. Entry to Barnes Road is preferred to be from Grieve Parade via Barnes Rd' bridge. If accessing from Millers Rd. vehicles to come down Chambers off Macarthur's and right into Barnes. **On exiting CRT to access Millers Rd., all trucks must turn right out of Barnes Road into Chambers Road** and follow the road around to Millers via Ross Street joining Millers Road at the overpass in a northerly direction.

Under no circumstances are trucks to turn left into Chambers Road when exiting CRT

3. Drivers are to refrain from using any form of exhaust brake. The rules governing the use of an exhaust brake in a "residential area" apply.
4. The speed limit inside the CRT Terminal is 10kmh and traffic is to operate in a clockwise direction.
5. All trucks are to stop at the gatehouse on entry to the terminal and exit from the terminal.
6. Visitors' cars are prohibited from entering the terminal.
7. All visitors must sign in the visitor's book and be accompanied on the site by a CRT employee and if in the terminal must wear a Safety Vest.
8. Outside carriers are to advise their drivers that we use Channel 15 as most of the CRT yard equipment use a CB for conversation in the terminal. This may assist in communication with the lifting equipment operating in the terminal hence speeding up turnaround times.

Outside Carriers are to be informed that CRT endeavours to work with everybody and by introducing some basic rules trust that this will make things easier for all.
CRT reserves the right to bar drivers found to be doing the wrong thing, from the site.

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4. MONITORING OF DRIVING HOURS

4.1 PURPOSE

To describe the method by which CRT controls the number of hours that Professional Operators and sub-contractors will spend at the wheel of their vehicles.

To conform with legal requirements and safety improvements in prescribed driving hours. Mechanisms to promote fatigue management, inlcuding education, training, technology, operator health and safety.

To conform all necessary food safety checks have been completed as per the Food Safety Manual and HACCP Plan requirments.

4.2 WHEN WILL IT OCCUR?

Metropolitan and Intrastate Vehicles

a. Local vehicles (included all professional operators and all sub-contractors) will be monitored on a daily basis by Daily Work Sheet records and Driver Work Diaries.

b. Vehicles handling food, must use the designated form, CRT QA SM F04a.

Interstate Vehicles

b. Daily Work Sheet records and Drivers Work Diary each trip.

c. Operations at the end of each calendar month produce statistics on all transport movements, hours worked to ensure maximum hours are not exceeded.

d. A record of review will be maintained by Operations Controller.

e. If it is found that the hours are excessive and have been exceeded, a Quality/Safety Improvement Report will be raised and assigned to the responsible person to take corrective action.

f. Daily Work Sheets to help collate data for our clients.

g. Mass Management requirements.

h. Tanker Division collate data for clients.

4.3 METHOD

Local Professional Operators—Metropolitan and Intrastate

[A] Continual Monitoring

i] The Operations Co-ordinators at each site will monitor hours on a continuous basis, from daily and weekly records.

ii] If it is found that the hours are excessive and have been exceeded a Quality/Safety Improvement Report will be raised and assigned to the responsible person to take corrective action.

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Interstate Professional Operators

[B] Random Audit

i] Once every two months the QA / OHS&E Department will nominate a driver randomly to be reviewed for safety and food safety compliance.

ii] The driver's Work Diary will be reviewed.

iii] If it is found that the hours have been exceeded a Quality/Safety Improvement Report will be raised and assigned to the responsible person to take corrective action.

iv] A record of the review will be maintained in the "Driver/'s Hours Audit Log" where the Professional Operator's and the Health and Safety Co-ordinator's signatures will confirm that the check has taken place.

v) Form CRT QA SMF04a Supervisor shall sign the form at the end of the day.

vi) Form CRT QA SMF04a will be reviewed quarterly for compliance with food safety checking procedures

Responsibility – Operations Coordinator & State Manager

4.4 FORMS TO BE USED

Company Driver Runsheet	CRT QA SM F04
Company Driver Runsheet - Designated Food Vehicle	CRT QA SM F04a
Subcontractor Runsheet	CRT QA SM F05
Quality Improvement / Safety Improvement Report (QIR/SIR)	CRT QA F08

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