

## SAFE Notice 2021

Number: 2-4939

### Port Waratah (Waratah to Sandgate)

#### Commissioning of Re-signalling

To be read in conjunction with Train Alteration Advice (TAA) No 0050-2021

#### General

Commencing at 2100hrs Friday 29th October 2021 and continuing until 0900hrs Wednesday 03rd November 2021, or until the works are completed, the following works will be undertaken from Waratah to Sandgate as part of the Waratah to Sandgate Re-signalling works.

The works will include:

- Upgrade of existing route relay-based interlocking with computer-based interlocking
- The existing DC and Jeumont track circuits will be removed and new Bombardier EBI 200 ML Jointless, Frauscher FAdC Axle Counter and UM71 CSEE Track Circuits will be installed
- Upgrading all signals with new signal heads (LED's)
- Alteration to the Port Waratah and Maitland Yard Limits
- Alterations to Permanent Speeds.

Testing and commissioning of the Waratah to Sandgate Re-signalling works between 164.045km – 176.800km on the Up and Down Main and Up and Down Coal lines, 169.047km – 173.940km on the Up and Down South Forks and Up and Down Kooragang Branch Lines will involve route setting activities, signal aspect testing, track circuit testing and point movements. Testing will be carried out in conjunction with the Port Waratah, Kooragang and Lower Hunter Network Controllers and will require clearing of signals and movement of points from Waratah to Sandgate.

The Phoenix control panels at the Network Control Centre North Broadmeadow Port Waratah and Lower Hunter Boards will be updated to reflect the configuration alterations.

**Decommissioned Signalling Infrastructure.**

The following Infrastructure will be booked out of use and permanently removed.

**Signals to be Decommissioned**

The following existing Signals will be booked out of use, de-commissioned and permanently removed.

Signal No.	Kilometrage	Track	Type
M102.7	165.300	Down Main	Absolute (Controlled)
C102.7	165.300	Down Coal	Absolute (Controlled)
M102.8	165.478	Up Main	Absolute (Controlled)
C102.8	165.478	Up Coal	Absolute (Controlled)
C103.1	165.955	Down Coal	Absolute (Controlled)
M103.1	166.045	Down Main	Absolute (Controlled)
M103.4	166.287	Up Main	Absolute (Controlled)
C103.4	166.287	Up Coal	Absolute (Controlled)
M103.7	166.790	Down Main	Absolute (Controlled)
C103.7	166.791	Down Coal	Absolute (Controlled)
M103.8	167.070	Up Main	Absolute (Controlled)
C103.8	167.071	Up Coal	Absolute (Controlled)
C104.2	167.430	Up Coal	Absolute (Controlled)
M104.2	167.480	Up Main	Absolute (Controlled)
C104.3	167.820	Down Coal	Absolute (Controlled)
M104.3	167.821	Down Main	Absolute (Controlled)
17	167.940	Up Refuge	Absolute (Controlled)
M104.4	168.166	Up Main	Absolute (Controlled)
22	168.170	Down Main	Absolute (Controlled)
C104.7	168.455	Down Coal	Absolute (Controlled)
M104.7	168.456	Down Main	Absolute (Controlled)
C104.8	168.575	Up Coal	Absolute (Controlled)
M104.8	168.576	Up Main	Absolute (Controlled)
C104.9	168.958	Down Coal	Permissive (Automatic)
M104.9	168.946	Down Main	Absolute (Controlled)
SF U1	169.025	Up South Fork	Absolute (Controlled)
C105.2	169.110	Up Coal	Absolute (Controlled)
M105.2	169.110	Up Main	Absolute (Controlled)

Signal No.	Kilometrage	Track	Type
M105.5	169.818	Down Main	Permissive (Automatic)
M105.6	170.101	Up Main	Permissive (Automatic)
C105.6	170.100	Up Coal	Permissive (Automatic)

### Yard Limits and End of Yard Limits to be De-Commissioned

The following existing Yard Limit and End Yard Limit signs will be booked out of use, de-commissioned and permanently removed.

Track	Direction	Kilometrage	Signal	Signage
Down Coal	Down	168.958	C104.9	EYL
Down Coal	Up	168.958	C104.9	YL
Up Coal	Down	169.110	C105.2	EYL
Up Coal	Up	169.110	C105.2	YL
Down Main	Down	169.818	M105.5	EYL
Down Main	Up	169.818	M105.5	YL
Up Main	Down	169.110	M105.2	EYL
Up Main	Up	169.110	M105.2	YL
Up South Fork	Up	169.043	SFU1	EYL
Up South Fork	Down	169.043	SFU1	YL

### Permanent Speed Signs to be De-Commissioned

The following existing Permanent Speed Signs will be booked out of use, de-commissioned and permanently removed.

Speed Shown on Sign (KM/H)	Kilometrage	Track	Direction	Services
105	167.640	Down Coal	Down	NORMAL
105	167.980	Up Coal	Up	NORMAL
115	167.980	Down Coal	Down	NORMAL
115	168.587	Down Coal	Down	NORMAL
115	170.340	Up Coal	Up	NORMAL
90	170.340	Down Coal	Down	NORMAL
115	172.095	Down Coal	Down	NORMAL

**Notice Signs to be De-Commissioned**

The following existing Notice Signs will be booked out of use, de-commissioned and permanently removed.

Inscription on Sign	Kilometrage	Track	Direction
BEGIN SINGLE LIGHT INDICATION	164.960	Down Main	Down
BEGIN SINGLE LIGHT INDICATION	165.170	Down Coal	Down
END SINGLE LIGHT INDICATION	165.175	Up Main	Up
BEGIN SINGLE LIGHT INDICATION	165.290	Down Main	Down

**Existing Signalling Alterations**

The following infrastructure will be modified:

**Existing Signal to be altered**

The following existing Signal will be altered, booked into use and commissioned.

Signal No.	Kilometrage	Track	Type	Existing Configuration	New Configuration
PW82	165.193	No.1 Departure Road	Absolute (Controlled)	Turnout Repeater (I, W) Clear (Green) Caution (Yellow) Stop (Red) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red)	Turnout Repeater (I, W) Clear (Green) Caution (Yellow) Stop (Red) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red)

**Existing Permanent Speed Signs to be altered**

The following existing Permanent Speed Signs will be altered, booked into use and commissioned.

Speed Shown on Sign (KM/H)	New Speed Shown on Sign (KM/H)	Kilometrage	Track	Direction	Services
110	100	169.220	Up Main	Up	NORMAL
90	60	171.364	Up Coal	Up	NORMAL
100	80	171.641	Down Coal	Down	NORMAL

**New Signalling Infrastructure**

The following infrastructure will be commissioned and booked into use:

**New Signals to be commissioned**

The following new Signals will be installed, booked into use and commissioned.

Signal No.	Kilometrage	Track	Type	Configuration
HJ1	164.970km	Down Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ3	165.135Km	Down Coal / Port Waratah Departure Road	Absolute (Controlled)	Clear (Green) Caution (Yellow) Stop (Red) Marker (Red)
IJ38	165.882Km	Up Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ7	165.955Km	Down Coal	Absolute (Controlled)	Clear (Green) Caution (Yellow)

Signal No.	Kilometrage	Track	Type	Configuration
				Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ9	166.057Km	Down Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Stop (Red) Marker (Red) Stencil Route Indicator (DM / DC)
HJ10	166.287Km	Up Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ12	166.287Km	Up Coal	Absolute (Controlled)	Caution (Yellow) Stop (Red) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red) Stencil Route Indicator (UC / UM) Low Speed (Green) Subsidiary Shunt (Yellow) PW2 Shunt Repeater (White)
HJ13	166.805Km	Down Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green)

Signal No.	Kilometrage	Track	Type	Configuration
				Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ15	166.808Km	Down Coal	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ16	167.460Km	Up Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ17	167.900Km	Down Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ18	167.910Km	Up Coal	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ20	168.172Km	Up Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red)

Signal No.	Kilometrage	Track	Type	Configuration
				Marker (Red) Stencil Route Indicator (UR / UM) Subsidiary Shunt (Yellow)
HJ21	168.010Km	Up Refuge Siding	Absolute (Controlled)	Shunt (Yellow) Stop (Red)
HJ22	168.170km	Down Main	Absolute (Controlled)	Stencil Route Indicator (UR / UM / DM) Shunt (Yellow) Stop (Red)
HJ23	168.462Km	Down Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ24	168.621Km	Up Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red) Stencil Route Indicator (UM / UC) Subsidiary Shunt (Yellow)
HJ25	168.462Km	Down Coal	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow)



Signal No.	Kilometrage	Track	Type	Configuration
				Stop (Red) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red) Stencil Route Indicator (DC / DM) Subsidiary Shunt (Yellow)
HJ26	168.621Km	Up Coal	Absolute (Controlled)	Clear (Green) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ27	168.963Km	Down Main	Absolute (Controlled)	Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Medium Turnout (Pulsating Yellow Right Hand Band of Lights) Caution Turnout (Yellow Right Hand Band of Lights) Marker (Red) Stencil Route Indicator (DM / DF) Subsidiary Shunt (Yellow)
HJ28	169.056Km	Up South Fork	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)

Signal No.	Kilometrage	Track	Type	Configuration
HJ30	169.125Km	Up Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red) Subsidiary Shunt (Yellow)
HJ34	170.117Km	Up Main	Absolute (Controlled)	Right Hand Turnout Repeater (White) Clear (Green) Medium (Pulsating Yellow) Caution (Yellow) Stop (Red) Marker (Red)
HJ36	170.127Km	Up Coal	Absolute (Controlled)	Clear (Green) Caution (Yellow) Stop (Red) Marker (Red)

### New Yard Limits and End of Yard Limits to be commissioned

The following new Yard Limits and End of Yard Limits will be installed, booked into use and commissioned.

Track	Direction	Kilometrage	Signal	Signage	Remarks
Down Coal	Up	169.820	C105.5	EYL/YL	"Back to Back" Yard Limits Port Waratah and Maitland
Down Coal	Down	169.820	C105.5	YL/EYL	"Back to Back" Yard Limits Port Waratah and Maitland
Up Coal	Up	170.127	HJ36	EYL/YL	"Back to Back" Yard Limits Port Waratah and Maitland
Up Coal	Down	170.127	HJ36	YL/EYL	"Back to Back" Yard Limits Port Waratah and Maitland

Track	Direction	Kilometrage	Signal	Signage	Remarks
Down Main	Up	170.857	M106.1	EYL/YL	"Back to Back" Yard Limits Port Waratah and Maitland
Down Main	Down	170.857	M106.1	YL/EYL	"Back to Back" Yard Limits Port Waratah and Maitland
Up Main	Up	170.117	HJ34	EYL/YL	"Back to Back" Yard Limits Port Waratah and Maitland
Up Main	Down	170.117	HJ34	YL/EYL	"Back to Back" Yard Limits Port Waratah and Maitland
Up South Fork	Up	169.056	HJ28	EYL/YL	"Back to Back" Yard Limits Port Waratah and Kooragang
Up South Fork	Down	169.056	HJ28	YL/EYL	"Back to Back" Yard Limits Port Waratah and Kooragang

### New Permanent Speed Signs to be commissioned

The following new Permanent Speed Signs will be installed, booked into use and commissioned.

Speed Shown on Sign (KM/H)	Kilometrage	Track	Direction	Services
95	165.480	Up Main	Up	All Rail Traffic
80	167.650	Down Coal	Down	All Rail Traffic
60	167.973	Up Coal	Up	All Rail Traffic
60	170.340	Up Coal	Up	All Rail Traffic

### New Notice Signs to be commissioned

The following new Notice Signs will be installed, booked into use and commissioned.

Inscription on Sign	Kilometrage	Track	Direction
BEGIN SINGLE LIGHT INDICATION	164.970	Down Main	Down
END SINGLE LIGHT INDICATION	165.882	Up Main	Up

## **Amendment to Network Information Books**

### **OGW-30-13 – Kooragang Island**

This SAFE Notice will serve as an amendment to the Network Information Book Kooragang Island OGW-30-13, NIB Diagram (NIB-T0370) and Line Diagram (NIB-T0582).

#### **1.2 Safeworking System**

##### **Yard Working**

Kooragang EYL

##### **Delete:**

Signal NFU2 -170.047km Signal NFD4 - 169.851km - Signal SFD1 - 169.851km  
Signal SFU1 - 169.043km

##### **Insert:**

Signal NFU2 -170.047km Signal NFD4 - 169.851km - Signal SFD1 - 169.851km  
Signal HJ28 - 169.056km

Kooragang YL

##### **Delete:**

Signal NFU2 -170.047km Signal NFD4 - 169.851km - Signal SFD1 - 169.851km  
Signal SFU1 - 169.043km

##### **Insert:**

Signal NFU2 -170.047km Signal NFD4 - 169.851km - Signal SFD1 - 169.851km  
Signal HJ28 - 169.056km

#### **2.1 Newcastle Coal Infrastructure Group Rail Unloading Facility (NCIG)**

##### **Diagram**

**Delete:** NIB Diagram NIB-T0370

##### **Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagram (NIB-T0370) and NIB Line Diagram (NIB-T0582)) is provided as an attachment to this SAFE Notice.

**OGW-30-14 – Port Waratah – Islington & Port Waratah (inc) to Sandgate (exc)**

This SAFE Notice will serve as an amendment to the Network Information Book Islington & Port Waratah (inc) to Sandgate (exc) OGW-30-14, NIB Diagrams (NIB-T0375, NIB-T0376, NIB-T0377, NIB-T0378, NIB-T0379) and Line Diagram (NIB-T0583).

**Section 2.1 Islington Junction (ISJ)****Port Waratah Yard Limits****Country End****Delete:**

Track	Direction	Kilometrage	Signal	Signage
Down Coal	Down	168.958	C104.9	EYL
Down Coal	Up	168.958	C104.9	YL
Up Coal	Down	169.110	C105.2	EYL
Up Coal	Up	169.110	C105.2	YL
Down Main	Down	169.818	M105.5	EYL
Down Main	Up	169.818	M105.5	YL
Up Main	Down	169.110	M105.2	EYL
Up Main	Up	169.110	M105.2	YL
Up South Fork	Up	169.043	SFU1	EYL
Up South Fork	Down	169.043	SFU1	YL
Down South Fork	Down	169.851	SFD1	EYL
Down South Fork	Up	169.851	SFD1	YL

**Insert:**

Track	Direction	Kilometrage	Signal	Signage
Up Coal	Up	170.127	HJ36	EYL/YL
Up Coal	Down	170.127	HJ36	YL/EYL
Up Main	Up	170.117	HJ34	EYL/YL
Up Main	Down	170.117	HJ34	YL/EYL
Up South Fork	Up	169.056	HJ28	EYL/YL
Up South Fork	Down	169.056	HJ28	YL/EYL
Down South Fork	Down	169.851	SFD1	EYL/YL

Track	Direction	Kilometrage	Signal	Signage
Down South Fork	Up	169.851	SFD1	YL/EYL

**Diagram**

**Delete:** NIB Diagram NIB-T0375

**Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagram (NIB-T0375) and NIB Line Diagram (NIB-T0583)) is provided as an attachment to this SAFE Notice.

**Section 2.3 Waratah (WTH)****General Arrangements**

**Delete:**

Dual main lines through station platforms, and dual coal lines on the Up side behind the station.

**Insert:**

Waratah has a passenger station located on the Up and Down main lines.

Up and Down coal lines pass on the Up side of Waratah passenger platform.

**Diagram**

**Delete:** NIB Diagram NIB-T0376

**Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagram (NIB-T0376) and NIB Line Diagram (NIB-T0583)) is provided as an attachment to this SAFE Notice.

**Section 2.4 Down & Up Coal Lines between Port Waratah & East Greta Junction****General Arrangement**

First Paragraph

**Delete:**

Down and Up Coal lines are laid in parallel with the main lines and run on the Up side from signal No. C102.7 via Islington Junction to Hanbury Junction, where they pass under the main lines, and then run on the Down side to East Greta Junction via Maitland.

**Insert:**

Down and Up Coal lines are parallel to the Main lines and are located on the Up side from signal No. HJ3 via Islington Junction to Hanbury Junction, where they pass under the Main lines, and then are located on the Down side to East Greta Junction via Maitland.

**Section 2.5 Hanbury Junction (HBJ)****Shunting Limit Sign**

Second Paragraph

**Delete:**

The sign is inscribed "Limit of Shunt on Down Main" and applies to shunting movements in the Up direction on the Down main line on the authority of the Set back on Down main signal No. 22.

**Insert:**

The sign is inscribed "Limit of Shunt on Down Main" and applies to shunting movements in the Up direction on the Down Main line on the authority of the Set back on Down Main signal No. HJ22.

**Diagram**

**Delete:** NIB Diagrams NIB-T0377 and NIB-T0378

**Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagrams (NIB-T0377 and NIB-T0378) and NIB Line Diagram (NIB-T0583)) is provided as an attachment to this SAFE Notice.

**Section 2.6 Port Waratah (PWY)****Diagram**

**Delete:** NIB Diagram NIB-T0379

**Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagram (NIB-T0379) and NIB Line Diagram (NIB-T0583)) is provided as an attachment to this SAFE Notice.

**OGW-30-15 Lower Hunter – Sandgate (inc) to Allandale (exc) Telarah & Bloomfield Branch Line**

This SAFE Notice will serve as an amendment to the Network Information Book Lower Hunter – Sandgate (inc) to Allandale (exc) Telarah & Bloomfield Branch Line OGW-30-15, NIB Diagram (NIB-T0381) and Line Diagram (NIB-T0584).

**Section 2.1 Down & Up Coal Lines between Port Waratah & East Greta Junction****General Arrangement**

Paragraph one.

**Delete:**

Down and Up Coal lines are laid in parallel with the main lines and run on the Up side from signal No. C102.7 via Islington Junction to Hanbury Junction, where they pass under the main lines, and then run on the Down side to East Greta Junction via Maitland.

**Insert:**

Down and Up Coal lines are parallel to the Main lines and are located on the Up side from signal No. HJ3 via Islington Junction to Hanbury Junction, where they pass under the Main lines, and then are located on the Down side to East Greta Junction via Maitland.



**Section 2.2 Sandgate (SAN)****Yard Limits****Delete:**

C105.5 on Down Coal      M106.1 on Down Main

C105.6 on Up Coal      M105.2 on Up Main

The Up Main has back-to-back yard limits with Hanbury Junction.

The Coal roads and the Down Main have a section between Sandgate and Hanbury Junction.

**Insert:**

Track	Direction	Kilometrage	Signal	Signage
Down Coal	Up	169.820	C105.5	EYL/YL
Down Coal	Down	169.820	C105.5	YL/EYL
Down Main	Up	170.857	M106.1	EYL/YL
Down Main	Down	170.857	M106.1	YL/EYL

**Diagram**

**Delete:** NIB Diagram NIB-T0381

**Insert:**

Drivers Diagram of the layout (pending Update to NIB Diagram (NIB-T0381) and NIB Line Diagram (NIB-T0584)) is provided as an attachment to this SAFE Notice.

**Amendment to Route Access Standards****HHN Section Pages H1 Islington to Muswellbrook**

This SAFE Notice will serve as an amendment to the Route Access Standards HHN Section Pages H1 Islington to Muswellbrook.

**Section 4 Speed Restrictions****Delete:**

ISLINGTON JUNCTION – MUSWELLBROOK (MAINS)						
LOCATION	TRACK	KILOMETRAGE	DOWN		UP	
			NORMAL	XPT	NORMAL	XPT
WARABROOK	UP MAIN	169.220	-	-	110	120

**Insert:**

ISLINGTON JUNCTION – MUSWELLBROOK (MAINS)						
LOCATION	TRACK	KILOMETRAGE	DOWN		UP	
			NORMAL	XPT	NORMAL	XPT
WARATAH	UP MAIN	165.480	-	-	95	95
WARABROOK	UP MAIN	169.220	-	-	100	120

**Delete:**

WARATAH – MAITLAND (COAL)				
LOCATION	TRACK	KILOMETRAGE	DOWN	UP
			NORMAL	NORMAL
WARATAH	DOWN COAL	167.640	105	-
HANBURY JUNCTION	UP/DOWN COAL	167.980	115	105
	DOWN COAL	168.587	115	-
WARABROOK	UP/DOWN COAL	170.340	90	115
SANDGATE	UP COAL	171.364	-	90
	DOWN COAL	171.641	100	-
	DOWN COAL	172.095	115	-

## Insert:

WARATAH – MAITLAND (COAL)				
LOCATION	TRACK	KILOMETRAGE	DOWN	UP
			NORMAL	NORMAL
WARATAH	DOWN COAL	167.650	80	-
HANBURY JUNCTION	UP COAL	167.973	-	60
WARABROOK	UP COAL	170.340	-	60
SANDGATE	UP COAL	171.364	-	60
	DOWN COAL	171.641	80	-

**Safeworking Arrangements**

An Infrastructure Booking Advice (ANRF 003) must be compiled as per ANWT 312 and ANPR 704 to book out of use, back into of use, permanently remove or commission, infrastructure.

The work must be carried out as per the appropriate ARTC Network Rules and Procedures.

SAFE Notice recipients must ensure this SAFE Notice is circulated to and understood by all personnel affected by, or needing to know, its content.

SAFE Notices must be issued to all affected Competent Workers.

Competent Workers who receive a SAFE Notice must follow the requirements in the SAFE Notice.

Kamal Chandwani	Project Engineer, ARTC	0428 271 942
Craig Doorey	Commissioning Engineer, JMDR	0412 244 996

**Date 20<sup>th</sup> October 2021**

**Approved by Delivery Support Manager Hunter Valley**

**ARTC**

**FOR THE INFORMATION OF ALL COMPETENT WORKERS AND USERS OF THE ARTC NETWORK**

















