

Google chrome is significantly faster while using SIM and is preferred. However, both internet explorer and google chrome work.

Safety Isolation Manager is located here (bookmark it):

<http://usborap4.corp.riotinto.org/sim/ORMS/Tools/vEnergyIsolationAssets/index.htm>

Or on sharePoint here:

RTM SharePoint Home > Americas > California > Boron

Boron

Boron Site Information

General Site Information	Boron System Links and User Guides	Videos
2016 Calendar Boron Fact Sheet ISO 9001 Certificate - Boron and Wilmington Operations Site Hazard Safety Video Boron Telephone Directory TARP (Trigger Action Response Plan) HSE Borates HSE Incidents/Near Hits MSDS Vault - Actio Boron MSDS Database - Boron	Boron Working At Heights Database Use this link to access the Working at Heights database for Boron Boron Working at Heights User Guide User guide for the Working at Heights database Contractor Management Click here to access the Browz System Critical Risk Register Kronos Link Management of Change (MOC) SIM Safety Isolation Manager Link to the SIM Safety Isolation Manager for Boron SIM Basic User Tutorial Link to a tutorial on how to use SIM SIM Document System Document and Drawings Document Management System	RT/RTM Videos

To find an isolation procedure, type in the equipment number in the “Asset Tag” field or type in the description of the asset in the “Description” field. Most stationary equipment in the truck shop will have an asset tag that starts with TKS. For example the hot water tank is “TKS-TK-001”.

continuumEDGE
Plant & Project Lifecycle Management Systems


Safety Isolations by Assets Manager
Current Plant: Rio Tinto Minerals - Boron Operations
User:


Search: [Reset] [Search] [AND] [OR]

Asset Tag	Datasheet	Description	Service	# Isolations	# Steps	Discipline	Asset Type
8821		Haul Truck, 240 ton		1	1	MECH	HT - Haul Truck
8821B		Battery, Vehicle Power Source		0	0	ELEC	BY - Battery
M-8821			Motor Number: 8821	0	0	ELEC	MTRI - AC Induction ...

Highlight the asset you want to isolate, SIM shows how many isolation procedures are written to the asset in the “# Isolations” column and the number of steps in the “# Steps” column. These are searchable fields also if you want to use them.

When you highlight the asset you want to isolate, all isolation procedures for that asset will appear below.

For each isolation procedure, there are a set of instructions and a form. Click on the red  symbol to open them in a PDF. Open the form, make sure the isolation procedure is correct and print it. The form will look like this:



Rio Tinto Minerals - Boron Operations

Safety Isolation Lockout Form

4000 - Mobile Equipment

ISO-8821-01


Approved

Asset Tag	8821	Reference No.		Approved Date	10-Dec-2010						
Asset Description	Haul Truck, 240 Ton										
Task	Isolate Electrical Circuit										
Lock Series Used											
AIE		AIE Signature		# of Devices	2						
Control Room No.		Personal Contact No.		# of Permits	0						
Special Instructions											
LOCKOUT											
Step	Lock No.	Step Asset	Isolation Location	Isolation Action	AIE Initials	Verifier Initials	Lock Removed	Equipment Ready	AIE Initials	Date / Time	
1		8821B Battery, Vehicle Power Source	/ N/A / N/A	isolate 24 Volt Mobile Electrical							
Last						Verify the accuracy and effectiveness of all lockouts prior to the start of any work. Try Step Performed:					
Test Run:											
Step Devices Required											
• Lock - 1											
• Tag - 1											
Approvals											
Verified By:			Approved By:								
Print Name			Print Name								
Date/Time			Date/Time								
Verifier			Signature								
Approver	Verifies isolation step is completed according to the form (locked and/or bled) and initials each task step. Prints name in "Verified By:" section. Before work commences, the Approver (supervisor) will verify that the Safety Isolation Lockout Form has been filled out properly and signs in the "Approved By:" section. AIE and verifier complete their steps and document before supervisor approval. Supervisor will confirm lock box is setup properly including AIE lock and tag in place. Any questions should be resolved with AIE or verifier before approving.										

If an isolation procedure does not exist for the asset you need to isolate, you will need to use a variance form. To find the variance form in SIM, type in “VARIANCE” in the Asset Tag field and highlight “BLANK VARIANCE FORM”

The screenshot shows the ContinuumEdge SIM interface. The top navigation bar includes the logo and the text "Safety Isolations by Assets Manager" with the current plant name "Rio Tinto Minerals - Boron Operations". Below this is a search bar and a navigation menu with options like "General" and "Advanced". The main content area displays search results for "BLANK VARIANCE FORM" under the "Safety Isolations by Assets (2)" tab. The results table shows two entries: "BLANK VARIANCE FORM" and "VAR-H2OPM-002". Below this, there is a "Variations (3)" tab which shows a list of three variance forms. The table below has columns for Variance ID, Form, Upload Scanne..., Uploaded Varia..., Task, Variance Reason, and Steps. The three rows show forms with 8, 5, and 4 steps respectively. Red circles highlight the "BLANK VARIANCE FORM" text in the search results, the "Variations (3)" tab, the PDF icons for each form, and the "Steps" column.

Variance ID	Form	Upload Scanne...	Uploaded Varia...	Task	Variance Reason	Steps
VAR-BLANKVARIANCEFORM-01	Missing Rights			Blank Isolation or Variance		8
VAR-BLANKVARIANCEFORM-02	Missing Rights			Blank Isolation or Variance		5
VAR-BLANKVARIANCEFORM-03	Missing Rights			Blank Isolation or Variance		4

Click on the “Variations” tab to view the variance procedures. The only difference between the three variance procedures shown in the system is the number of steps shown on the right. Click on the red  symbol to open them in a PDF. Print the form and fill it out. Important: be specific when filling out the form, you do not want someone to misunderstand which valve or switch to isolate. Label assets if needed. After the isolation is completed, turn in the variance form.