

Energy Isolation Procedure: Conveyor CV-01

Doc no.	SOP-SAMPLE-001	Revision	A (sample)
Applies to	Maintenance on Conveyor CV-01	Owner	Maintenance lead
Approved by	—	Review date	—

Before you start: only trained and authorised people may isolate equipment. Every person working on the conveyor fits their own lock. Never work on equipment you have not personally verified as isolated.

1. Energy sources

Source	Isolation point	Method
Electrical (main drive)	Isolator IS-01 at panel MCC-2	Switch OFF, apply personal lock and tag
Pneumatic (belt tensioner)	Air valve AV-03	Close valve, lock, bleed residual air
Stored mechanical (gravity / belt tension)	Take-up carriage	Lower to rest position before work

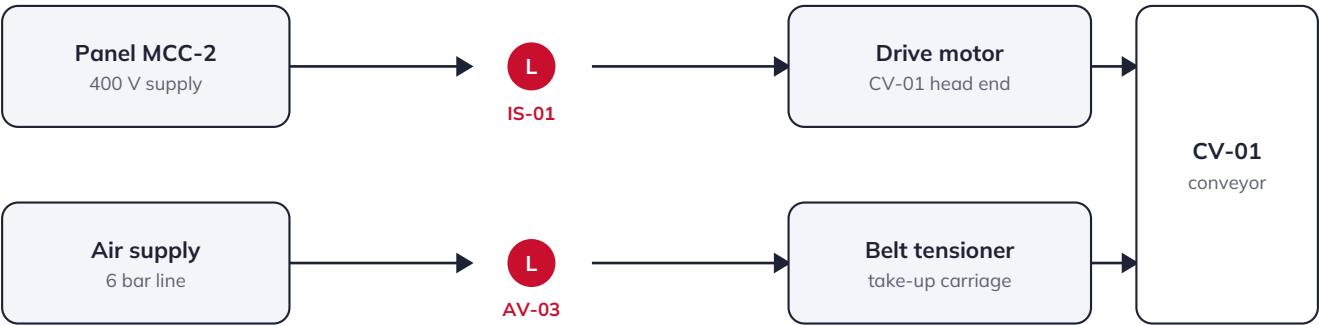
2. PPE

Safety glasses, gloves, safety footwear, hi-vis vest. Personal padlock and danger tag.

3. Isolation steps

#	Action	Detail	Done
1	Notify	Tell the area supervisor and operators that CV-01 will be isolated.	
2	Stop	Stop the conveyor with the normal stop button at the control station.	
3	Isolate	Switch isolator IS-01 to OFF. Close air valve AV-03.	
4	Lock and tag	Fit your personal lock and tag to IS-01 and AV-03.	
5	Release stored energy	Bleed residual air at AV-03. Lower the take-up carriage to rest.	
6	Verify	Press START at the control station. The conveyor must not move. Return the switch to STOP.	
7	Work	Carry out the maintenance task. Keep your key with you. If you leave the area, your lock stays on.	

5. Isolation points



L = lock point. Fit a personal lock at every lock point before work.

6. Return to service

#	Action	Detail	Done
1	Clear	Remove all tools and materials from the conveyor and walkways.	
2	Guards	Refit all guards and covers removed during the work.	
3	Warn	Tell people in the area that CV-01 will be re-energised. Check everyone is clear.	
4	Unlock	Each person removes only their own lock and tag.	
5	Re-energise	Open AV-03. Switch IS-01 to ON.	
6	Test run	Run CV-01 empty for one full belt revolution. Report anything unusual.	

7. Lock record

Name	Lock no.	Lock on (time)	Lock off (time)	Signature

8. Revision history

Rev	Date	Change	By
A	—	Sample document created for Knowby demonstration	—