

	Standard Operating Procedure		SOP Number <b>B-302</b>	Revision <b>1</b>
	<b>Blender Magnet Cleaning Procedure</b>		Effective Date <i>05/06/22</i>	Page <b>Page 1 of 3</b>
Written by/ Date <i>Samuel Nielsen 05/02/22</i>		Reviewed by/ Date <i>David Poth 04/29/22</i>	Approved by/ Date <i>S. A. Mill - 05/02/22</i>	
Title: Maintenance Manager		Title: Blending Supervisor	Title: QA Manager	

## 1.0 Purpose

The purpose of this procedure is to establish the process for cleaning the magnet mounted at the outlet valve on the bottom of the blender.

## 2.0 Scope

This procedure applies to the cleaning of the magnet used as part of the blender(s) at Ion Labs, Inc.

## 3.0 Responsibility

- 3.1 It is the responsibility of all blending personnel to follow this procedure.
- 3.2 It is the responsibility of QC to inspect and ensure that this procedure is being followed.
- 3.3 It is the responsibility of Maintenance and Production Management to keep this procedure aligned with current practices.

## 4.0 Definitions

- 4.1 **BPR** – Batch Production Record
- 4.2 **QC** – Quality Control

## 5.0 References

- 5.1 B-111, SOP, Cleaning of Manufacturing/Production Areas and Equipment

## 6.0 Procedure

- 6.1 Do not remove magnet from the blender outlet valve until all product has been removed

- from the blender.
- 6.2 Obtain the blue magnet cleaning waste bin and cleaning tool before removal of the magnet from the blender. Wipe the bin out with a rag to ensure it is clean and clear of any dirt and debris.
  - 6.3 QC to be called to witness the magnet removal by the blending team. The blending team will clean the magnet and allow the QC to collect any metal that has been captured. Metal will be delivered to Quality Management to determine if further action is needed.
  - 6.4 Grab the magnet by the handle ONLY and slide it out of the bracket located under the outlet valve of the blender.
  - 6.5 Place the magnet inside the blue magnet cleaning waste bin.
  - 6.6 Slide the cleaning tool down each tube on the magnet. When the tool reaches the bottom of each tube, spin the tool to ensure that any metal that may be present on each tube, will fall off into the blue magnet cleaning waste bin.
  - 6.7 Carefully inspect magnet and remove any trace amounts of metal that may remain.
  - 6.8 When all metal has been removed from the magnet, be sure to clean the magnet.
    - 6.8.1 If build up is present, you can use a mild soap or degreaser to clean and rinse the magnet.
    - 6.8.2 Rinse with potable water to remove soap and loosened debris.
    - 6.8.3 Sanitize with approved sanitizer.
    - 6.8.4 Clean, rinse, and sanitize the blue magnet cleaning waste bin and the magnet cleaning tool to ensure it is clean and ready for the next use.
    - 6.8.5 Store the magnet, blue waste bin, and the magnet cleaning tool until the major is complete.
  - 6.9 Once the room and blender have been majored and signed, return the magnet to the

blender room.

6.9.1 Before reinstalling the magnet QC needs to inspect the magnet and make note of the magnet being clean and ready for reinstall on the bottom of the blender outlet valve.

6.10 Grab the magnet by the handle ONLY and slide it back into the bracket located under the outlet valve of the blender. Ensure the magnet cleaning waste bin and the cleaning tool are stored away until needed.

## 7.0 Revision History

Revision	Date	Description of Changes	CCR #	By
0	09/06/19	New procedure.	N/A	K. Tyrrell
1	04/06/22	New magnet and cleaning tool procedure.	CC-22-0156	J. Mireles