
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: Recharging Laboratory Desiccant	Number: L14-PR-100-063	
	Owner: Stephen Ballew	Revision: 0	
	Effective Date: 07/17/14	Page: 1 of 2	

1.0 Purpose

This SOP will address the basic procedure, for recharging the desiccant used in the laboratory desiccator.

2.0 Scope

This procedure applies to the EMD DX0014-1 t.h.e.® Indicating Desiccant found in the laboratory desiccator. This will be performed by QA Lab personnel when the indicating beads have turned from blue to pink.

3.0 Responsibility

QA Lab personnel are responsible for performing this procedure.

4.0 Safety Considerations

Safety is a condition of employment. Employees are not authorized to work in an unsafe manner and are prohibited from harming the environment of the facility or community.

5.0 Materials/Equipment



- EMD DX0014-1 t.h.e.® Indicating Desiccant
- Desiccator
- 5.3 Drying Oven – Quincy Lab Inc. 20GC, G2-6409
- 31 x 31 cm Steel pan
- Plastic scoop

6.0 Procedure

1. Preheat the drying oven to 120°C.
2. Remove the plate from the desiccator.
3. Scoop the desiccant out of the desiccator, and into the steel pan.
4. Spread the desiccant out evenly in the steel pan.
5. Place the steel pan and desiccant into the drying oven.
6. Allow the desiccant to recharge in the oven for two hours.
7. Remove the steel pan and desiccant from the drying oven.
8. Allow the desiccant to cool for 10 minutes.
9. Scoop the desiccant back into the desiccator.
10. Replace the desiccator plate and lid.

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11. Record the recharge date in the *Recharging Laboratory Desiccant Log (L14-PR-100-F063)*.

7.0 Reference Documents

Recharging Laboratory Desiccant Log (L14-PR-100-F063)

8.0 Change Information

New Document.

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