



**CHURCH & DWIGHT CO., INC.**

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[www.ahperformance.com](http://www.ahperformance.com)

February 1, 2023

To Whom It May Concern:

**Re: Food Safety (HACCP) Plans**

Please be advised that Food Safety (HACCP) Plans consistent with good manufacturing practices under 21 CFR 117 have been developed and implemented at the Church & Dwight Co. Inc. sodium bicarbonate manufacturing facilities located in Old Fort, Ohio and Green River, Wyoming.

The sole Preventive Control (CCP) at both plants is metal detection with limits set for ferrous, nonferrous and stainless steel at 2.5mm or less. Monitoring is constant and when levels are exceeded management / quality are notified. Verification takes place at the beginning of each shift. All data is recorded.

Details of the Food Safety / HACCP Plan are available for review during an on-site audit.

Feel free to contact me with any questions.

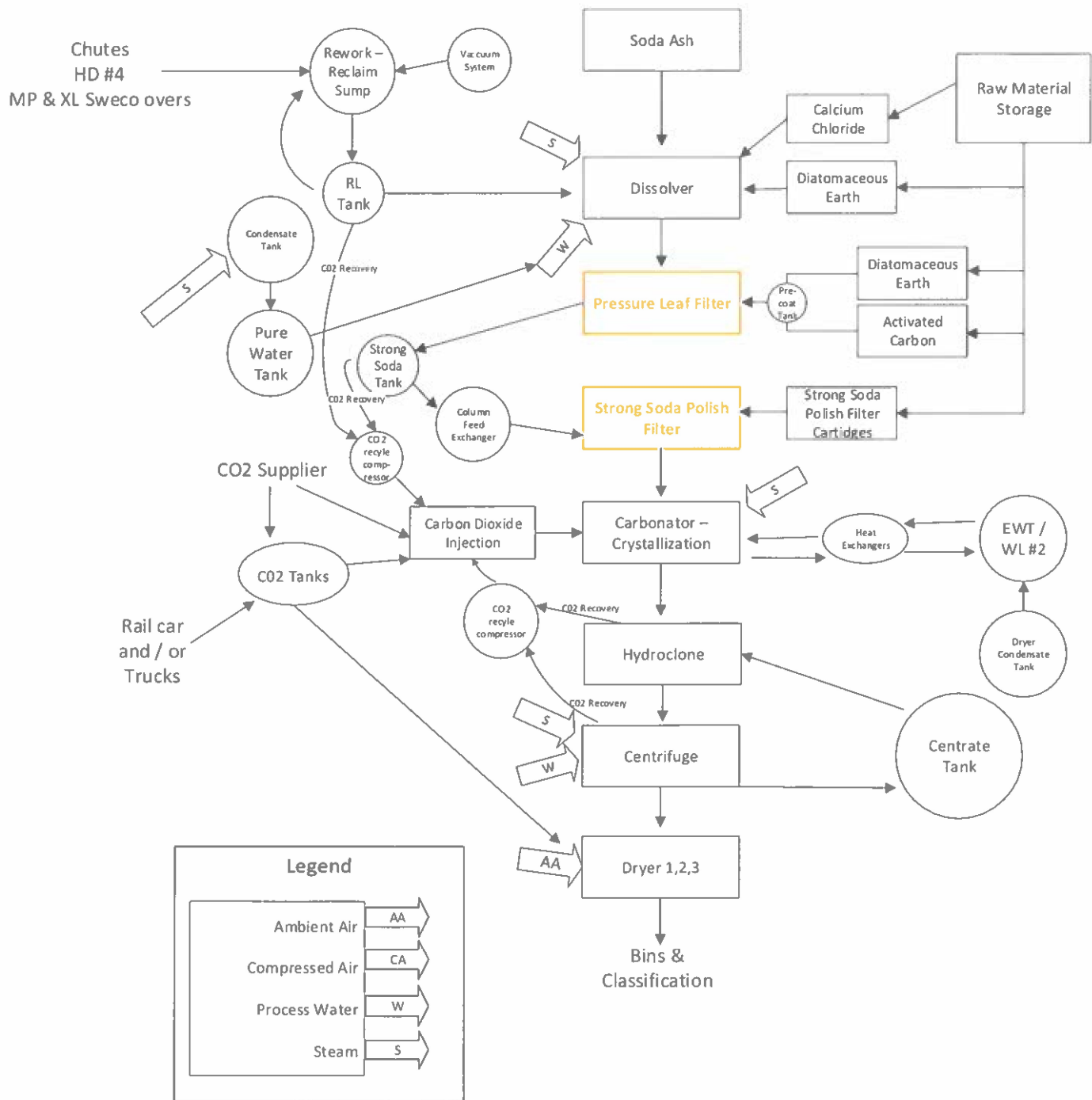
Regards,

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**Food Safety Plan**

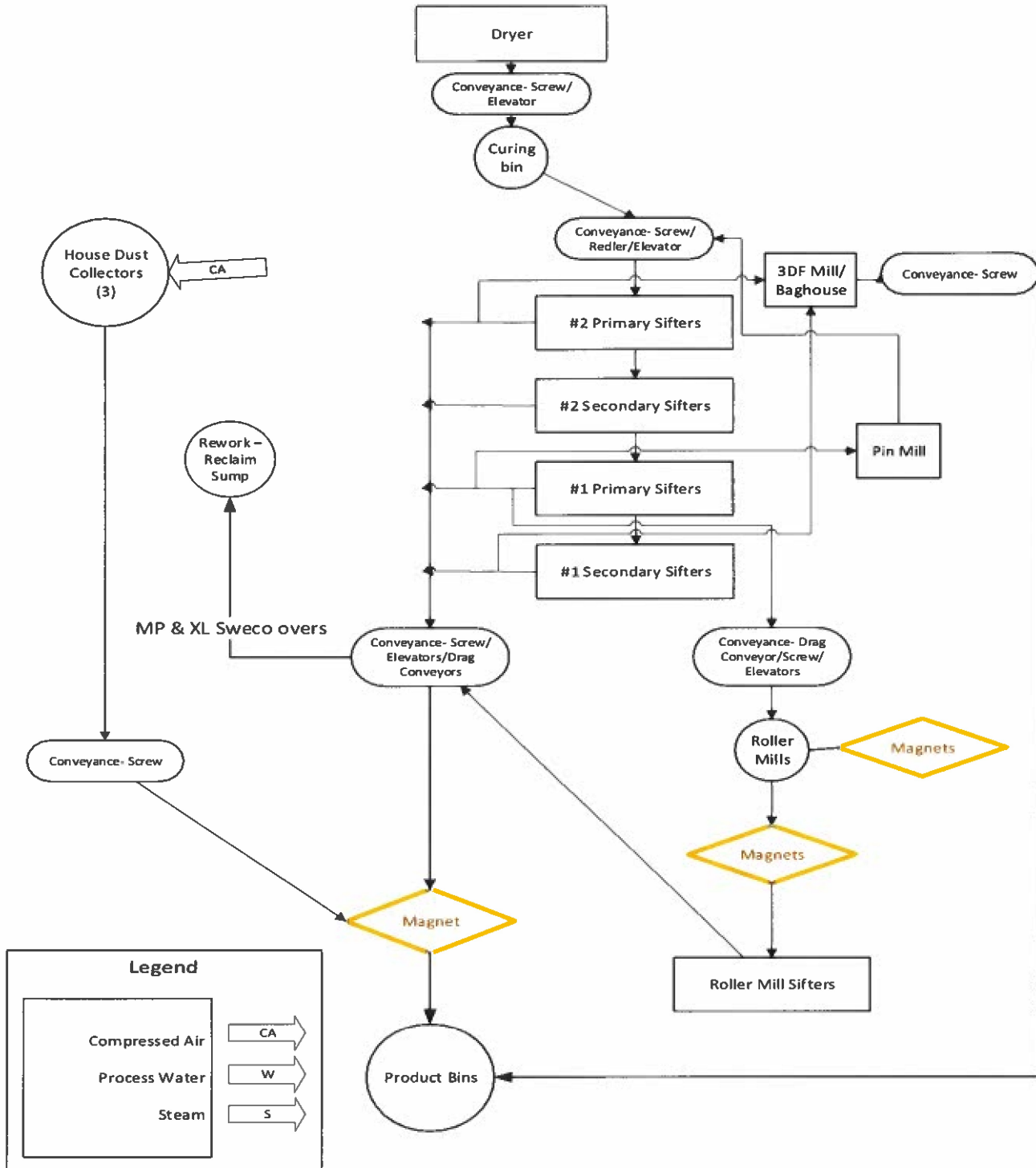
**5. PROCESS FLOW DIAGRAMS**

**5.1 Wet Process**



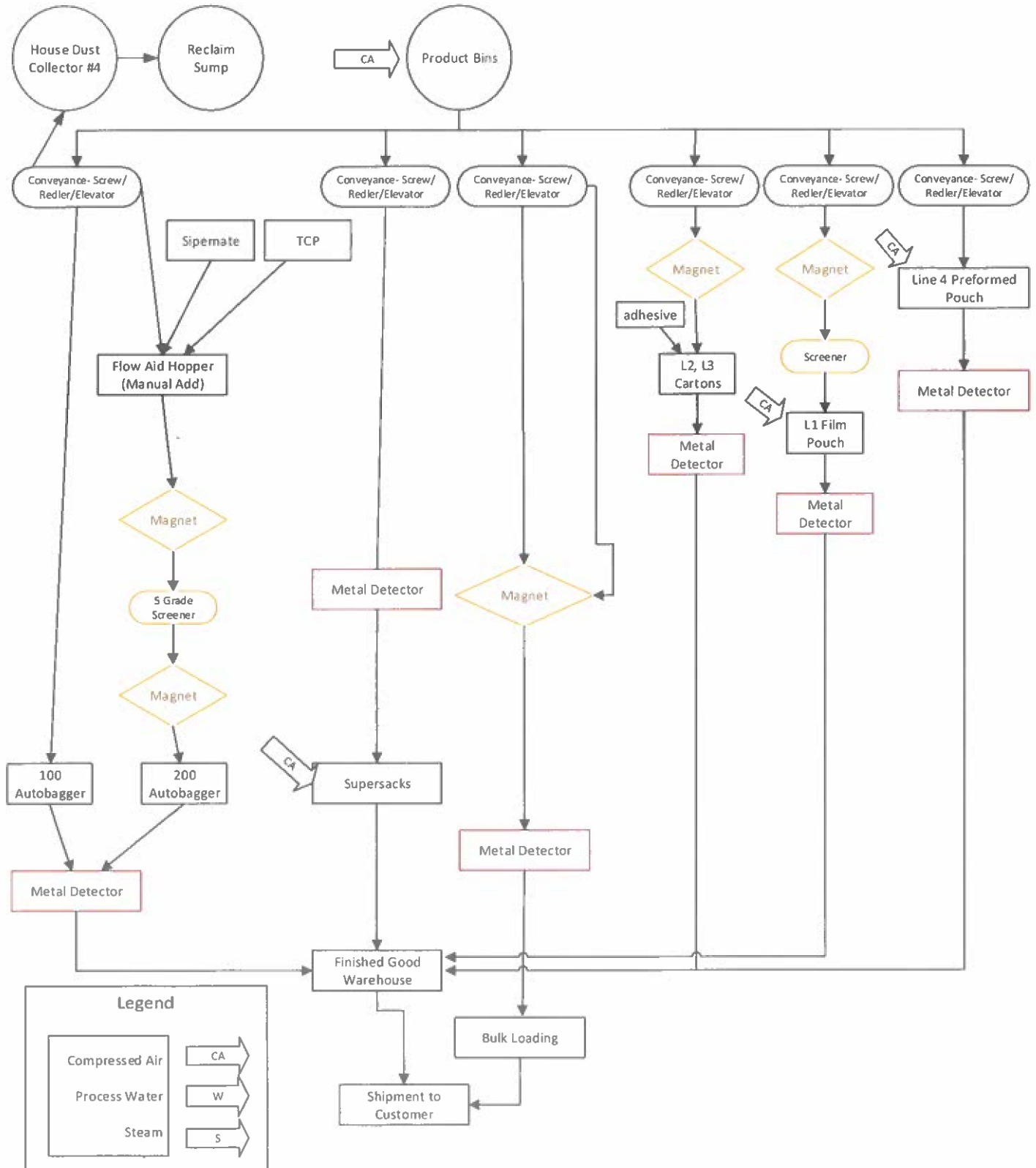
**Food Safety Plan**

**5.2 Classification Process**



**Food Safety Plan**

**5.3 Packaging Process Flow**





**CHURCH & DWIGHT, INC. Green River, Wyoming**  
GREEN RIVER STANDARD OPERATING PROCEDURE

**Effective Date:**  
19 MAY 2023

**Spec. Number:**  
GR-5101.5.S

**Page:**  
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**Food Safety Plan**

Process Controls	Hazard(s)	Parameters, Values or Critical Limits	Process Preventive Controls				Corrective Action	Verification	Records
			What	How	Frequency	Who			
Metal Detection	Metal inclusion	Metal detectors will reject the following standards: 2.0mm Ferrrous test sphere 2.5mm Nonferrous test sphere 304 Stainless Steel test sphere	Challenge metal detectors with standards	Visual examination on that the detector is on and the reject device is working	BAG, SUPERSAC K, POUCH: At beginning of each shift/grade change and every two hours thereafter.  BULK: Before each bulk load during production  CARTON: At beginning of each grade change and ≥ once/shift during production	Production Employee	If any of the standards fail to reject, do not proceed with packaging, notify supervisor or On Call person. Supervisor or On Call person will notify the Quality Department to determine disposition of finished product from the previous acceptable check. Production equipment may not be released back into production without the Quality Departments approval.	Pass 2.0 mm ferrous, 2.5 mm non-ferrous, and 2.5 304 stainless steel metal standards through detector at the following frequency to assure equipment is functioning:  BAG, SUPERSACK, POUCH: At beginning of each shift/ grade change and every two hours thereafter.  BULK: Before each bulk load during production  CARTON: At beginning of each grade change and ≥ once/shift during production  Review of Metal Detector Log and Corrective Action and Verification within 7 working days	<ul style="list-style-type: none"> <li>GR-8012.S Truck Bulk Loading</li> <li>GR-8013.S Rail Car Bulk Loading</li> <li>GR-4104.S F Batch Records</li> <li>Daily Bagging Schedule GR-8004.S</li> <li>Production of Supersacks GR-8011.S</li> <li>Operations of PBOM Bagging System GR-8018.S</li> <li>Production of 3DF and Sorbent X Fine GR-8014.S</li> <li>Production of TFF GR-8015.S</li> <li>Production of Armex Maint. &amp; Armex XL GR-8016.S</li> <li>Production of Five Grade Products GR-8017.S</li> <li>Metal Detector Operation Test GR-9010.S</li> </ul>

**Food Safety Plan**

	<p>No metal fragments that would cause injury or choking are in the product passing through the metal detectors</p>	<p>Kick-out product for the presence of metal fragments</p>	<p>Examine product rejected by electronic metal detector to determine the cause of kick-out</p>	<p>Quality Department to verify check procedure by observation.</p> <p>When product is rejected</p>	<p>Food Safety Specialist or designate</p> <p>Production Employee</p>	<p>If metal is found in product notify quality to direct the following action:                  segregate product, inspect back to the last good check, rework or discard product depending on metal type and prevalence.                  Identify source of the metal found and fix damaged equipment if relevant</p>	<ul style="list-style-type: none"> <li>• 12 Hour Packaging &amp; Quality Control Log Sheet GR-9004.S</li> <li>• Operation of the RBC 1# AHBS Packaging Line GR-9006.S</li> <li>• RBC Packaging PSG LEE Pouch line 2 GR-9007.S</li> <li>• Operation of the RBC ½, 2, &amp; FF Packaging Line GR-9008.S</li> <li>• Operation of the RBC Packing Roberts (Pouch Line 1) GR.9009.S</li> <li>• Checking Auto-Bagger Metal Procedure GR-4608.S</li> <li>• Checking Pack Metal Detectors GR-4608.1.S2</li> </ul> <p>Validation Study that determined metal detector settings and sensitivity standards</p> <p>Corrective Action records</p>