

# Wyssmont COMPANY, INC.

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## FEEDER & AIRLOCK QUESTIONNAIRE

Company \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_ Phone # \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ Fax # \_\_\_\_\_  
Plant Location \_\_\_\_\_ Date \_\_\_\_\_

**PRODUCT** \_\_\_\_\_

**Description of Material** \_\_\_\_\_

**Is the Operation Continuous or in Batches?** \_\_\_\_\_

**Feed State: (check all that apply)**

<input type="checkbox"/> Chunks	<input type="checkbox"/> Wetcake	<input type="checkbox"/> Crystals	<input type="checkbox"/> Slabs	<input type="checkbox"/> Pellets	<input type="checkbox"/> Powder
<input type="checkbox"/> Granular	<input type="checkbox"/> Crumbly	<input type="checkbox"/> Friable	<input type="checkbox"/> Brittle	<input type="checkbox"/> Wet	<input type="checkbox"/> Dry
<input type="checkbox"/> Sticky	<input type="checkbox"/> Wax-like	<input type="checkbox"/> Rubbery	<input type="checkbox"/> Abrasive	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Heat Sensitive
<input type="checkbox"/> Deliquescent	<input type="checkbox"/> Free-Flowing	<input type="checkbox"/> Dilatent	<input type="checkbox"/> Thixotropic		

**Bulk Density** \_\_\_\_\_ **lbs/cu. Ft.**      **Feed Rate** \_\_\_\_\_ **lbs/hr**  
**Feed Temperature** \_\_\_\_\_ **Process Temperature** \_\_\_\_\_      **Feed Moisture** \_\_\_\_\_ %

### PROCESS & MECHANICAL REQUIREMENTS

**Process Description (Indicate with sketch, if possible)** \_\_\_\_\_

**Type of Feeder Preferred:**     Vane Rotor       Rotoscoop       Multiple Screw  
**Objective of Feeder** \_\_\_\_\_  
**Present feeding method/problems** \_\_\_\_\_  
**What is directly before the feeder?** \_\_\_\_\_      **Outlet Dimensions:** \_\_\_\_\_  
**What is directly after the feed?** \_\_\_\_\_      **Inlet Dimensions:** \_\_\_\_\_  
**Should the feeder mate-up to this equipment** \_\_\_\_\_  
**Are airlock characteristics desired?** \_\_\_\_\_  
**Space Concerns/Requirements:** \_\_\_\_\_

### FEED SPECIFICATIONS:

**Materials of Construction** \_\_\_\_\_      **If necessary, can fluorocarbon coating be used? (e.g. Teflon)** \_\_\_\_\_  
**Hoppers Required? For:**    **Feed** \_\_\_\_\_    **Product** \_\_\_\_\_    **Dimensions** \_\_\_\_\_  
**Drive Requirements:** \_\_\_\_\_  
**Explosion Proof?** \_\_\_\_\_      **Classification** \_\_\_\_\_  
**Variable Speed?** \_\_\_\_\_      **Type** \_\_\_\_\_      **Voltage** \_\_\_\_\_      **Cycles** \_\_\_\_\_      **Phase** \_\_\_\_\_  
**Options (see Feeder Bulletins)** \_\_\_\_\_

**Is sample material available for Testing?** \_\_\_\_\_      **Is a rental unit desirable?** \_\_\_\_\_