

Date: 6-1-78



Company: Hard Rock Inc.  
 Location: Quarry, California

**VIBRATING SCREEN QUESTIONNAIRE**

1. Kind of material: Crushed limestone

2. Duty required: (Refer other side)  
 \_\_\_ Scalping  Sizing Dry \_\_\_ Dewatering  
 \_\_\_ Sizing Wet \_\_\_ Washing \_\_\_ Rescreening

3. Characteristics of material:  
 a) Wt. Per Cu. Ft. 100 lbs.

b) Material conditions when fed to screen:  
 Dusty Dry  Damp \_\_\_ Clayey \_\_\_  
 Wet \_\_\_ Hot \_\_\_ Sticky \_\_\_  
 % Surface Moisture LESS than 2%  
 Temperature \_\_\_ °F \_\_\_ °C

c) Particle shape(s):  
 Cubical  Round \_\_\_  
 Slabby/Flake \_\_\_  
 Slivery \_\_\_ Other \_\_\_

4. Operating schedule:  
 Hours per day 8-10 Days per week 5

5. Feed rate (including circulating load if applicable):  
 Maximum 300 TPH  
 Average 300 TPH (Ton 2,000 lbs.)  
 If feed is slurry: \_\_\_ gpm  
 %Solids: \_\_\_ % by wt. \_\_\_ % by volume

6. Feed analysis:  
 Maximum size particle \_\_\_\_\_

Opening	Cumulative % Passing
<u>2"</u>	<u>100%</u>
<u>1 1/4"</u>	<u>91%</u>
<u>1"</u>	<u>85%</u>
<u>3/4"</u>	<u>70%</u>
<u>1/2"</u>	<u>60%</u>
<u>3/8"</u>	<u>45%</u>
<u>1/4"</u>	<u>30%</u>
<u>5/16"</u>	<u>22%</u>
<u>1/8"</u>	<u>15%</u>
<u>#10</u>	<u>6%</u>

Test Sieve Series: Square  Round \_\_\_  
 US  Tyler \_\_\_ Other \_\_\_

7. Product sizes required:  
 a) - 2" + 1"  
 b) - 1" + 1/2"  
 c) - 1/2" + 1/4"  
 d) - 1/4" +  
 e) - +

8. Preferred type of screen media:	Specify Deck Location
a) Wire cloth <input checked="" type="checkbox"/>	<u>ALL</u>
b) Perforated plate	
c) Profile wire	
d) Elastomer	
e) Combination	
f) Other	

9. If space is restricted for installation fill in limiting dimensions:  
 Height \_\_\_ Width \_\_\_ Length \_\_\_

10. Preferred type of screen:  
 Inclined  Horizontal \_\_\_ Other \_\_\_  
 Open \_\_\_ Enclosed \_\_\_

11. Type of Installation:  
 Stationary Plant   
 Portable Plant \_\_\_

12. Type of Mounting Preferred:  
 Floor   
 Suspension \_\_\_  
 Other \_\_\_

13. Desired Screen Efficiency:  
 Top Deck:  95% \_\_\_ 90% \_\_\_ 85% \_\_\_ 80%  
 2nd Deck:  95% \_\_\_ 90% \_\_\_ 85% \_\_\_ 80%  
 3rd Deck: \_\_\_ 95%  90% \_\_\_ 85% \_\_\_ 80%