

## FUNCTIONAL PERFORMANCE TEST CHECKLIST

### Directions for completing this checklist:


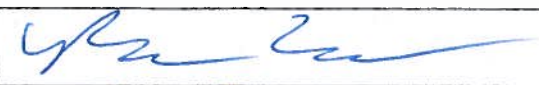

- ☐ This Functional Performance Test (FPT) Checklist shall be completed only after the ISV checklist has been completed and signed off.
- ☐ The installing contractor and general contractor shall confirm, by entering initials in all applicable fields, that contract work is complete and ready for verification by UCD Representative.
- ☐ UCD Representative shall be notified 48 hrs prior to testing in order to be given the opportunity to witness all or selected items on this checklist.

<b>FPT No.:</b>	22 70 00
<b>ITEM:</b>	Regenerative Blower
<b>TAG No:</b>	RB-1
<b>LOCATION:</b>	Mechanical Room - 1130
<b>AREA SERVED:</b>	Winery Fermentation Hall - 1201

Responsible Parties			
Company	Trade	Name	Initials
SIEMENS	CONTROLS	BOB McARTHY	BM
BNB	GC	CRAIG DEBRINE	CD
UCD	MECH	MATT BROWN	MB

### Directions for Final Sign Off of this checklist:

- ☐ This Checklist shall be signed off only after:
  - ☐ All applicable fields have been initialed by the Contractor Representative and the UCD Representative.
  - ☐ All Cx Action Items have been resolved.

Final Sign Off		
Party	Signature	Date
Contractor Representative		8-5-10
Cx Representative		10/4/10
UC Davis Representative		10/4/10

### 3. SEQUENCE OF OPERATION TEST

Contractor - Enter Initials if OK.

UCD Representative - Enter Initials and Date if OK, or Action Item Note # if deficient.

Items in bold font and marked with an asterisk (\*) shall be attached at the end of this checklist.

Check	Contr. Rep.	G.C. Rep.	UCD Rep.	Date
<b>Sequence of Operations Validation</b>				
<p>1. <u>Regenerative Blower Start / Stop</u>: Locate the manual blower operating switch in the Winery Fermentation Hall - 1201. Verify the switch is properly labeled. Record the "as found" condition of the switch and the operational status of the blower. Toggle the switch and observe the operation of the blower.</p> <p>As-Found Switch Position (on or off): <u>off</u></p> <p>As-found blower status (on or off): <u>off</u></p> <p>Expected Result: Blower status matches switch position</p> <p>Toggled Switch Position (on or off): <u>ON</u></p> <p>Blower status (on or off): <u>ON</u></p> <p>Expected Result: Blower status changes when switch is toggled</p>	BM	CD	MS	7/28
<p>2. <u>Point of Use Verification</u>: With the blower running, verify suction is present at the point-of-use connections at the end of each of the three main piping runs (at approximately column line 3) in the Winery Fermentation Hall.</p> <p>Expected Result: Suction is present in each of the three piping runs.</p>	DGH	CD	MS	7/28
<p>3. <u>Alarm Verification</u>: With all point-of-use valves closed and the system "dead-headed" with the blower running verify that the blower failure BAS alarm is not active. Fail the blower by manually opening the service disconnect and verify the blower failure alarm is generated at the BAS.</p> <p>Expected Result: Blower failure alarm is only generated when the blower is failed at the service disconnect.</p>	BM	RB	CH	8/5

*Status Input only*