



DEQ AIR QUALITY PROGRAM
 1410 N. Hilton, Boise, ID 83706
 For assistance, call the
 Air Permit Hotline - 1-877-5PERMIT

RECEIVED
 DEC 02 2011
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 STATE AIR PROGRAM

General Information **Form GI**
 Revision 7
 2/18/10

Please see instructions on page 2 before filling out the form.

All information is required. If information is missing, the application will not be processed.

IDENTIFICATION	
1. Company Name	2. Facility Name
Excalibur Auto Body Repair Inc.	SAME
3. Brief Project Description:	Auto Body Repair - Paint Booth Permit
FACILITY INFORMATION	
4. Primary Facility Permit Contact Person/Title	Craig Roberts - Manager
5. Telephone Number and Email Address	208-798-3363 excalibur@lewiston.com
6. Alternate Facility Contact Person/Title	Chad McFarland - Assistant
7. Telephone Number and Email Address	208-798-3363 excalibur@lewiston.com
8. Address to Which the Permit Should be Sent	3008 East Main St.
9. City/County/State/Zip Code	Lewiston ID 83501
10. Equipment Location Address (if different than the mailing address above)	
11. City/County/State/Zip Code	
12. Is the Equipment Portable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
13. SIC Code(s) and NAICS Code	Primary SIC: 7532 Secondary SIC: NAICS: 81121
14. Brief Business Description and Principal Product	Auto Body Repair
15. Identify any adjacent or contiguous facility that this company owns and/or operates	
16. Specify the reason for the application	<input checked="" type="checkbox"/> Permit to Construct (PTC) - Existing Booth <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>For Tier I permitted facilities only: If you are applying for a PTC then you must also specify how the PTC will be incorporated into the Tier I permit.</p> <p><input type="checkbox"/> Incorporate the PTC at the time of the Tier I renewal</p> <p><input type="checkbox"/> Co-process the Tier I modification and PTC</p> <p><input type="checkbox"/> Administratively amend the Tier I permit to incorporate the PTC upon your request (IDAPA 58.01.01.209.05.a, b, or c)</p> </div> <p><input type="checkbox"/> Tier I Permit</p> <p><input type="checkbox"/> Tier II Permit</p> <p><input type="checkbox"/> Tier II/Permit to Construct</p>
CERTIFICATION	
In accordance with IDAPA 58.01.01.123 (Rules for the Control of Air Pollution in Idaho), I certify based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.	
17. Responsible Official's Name/Title	Craig Roberts / Manager
18. Responsible Official's Signature	Craig Roberts Date: 11/22/11
19. <input type="checkbox"/> Check here to indicate that you would like to review the draft permit prior to final issuance.	



Complete this form for each paint booth. Please see instructions on page 2 before filling out the form.

IDENTIFICATION

1. Company Name Excalibur Auto Body Repair Inc.	2. Facility Name SAME
3. Brief Project Description: Auto Body Repair - Paint Booth Permit	

PAINT BOOTH INFORMATION

4. Booth Data: New Booth Unpermitted Existing Booth If an existing booth, when was it installed? **Nov. 2003**
 Modification to a Permitted Booth, Permit #: _____ Date Permit Issued: _____
 Dry Filters? Dry Filters w/ a Wet Wall? Wet Wall only? Other, provide details: _____
 Booth Airflow Type: Down draft Semi-Downdraft Side draft Other, provide details: _____

5. Booth Information: Manufacturer: **Nova Verta** Model: **DownDraft** Date Manufactured: **Nov 2003**

6. Planned Construction Date (if applicable): _____

7. Is the booth equipped with a heater? No Go to the next section Yes If "yes", answer the following questions.
 Heating method: Electricity, Go to the next section Combustion, Who is the manufacturer of the booth heater? **Power Flame**
 What is the heat input rating of the booth heater? **1.5** MMBtu/hr What fuel is used in the booth heater (i.e., natural gas or LPG)? **Natural Gas**
 Is the worst-case operation of the booth heater **greater than 2,080** hours per year? No Go to the next section Yes
 If "Yes", what is the worst-case annual operation of the burner? _____ hrs/yr

8. Are undercoating and/or bed lining spray operations performed at this facility? No Go to the next section Yes
 If "yes", please provide maximum daily and annual undercoating and/or bed lining spray materials use as well as MSDSs for the materials being sprayed.

SPRAY GUN DESCRIPTION AND SPECIFICATIONS

Gun No.	9. Manufacturer	10. Model	11. Type (e.g. HVLP, airless, conventional)	12. Gun Transfer Efficiency % per the manufacturer
1	Iwata	LPH 400	HVLP	Min 65%
2	Sata	3000 HVLP	HVLP	Min 65%
3	Sata	3000 RP	Reduced Pressure	Min 65%
4				

REQUEST FOR PERMIT LIMITATIONS

13. Are you requesting a daily coating materials use permit limit (e.g. gallons per day)?
 Yes, I am requesting a limit of 4.0 gal/day for all coating materials used at the facility. Note: In order to receive an Automotive Coating general permit a daily materials use limit of **4.0 gal/day** is required.
 No, Note: You will need to apply for a permit tailored to the situation at your facility, not an Automotive Coating general permit (see previous question).

EMISSIONS CONTROL DEVICE (FILTER) DESCRIPTION AND SPECIFICATIONS

Stack Served	14. Filter Manufacturer	15. Model	16. PM ₁₀ Control Efficiency(%) ^{a, b}	17. Dimensions (Total Area, Thickness and Number of Filters)
1	Nova Verta	22 gram	Min 98%	1 27" x 312" x 2.5 - Total 8424"
2	Nova Verta	22 gram	Min 98%	8 27" x 46" x 2.5 - Total 9936"
3				
4				

Notes: a. Provide the filter manufacturer's documentation to support the control efficiency specified above.
 b. Note: Subpart HHHHHH requires that filters control particulate matter by 98%.

PAINT STRIPPING ACTIVITIES

18. Is Methylene Chloride (MeCl) (CAS #75-09-2) used for paint stripping activities at this facility?
 No, Note: In order to receive an Automotive Coating general permit **no MeCl** paint stripping activities can be performed at the facility.
 Yes, Note: In order to receive an Automotive Coating general permit **no MeCl** paint stripping activities can be performed at the facility (see previous question). You will need to apply for a permit tailored to the situation at your facility, not an Automotive Coating general permit.

PAINT ARRESTANCE FILTER TEST REPORT
Spray Removal Efficiency & Paint Holding Capacity

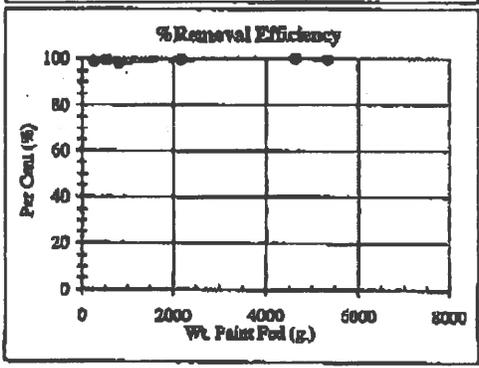
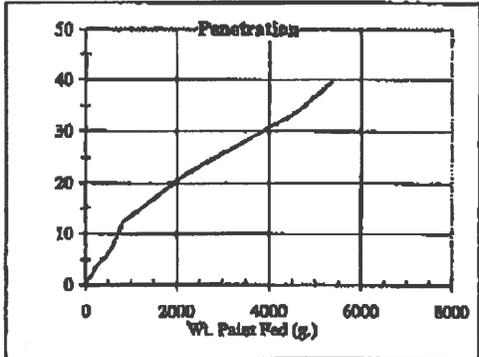
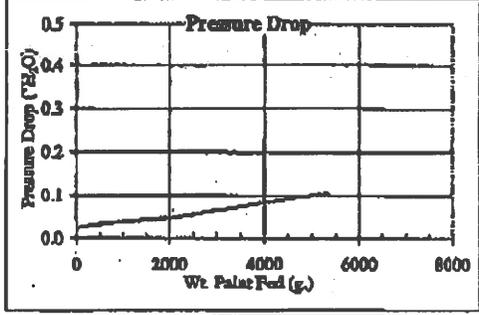
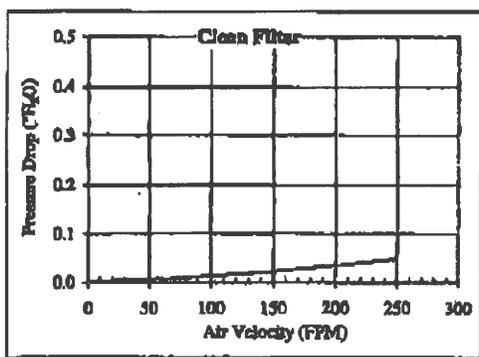
Tested for:
 Filter Mfr.:
 Filter Name: **22 Grams Paint Arrestor**
 Report#/Test#: **R 661 T 761**
 Report Date: **March 16, 2005**

Test Information

FILTER DESCRIPTION:
 White/Yellow highloft fiberglass
PAINT DESCRIPTION:
 High Solids Baking Enamel (S.W. #1 Permacelad 2400, red)
PAINT SPRAY METHOD:
 Conventional Air Gun at 40 PSI
SPRAY FEED RATE:
 137 gr./min. 130 cc./min.
AIR VELOCITY:
 150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter
 0.02 in. water
FINAL PRESSURE DROP of Loaded Test Filter
 0.11 in. water
WEIGHT GAIN on TEST FILTER & Test Frame Trough
 4038 grams
PAINT HOLDING CAPACITY of TEST FILTER
 1173 grams = 2.6 lbs.
PAINT RUN-OFF
 2865 grams
WEIGHT GAIN on FINAL FILTER
 39.4 grams = **PENETRATION**
AVERAGE REMOVAL EFFICIENCY of TEST FILTER
 99.03 %



Test Engineer: Todd Kruger
 Supervising Engineer: K. C. Kwok, Ph.D.