

**NORTH CAROLINA DIVISION OF
AIR QUALITY**

Air Permit Review

Permit Issue Date:

Region: Winston-Salem Regional Office
County: Wilkes
NC Facility ID: 9700023
Inspector's Name: Eric Hudson
Date of Last Inspection: 02/23/2006
Compliance Code: 3/In Compliance - Inspection

Facility Data			Permit Applicability (this application only)
Applicant (Facility's Name): Gardner Glass Products Inc Facility Address: Gardner Glass Products Inc 600 Elkin Highway North Wilkesboro, NC 28659 SIC: 3231 / Products Of Purchased Glass NAICS: 327215 / Glass Product Manufacturing Made of Purchased Glass Facility Classification: Before: Title V After: Title V Fee Classification: Before: Title V After: Title V			SIP: NSPS: NESHAP: PSD: PSD Avoidance: NC Toxics: 112(r): Other:
Contact Data			Application Data
Facility Contact	Authorized Contact	Technical Contact	Application Number: 9700023.05A Date Received: 04/26/2005 Application Type: Renewal Application Schedule: TV-Renewal Existing Permit Data Existing Permit Number: 02207/T07 Existing Permit Issue Date: 02/13/2001 Existing Permit Expiration Date: 01/31/2006
Jill Edwards Environmental Manager (336) 651-9300 PO Box 1570 North Wilkesboro NC, 28659	Mike Edwards VP, chief Technical Officer (336) 651-9300 PO Box 1570 North Wilkesboro NC, 28659+1570	Jill Edwards Environmental Manager (336) 651-9300 PO Box 1570 North Wilkesboro NC, 28659	
Review Engineer: Ken Babb Review Engineer's Signature: _____ Date: _____		Comments / Recommendations:	
		Issue 02207/T08 Permit Issue Date: Permit Expiration Date:	

1. Purpose of Application

This revision is a renewal of an existing Title V permit pursuant to 2Q .0513. The existing Title V permit (02207T07) was issued on February 13, 2001 and was scheduled to expire on January 31, 2006. The renewal application was received at least nine months prior to the expiration date. Therefore, the existing permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the existing permit shall remain in effect until the renewal permit has been issued or denied.

2. Facility Description

This facility manufactures mirrors by applying backing material to glass which is purchased from other manufacturers. The primary source of emissions are the solvents used in applying the backing materials. Operations are 24 hours a day, five days a week and 50 weeks per year. The backing applying equipment is housed in one building and another building contains equipment which can be used to size the glass to a required size. This sizing process does not produce any emissions because the glass is scored and then broken to size. The diamond grinders used to profile the edges are water lubricated. This water collects any particulate emissions that might be generated.

3. Application Chronology

April 28, 2005 - Air permit application was received by the Division of Air Quality (DAQ), Raleigh Central Office (RCO). Permit application was considered complete as of April 28, 2005.

4. Permit History

The permit has not been revised since initial Title V issuance.

5. Regulatory Review

The facility is subject to the following regulations:

2D .0515 Particulates from Miscellaneous Industrial Processes

2D .0521 Control Of Visible Emissions

2D .1806 Control and Prohibition of Odorous Emissions

2D .0958 Work Practices for Sources of Volatile Organic Compounds

However, no regulatory review is required at this time since there are no new applicable regulations for this permit revision (renewal).

6. NSPS, NESHAPS, PSD, Attainment Status, 112(r), CAM

NSPS/ NESHAP/MACT

New Source Performance Standards (NSPS) do not apply to this facility. NESHAP (MACT) standards do not apply to this facility.

PSD

This facility is not a major Prevention of Significant Deterioration (PSD) source.

Attainment Status

This facility is located in Wilkes County which is in attainment for ozone and PM-2.5 according to the NC DAQ website.

112(r)

This facility is not subject to Section 112(r) of the Clean Air Act requirements because it does not store any of the regulated substances in quantities above the thresholds in the Rule.

CAM

Compliance Assurance Monitoring (CAM) (40 CFR Part 64) does not apply because no control devices are used by the facility.

7. Facility Compliance Status

Although the facility has previously had minor compliance issues, it was found to be in full compliance when last inspected on February 23, 2006.

8. Statement of Compliance

The DAQ has reviewed the compliance status of this facility. Based on the latest inspection, the facility was in compliance with all applicable requirements. The applicant has certified that the facility will be in

compliance with all applicable requirements at the time of permit issuance and will continue to comply with these requirements. The applicant has also certified that the facility will be in compliance with any applicable requirements taking effect during the term of the permit and will meet such requirements on a timely basis.

9. Facility Emissions Review

There is no change in emissions for this renewal.

The following table lists emissions from the facility as reported in recent emission inventories.

Pollutant	2003 Emissions (tons)	2004 Emissions (tons)	2005 Emissions (tons)
CO	0.76	0.29	0.33
NO _x	0.90	0.35	0.39
PM (TSP)	0.16	0.02	0.02
PM10	0.16	0.02	0.02
PM2.5	0.03	0.01	0.02
SO ₂	0.00	0.00	0
VOC	116.55	92.89	89.63
Ammonia (lbs)	1.77	0.56	0.59

10. Facility Wide Air Toxics

A toxics evaluation has not previously been triggered at the facility. No update is needed for this renewal.

11. Stipulation Review

All stipulations are standard for this type of facility.

12. Changes to the Permit

The facility had previously contained a wood working operation to build wooden boxes for the mirrors. This operation was controlled by a cyclone. The mirrors are no longer shipped in wooden boxes so the equipment has been removed from the facility with this renewal it has been removed from the permit as well. A fuel oil-fired space heater has also been removed from the insignificant list as well. Finally, a fuel oil-fired space heater (ID No. B2) has been changed to natural gas-fired.

13. Public Notice / EPA and Affected State Review

Pursuant to 2Q .0521, a notice of the draft Title V Permit will be placed in a newspaper of general circulation in the area where the facility is located. The notice will provide for a 30 day comment period, with an opportunity for a public hearing. Copies of the public notice will be sent to persons on the Title V mailing list and EPA. Pursuant to 2Q .0522, a copy of each permit application, each proposed permit and each final permit pursuant will be provided to EPA. Also pursuant to 2Q .0522, a notice of the draft Title V Permit will be provided to each affected state before the time notice provided to the public under 2Q .0521 above.

14. Conclusions, Comments, and Recommendations

A professional engineer's seal was not required for this renewal.

A consistency determination was not required for this renewal.

In an email from Eric Hudson of WSRO only minor changes were suggested, all of which have been made.

RCO concurs with WSRO's recommendation to issue air permit.