

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 12048

Notice of Construction No. 7208

Date FEB 6 1998

One Vits Model PT697 Paper Impregnation Line (#3) controlled by a Grace TEC Systems Catalytic Oxidizer rated at 9.1 MMBtu/hr (21,000 scfm).

TIM ZATTAU

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DYNO OVERLAYS, INC

2144 MILWAUKEE WY

TACOMA

WA 98421

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DYNO OVERLAYS, INC

2144 MILWAUKEE WY

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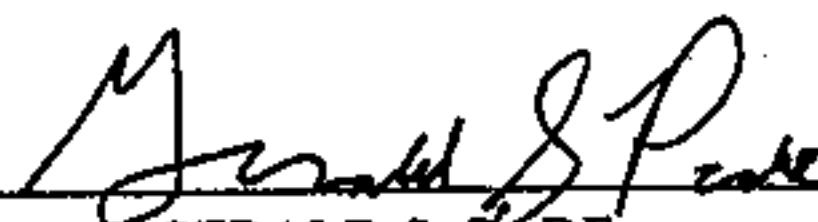
WA 98421

INSTALLATION ADDRESS

DYNO OVERLAYS, INC, 2144 MILWAUKEE WY, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. The catalytic oxidizer shall have a VOC destruction efficiency of at least 95% as determined by EPA draft Method 308.
4. The coating line (including the dip tank) shall be maintained under negative pressure whenever it is in operation.
5. The opacity of the emissions from the catalytic oxidizer shall not exceed 5% for more than 3 minutes in any consecutive 60-minute period as measured by WDOE Method 9A.
6. Compliance with the destruction efficiency requirement shall be demonstrated by March 15, 1998 and every five years thereafter.
7. Compliance with the negative pressure enclosure requirement shall be demonstrated by March 15, 1998 and annually thereafter with smoke or dry ice tubes.
8. The temperature of the catalyst shall be at least 550 degrees F before operating the coating line.
9. The temperature at the inlet and outlet of the catalytic oxidizer shall be continuously monitored and recorded whenever it is in operation.
10. The thermocouples on the catalytic oxidizer shall be audited annually.
11. Samples of the catalyst shall be analyzed for activity annually and the catalyst shall be reactivated or replaced (or the operating temperature increased) as necessary to maintain the required destruction efficiency.
12. This Order of Approval No. 7208, issued to amend emission standards for line 3, hereby supersedes and cancels Order of Approval No. 6804 dated February 12, 1997.


GERALD S. PAIDE
Reviewing Engineer

MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 7784
Registration No. 12048
Date JUN 3 1999

VITS Model PT749 Decorative Coating Line (#4) controlled by a MEGTEC Magnum Catalytic Thermal Oxidizer rated at 21,000 cfm.

APPLICANT

Peter Mayou
Dyno Overlays, Inc
2144 Milwaukee Wy
Tacoma, WA 98421

OWNER

Dyno Overlays, Inc
2144 Milwaukee Wy
Tacoma, WA 98421

INSTALLATION ADDRESS

Dyno Overlays, Inc, 2144 Milwaukee Wy, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. The catalytic oxidizer shall have a VOC destruction efficiency of at least 95% as determined by EPA draft Method 308.
4. The coating line (including the dip tank) shall be maintained under negative pressure and vented to the thermal oxidizer whenever it is in operation.
5. The opacity of the emissions from the catalytic oxidizer shall not exceed 5% for more than 3 minutes in any consecutive 60-minute period as measured by WDOE Method 9A.
6. Compliance with the destruction efficiency requirement shall be demonstrated within 90 days of startup and every five years thereafter. The minimum operating temperature of the catalyst shall not be lower than the operating temperature during the most recent source test demonstrating compliance.
7. Compliance with the negative pressure enclosure requirement shall be demonstrated within 90 days of startup and every year thereafter.
8. The temperature of the catalyst shall be at least 500 degrees F before operating the coating line.
9. The temperature at the inlet and outlet of the catalytic oxidizer shall be continuously monitored and recorded whenever it is in operation.
10. The thermocouples on the catalytic oxidizer shall be audited annually.
11. Samples of the catalyst shall be analyzed for activity annually and the catalyst shall be reactivated or replaced (or

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 12048

Notice of
Construction No. 6804

Date FEB 12 1997

One Vits Model PT697 Paper Impregnation Line (#3) rated at 1.025 MMBtu/hr (20,000 cfm) with a Grace TEC Systems Catalytic Oxidizer rated at 9.1 MMBtu/hr (21,000 cfm), and one 7,100 gallon Fixed Roof Storage Tank for diethylene glycol.

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DYNO OVERLAYS, INC
2144 MILWAUKEE WY
TACOMA WA 98421

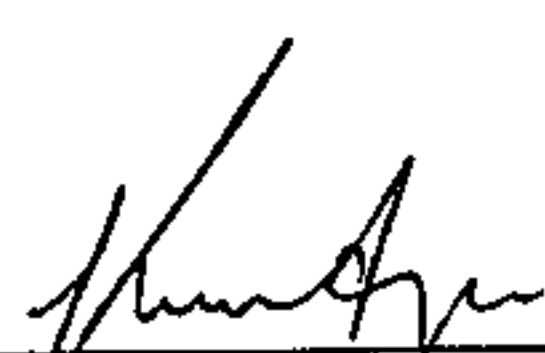
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INSTALLATION ADDRESS

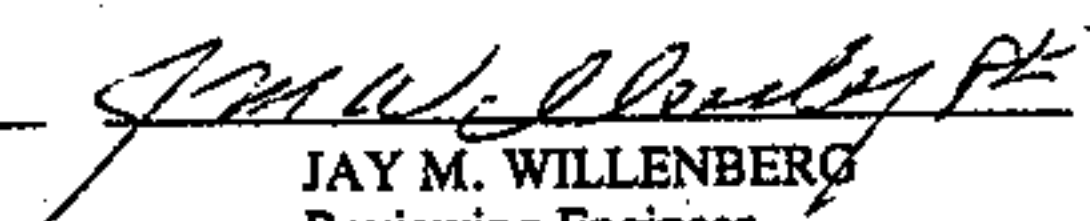
DYNO OVERLAYS, INC, 2144 MILWAUKEE WY, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. The emission rate from the Line No. 3 stack exit shall not exceed 0.028 lb/hr of formaldehyde, 100 ppm of total carbonyls, and 4.0 lb/hr of methanol based on EPA Method 308 and/or the Fourier Transform Infrared (FTIR) Method.
5. Dyno Overlays Inc shall conduct an emission test to demonstrate compliance with Condition No. 4 within 180 days of startup of Line No. 3 and at least once every five years thereafter, according to PSAPCA Regulation I, Section 3.07.
6. The pre-catalyst temperature shall be at least 550 degrees F, and the post-catalyst temperature shall not exceed 1,150 degrees F whenever Line No. 3 is running.
7. The activity of the catalyst shall be measured annually, and the active components of the catalyst shall be rejuvenated or replaced if performance is below the manufacturer's recommended levels.
8. Within 120 days of the completion of the initial source test, Dyno Overlays Inc shall demonstrate that the combined ambient impact of Coating Line No. 2 and No. 3 does not exceed the ASIL for formaldehyde in accordance with PSAPCA Regulation III, Section 2.07.
9. Dyno Overlays Inc shall continuously monitor and record the pre-catalyst and post-catalyst temperatures. These records shall be maintained for at least five years and made available to PSAPCA personnel upon request.
10. Dyno Overlays Inc shall report to PSAPCA any period when Line No. 3 is operating outside the temperature range in Condition No. 6 and not corrected within twenty-four hours. Such reports shall be submitted within thirty days after the end of the month in which the event occurred.


KWAME AGYEI
Reviewing Engineer

MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 12048

Notice of
Construction No. 5089

Date OCT 4 1993

Install one new Vits IPA/N Paper Impregnation Line (Melamine/Polyester) with an ABB Combu-Changer RCC95 Thermal Oxidizer at 16,700 cfm, and relocate one Vits IPA/N Paper Impregnation Line (Phenolic/Formaldehyde) with a Vits TV44 Thermal Oxidizer at 16,400 cfm; and 14 tanks: two 10,000 gallon - 1 Methanol (S8) and 1 Acetone (S9); and twelve 7,500 gallon - 2 Phenolic Glueline Resin (S1 and S2), 4 Phenolic Resin (S11, S12, S15 and S16), 1 Polyester Resin (S10), 2 Urea Formaldehyde Resin (S13 and S14), 2 Melamine Formaldehyde Resin (S17 and S18), and 1 Safety Tank (S3); and two Solvent Mixing Rooms (Melamine/Phenol).

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2144 MILWAUKEE WY
TACOMA WA 98421

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DYNO OVERLAYS, INC
2144 MILWAUKEE WY
TACOMA WA 98421


INSTALLATION ADDRESS

DYNO OVERLAYS, INC, 2144 MILWAUKEE WY, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. The line #1 (melamine) stack shall have a height of 45' and diameter of 32" at exhaust exit.
5. The line #2 (phenolic) stack shall have a height of 50' and diameter of 32" at exhaust exit.
6. Dyno shall install and maintain a continuous monitor for the temperature of the thermal oxidizers on line #1 and #2. Dyno shall maintain these records for at least two years, and make them available to PSAPCA inspectors.
7. Dyno shall send a written report to PSAPCA within 30 days of any time the operating temperature drops below 1500 degrees F for the line #1 thermal oxidizer and 1400 degrees F for the line #2 thermal oxidizer.


JOHN K. ANDERSON
Reviewing Engineer


JAY M. WILLENBERG
Reviewing Engineer


for ARTHUR DAVIDSON
Air Pollution Control Officer

MEJ

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 12048

Notice of Construction No. 5181

Date OCT 6 1994

One VITS LT-87 Pilot Treater with a Thermal Oxidizer AT 590 cfm (300F).

PETER MAYOU/MARK LINDQUIST

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DYNO OVERLAYS, INC
2144 MILWAUKEE WY
TACOMA WA 98421

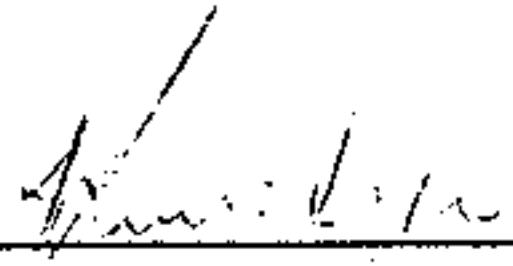
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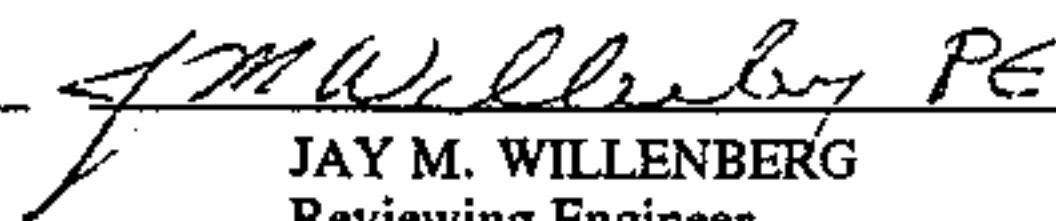
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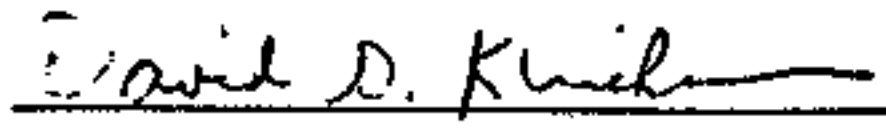
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Operation of this pilot treater shall be limited to 10 hours a day at 2 meters per minute for a maximum of 750 hours a year.
5. Exhaust from this pilot treater shall be ducted to the production line thermal oxidizer if neighborhood complaints are received.
6. This Order of Approval No. 5181 to modify Condition No. 4 hereby cancels and supersedes Order of Approval No. 5181 dated Nov 15, 1993.


KWAME AGYEI
Reviewing Engineer

MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer