

Puget Sound Clean Air Agency

Attachment A

110 Union Street, Suite 500, Seattle, WA 98101-2038: Agata McIntyre (206) 689-4061

Point Source Emission Report

June 11, 2003

BOEING COMMERCIAL AIRPLANE AUBURN

Facility ID #: 13117

AFS#: 053-033-00015

Section 4 - Facility Emission Summary

<u>AS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/ 2001</u>	<u>tons / 2001</u>	<u>pounds/2002</u>	<u>tons /2002</u>
1-55-6	TH	1,1,1-Trichloroethane (Methyl chloroform)	157	< 1		
5-13-1	T	1,1,2-Trichloro-1,2,2-trifluoroethane	20	< 1		
5-63-6	V	1,2,4-Trimethyl benzene	457	< 1		
16-88-7	VTH	1,2-Epoxybutane (1,2-Butylene oxide)				
16-99-0	VTH	1,3-Butadiene	1	< 1		
8-52-5	VT	1,3-Dichloro-5,5-dimethyl hydantoin				
12-06-7	V	1,3-Diphenyl guanidine				
13-91-1	VTH	1,4-Dioxane (1,4-Diethylene oxide)	16	< 1		
18-03-2	VT	1-Nitropropane				
18-37-0	VT	2,6-Ditert.butyl-p-cresol				
1-93-3	VTH	2-Butanone (MEK; Methyl ethyl ketone)	20,188	10		
2-07-2	V	2-Butoxy Ethyl Acetate	6	< 1		
1-76-2	VTH	2-Butoxyethanol (Butyl cellosolve; Ethylene glycol monobutyl ether) [glycol ether]	1,289	< 1		
0-80-5	VTH	2-Ethoxyethanol (Cellosolve) [glycol ether]				
1-15-9	VTH	2-Ethoxyethyl acetate [glycol ether]	118	< 1		
4-76-7	V	2-Ethyl-1-hexanol	20	< 1		
-28-5	V	2-Methyl propane (isobutane)	2,965	1		
-46-9	VTH	2-Nitropropane				
7-87-9	VT	2-Pentanone (Methyl propyl ketone)	23,067	12		
07-30-9	V	2-Propoxy-ethanol				
3-69-9	V	3-Ethyl ethoxypropionate	284	< 1		
26-74-4	V	4-(diglycidylamino) phenyl glycol	4	< 1		
-05-7	V	4,4'-Isopropylidendiphenol	4	< 1		
1-77-9	VTH	4,4'-Methylene dianiline				
-07-0	VTH	Acetaldehyde	2	< 1		
04-35-7	V	Acetate				
-19-7	VT	Acetic Acid				
-64-1	T	Acetone	21,119	11		
3-54-6	V	Acetyl acetone	658	< 1		
7-02-8	VTH	Acrolein				
03-18-3	V	Acrylonitrile/Butadiene copolymer				
4-04-9	V	Adipic acids				
254-79-9	V	Aliphatic compounds				
742-48-9	V	Aliphatic hydrocarbon solvent	70	< 1		
742-55-8	V	Aliphatic hydrocarbon, sulfurized	3	< 1		
142-30-3	V	Aliphatic polyglycidyl ether				
54-17-6	V	Aliphatic secondary naphalene amine (1)	571	< 1		
157-68-7	V	Aliphatic secondary naphalene amine(2)	571	< 1		

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8603-33-8	V	Alkenes, c15-20 alpha-polymers with cottonseed oil and s				
8609-96-1	V	Alkyl glycidyl ethers				
5766-18-1	V	Alpha-pinene polymer				
429-90-5	T	Aluminum (alkyls and soluble salts)	97	< 1		
72-50-4	V	Amide, Cyclic				
8334-60-1	V	Amine hardener				
19-30-2	V	Amino propyl triethoxysilane				
760-24-3	V	Amino propyl trimethoxysilane	4	< 1		
0565-76-8	V	Aminoethyl aminoethyl imidazoline,n-				
40-31-8	V	Aminoethyl piperazine,N-				
664-41-7	T	Ammonia (NH3)	92	< 1		
440-36-0	T H	Antimony and compounds				
309-64-4	T H	Antimony trioxide, as Sb [antimony compound]	9	< 1		
6125-61-1	V	Aramid	20	< 1		
8551-16-6	V	Aromatic hydrocarbons				
8650-36-2	V	Aromatics(c8+)				
440-38-2	T H	Arsenic and inorganic arsenic compounds				
332-21-4	T H	Asbestos				
440-39-3	T	Barium, soluble compounds Ba	4	< 1		
1-43-2	V T H	Benzene	54	< 1		
0-51-3	V	Benzene sulfonyl hydrazide, p,p-oxybis				
7853-59-1	V	Benzene, 1,1'-(1,2-ethanediylbis(oxy))bis(2,4,6-tribromo				
2534-81-9	V	Benzene,1,1'-oxybis penabromo				
6-55-3	V T H	Benzo(a)anthracene [POM]				
0-32-8	V T H	Benzo(a)pyrene [POM]				
05-99-2	V T H	Benzo(b)fluoranthene [POM]				
07-08-9	V T H	Benzo(k)fluoranthene [POM]				
4-36-0	V T	Benzoyl peroxide	15	< 1		
00-51-6	V	Benzyl alcohol	1,142	< 1		
440-41-7	T H	Beryllium and compounds				
12-24-3	V	Bis 1,2-Ethanediamine,N,N'				
1173-64-3	V	Bis dimethyl aminoethyl hydroxyphenyl				
1556-26-7	V	Bis-(1,2,2,6,6-pentamethyl-4-piperidinyl)secacate				
17-81-7	V T H	Bis(2-ethylhexyl)phthalate (DEHP)				
8906-96-9	V	Bisphenol a/novolak blend				
675-54-3	V	Bisphenol a/polyglycidyl ether	3	< 1		
0039-93-8	V	Brominated glycidyl ether bisphenol a resin-1				
003-17-2	V	Butadiene Polymer				
06-97-8	V T	Butane	53	< 1		
425-79-8	V	Butanediol diglycidyl ether				

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6299-47-8	V	Butyl acrylate, polymer with styrene & acrylonitril				
5-68-7	V	Butyl Benzyl Phthalate				
42-96-1	V	Butyl ether	676	<1		
665-72-7	V	Butyl glycidyl ether mod. epoxy resin				
101-60-8	V	Butylphenylglycidylether, p-tert				
4562-31-7	V	Butyraldehyde - analine				
440-43-9	TH	Cadmium and compounds				
3765-19-0	TH	Calcium chromate, anhydrous				
305-78-8	T	Calcium oxide				
6-22-2	VT	Camphor, synthetic				
11-90-0	V	Carbitol (Diethylene glycol monoethyl ether)	1	<1		
333-86-4	T	Carbon black	2	<1		
O		Carbon Monoxide (CO)	68,426	34		
001-79-4	V	Castor oil				
004-36-8	V	Cellulose acetate butyrate				
782-50-5	TH	Chlorine				
1788-76-9	V	Chloro alkanes	2	<1		
5-45-6	T	Chlorodifluoromethane (Freon 22 propellant)				
3037-39-8	V	Chlorosulfonated polyethylene				
140-47-3	TH	Chromium and compounds	22	<1		
140-50-8	T	Copper (dust, mist and fumes)	2	<1		
119-77-3	VTH	Cresols/cresylic acid and compounds				
1447-14-3	V	Cresyl glycidyl ether(1)				
1-82-8	VTH	Cumene (Isopropylbenzene)	35	<1		
1-15-9	V	Cumene hydroperoxide				
0-82-7	VT	Cyclohexane	347	<1		
18-93-0	VT	Cyclohexanol				
18-94-1	VT	Cyclohexanone	10,928	5		
18-91-8	VT	Cyclohexylamine				
560-89-9	V	Cyclooctene (C18H12CL12)				
63-19-5	V	Decabromodiphenyl oxide (DBDPE)				
3-42-2	VT	Diacetone alcohol	31	<1		
6-36-8	VT	Dibenz(a,h)acridine				
-74-2	VTH	Dibutyl phthalate				
8-08-6	V	Dibutyltin oxide				
-71-8	T	Dichlorodifluoromethane	7	<1		
-09-2	TH	Dichloromethane (Methylene chloride)	825	<1		
4-66-5	V	Dicyandiamide				
1-58-5	V	Dicyandiamide (cyano guanidine)				
1-42-2	VTH	Diethanolamine	1	<1		
-66-2	VT	Diethyl phthalate				
179-98-1	V	Diethyl toluene diamine				

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04-78-9	V	Diethylamino propylamine				
00-37-8	VT	Diethylaminoethanol, 2-				
3680-35-8	V	Diethylbisaniline,0-				
246-51-9	V	Diethylene glycol bis 3-aminopropyl ether	1	<1		
11-96-6	V	Diethylene glycol dimethyl ether				
12-34-5	V H	Diethylene glycol monbutyl ether [glycol ether]				
11-40-0	VT	Diethylenetriamine (DETA)				
5085-99-8	V	Diglyceride ether of bisphenol A, mixed	9	<1		
095-06-9	V	Diglycidal amiline				
08-83-8	VT	Diisobutyl ketone	433	<1		
6471-62-5	V	Diisocyanatemethyl benzene,1,3				
8515-48-0	V	Diisononyl phthalate				
27-93-0	V	Dimethyl adipate				
3138-28-0	V	Dimethyl dioctadecyl ammonium bentonit				
15-10-6	V	Dimethyl ether propellant	106	<1		
50-68-5	V	Dimethyl P-chlorophenyl urea, 1,1-				
31-11-3	VT H	Dimethyl phthalate				
3148-62-9	V	Dimethyl siloxane				
06-65-0	V	Dimethyl succinate				
3-12-2	VT H	Dimethylformamide				
26-06-7	V	Dimethylhydantoin,5-,1-BR-3-CI-5				
119-40-0	V	Dimethyl glutarate				
18-86-3	V	Dipentene	1	<1		
5447-40-5	V	Diphenylmethane diisocyanate				
1590-94-8	VT	Dipropylene glycol methyl ether	27	<1		
1741-86-2	V	Distillate, sweetened middle	1,086	<1		
1742-54-7	V	Distillates (petroleum) hydrofvid	10	<1		
00-54-1	VT	Diuron				
06-89-8	VT H	Epichlorohydrin (1-Chloro-2,3-epoxypropane)				
0068-38-6	V	Epoxy resin	12	<1		
0036-25-3	V	Epoxy resin (1)	14	<1		
312-33-7	V	Epoxy resin(1)	21	<1		
390-91-2	V	Epoxy resin(4)				
020-73-1	V	Epoxy resins				
13-07-8	V	Epoxy soy oil				
318-41-2	V	Ethanediamine,n-(2-aminoethyl)-,polymer w/ (butoxymethyl)oxir				
1-43-5	VT	Ethanolamine (Monethanol amine)	3	<1		
02-88-4	V	Ethene, homopolymer				
448-20-2	V	Ethoxylated bisphenol dimethylacrylate(1)				
1-36-2	V	Ethyl 2-methyl imidazole-4-				
1-78-6	VT	Ethyl acetate	340	<1		

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4-17-5	VT	Ethyl alcohol (Ethanol)	27,452	14	_____	_____
00-41-4	VTH	Ethyl benzene	285	<1	_____	_____
085-85-0	V	Ethyl cyanoacrylate	_____	_____	_____	_____
8-10-4	VT	Ethyl silicate	_____	_____	_____	_____
8-42-2	V	Ethyl-1-hexanol phosphate, 2-	_____	_____	_____	_____
7-99-6	V	Ethyl-2-(Hydroxymethyl)-1, 3-Propanediol	_____	_____	_____	_____
9415-87-2	V	Ethyl-5-methylhydantoin,1,2-DI-CI-4	_____	_____	_____	_____
07-15-3	VT	Ethylene diamine	1	<1	_____	_____
07-06-2	VTH	Ethylene dichloride (1,2-Dichloroethane)	5	<1	_____	_____
07-21-1	VTH	Ethylene glycol	_____	_____	_____	_____
6-45-7	VTH	Ethylene thiourea	_____	_____	_____	_____
8783-36-8	V	Fatty acids, C16-22, lithium salts	_____	_____	_____	_____
8410-23-1	V	Fatty acids,C18-unsat,dimers,rxn prdts w/p'ethylene amines	_____	_____	_____	_____
0-00-0	VTH	Formaldehyde	73	<1	_____	_____
4-18-6	VT	Formic acid (methanoic acid)	60	<1	_____	_____
3-00-0	VT	Furfuryl alcohol	38	<1	_____	_____
5-48-0	V	Gamma-Butyrolactone	43	<1	_____	_____
006-61-9	V	Gasoline	_____	_____	_____	_____
11-30-8	VT	Glutaraldehyde	_____	_____	_____	_____
5-81-5	V	Glycerol	_____	_____	_____	_____
LYET	VTH	Glycol ethers	_____	_____	_____	_____
46-06-0	V	Glycol methylene ether	_____	_____	_____	_____
3132-29-6	V	Glycerides	_____	_____	_____	_____
4742-94-5	V	Heavy aromatic naphtha (petrol)	_____	_____	_____	_____
42-82-5	VT	Heptane (n-Heptane)	628	<1	_____	_____
719-04-4	V	Hexahydro-1,3,5,-tris-(2-Hydro XYL-S-Triazin)	_____	_____	_____	_____
5-42-7	V	Hexahydrophthalic Anhydride	1	<1	_____	_____
506-66-3	V	Hexahydrophthalimide	_____	_____	_____	_____
22-06-0	VTH	Hexamethylene diisocyanate	1	<1	_____	_____
9-11-8	V	Hexandiol, 1, 6	_____	_____	_____	_____
10-54-3	VTH	Hexane (n-Hexane)	1,408	<1	_____	_____
1103	VT	Hexane, other isomers	558	<1	_____	_____
17-41-5	VT	Hexylene glycol	_____	_____	_____	_____
1182-81-2	V	Homopolymer of HDI	55	<1	_____	_____
1240-01-7	V	Hydrocarbon resin	_____	_____	_____	_____
1742-96-7	V	Hydrocarbon solvent	_____	_____	_____	_____
147-01-0	TH	Hydrochloric acid (Hydrogen chloride)	29	<1	_____	_____
164-39-3	TH	Hydrogen fluoride (Hydrofluoric acid)	47	<1	_____	_____
122-84-1	T	Hydrogen peroxide	14	<1	_____	_____
13-16-2	V	Hydroquinone mono benzyl ether	_____	_____	_____	_____
1741-96-4	V	Hydrotreated light oil, aliphatic	_____	_____	_____	_____

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4742-52-5	V	Hydrotreated light petroleum distillate	105	< 1	_____	_____
5850-24-8	V	Imidazolidinedione,1,3-bis(2-hydroxyethyl)-5,5-Dimethyl,2-4	_____	_____	_____	_____
93-39-5	VT H	Indeno (1,2,3-cd)pyrene [POM]	_____	_____	_____	_____
309-37-1	T	Iron oxide fumes, Fe2O3 as Fe	_____	_____	_____	_____
5098-37-3	V	Isobenzofurandione/2,5-Furandione,2,2-Oxybis	_____	_____	_____	_____
10-19-0	VT	Isobutyl acetate	9	< 1	_____	_____
3-83-1	VT	Isobutyl alcohol	69	< 1	_____	_____
7-85-8	V	Isobutyl Isobutyrate	_____	_____	_____	_____
1954-83-5	V	Isocyanate terminated polyester prepolymer	_____	_____	_____	_____
08-21-4	VT	Isopropyl acetate	12	< 1	_____	_____
7-63-0	VT	Isopropyl alcohol (Isopropanol)	7,107	4	_____	_____
008-20-6	V	Kerosene	505	< 1	_____	_____
0776-86-2	V	Keto-amine (substituted)	_____	_____	_____	_____
016-28-2	V	Lard oil	_____	_____	_____	_____
039-92-1	T H	Lead and compounds	_____	_____	_____	_____
058-97-6	T H	Lead chromate, as Cr [lead and chromium compound]	4	< 1	_____	_____
0476-85-7	VT	Liquified petroleum gas	5	< 1	_____	_____
009-48-4	T	Magnesium oxide fumes	_____	_____	_____	_____
0611-24-5	V	Magnesium resinate(1)	_____	_____	_____	_____
039-96-5	T H	Manganese and compounds	8	< 1	_____	_____
09147-89-6	V	Mercaptan terminated polymer	_____	_____	_____	_____
039-97-6	T H	Mercury and compounds	_____	_____	_____	_____
08-67-8	V	Mesitylene (1,3,5-Trimethylbenzene)	181	< 1	_____	_____
7-05-3	VT	Methyl 2-cyanoacrylate	_____	_____	_____	_____
056-1	VT H	Methyl alcohol (Methanol)	2,769	1	_____	_____
09-86-4	VT	Methyl cellosolve (2-Methoxyethanol)	133	< 1	_____	_____
038-23-4	VT	Methyl ethyl ketone peroxide	_____	_____	_____	_____
08-11-2	VT	Methyl isobutyl carbinol	67	< 1	_____	_____
08-10-1	VT H	Methyl isobutyl ketone (MIBK; Hexone)	8,397	4	_____	_____
00-43-0	VT	Methyl n-amyl ketone	4,593	2	_____	_____
02-62-9	V	Methyl oleate	_____	_____	_____	_____
034-04-4	VT H	Methyl tert butyl ether	_____	_____	_____	_____
004-87-3	V	Methyl violet 2B	_____	_____	_____	_____
0604-41-1	V	Methyl-3 (3-phenylene)bis(n,n-dimethylurea), n'n	_____	_____	_____	_____
09-87-5	VT	Methylal	_____	_____	_____	_____
024-30-1	VT	Methylene bis(4-cyclo-hexylisocyanate; cyclohexane)	_____	_____	_____	_____
01-68-8	VT H	Methylene bis(phenyl isocyanate)(Methylene diphenyl diisocyanate MDI)	1	< 1	_____	_____
08-65-6	V	Methyloxy-2-propanol acetate	16	< 1	_____	_____

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253-34-3	V	Methyltriacetoxysilane				
185-55-3	V	Methyltrimethoxysilane				
4741-44-2	V	Mineral seal oil	11	< 1		
4475-85-0	V	Mineral spirits	1	< 1		
4742-88-7	V	Mineral spirits				
439-98-7	T	Molybdenum and compounds				
51-41-7	V	Monododecyl ester of sulfuric				
10-91-8	VT	Morpholine				
477-55-0	VT	m-Xylene a,a'-diamine (Benzenedimethanamine)				
4741-65-7	V	Naphtha (petroleum) heavy alkylated (isopar)	1,527	< 1		
330-30-6	VT	Naphtha (Rubber solvents)				
1-20-3	VT H	Naphthalene				
4742-53-6	V	Napthenic distillate				
23-86-4	VT	n-Butyl acetate	16,428	8		
1-36-3	VT	n-Butyl alcohol	2,486	1		
426-08-6	VT	n-Butyl glycidyl ether (BGE)				
7557-23-2	V	Neopentyl glycol diglycidyl ether				
140-02-0	T H	Nickel and compounds	2	< 1		
97-37-2	T	Nitric acid	204	< 1		
7-68-4	V	Nitrobenzene sulfonic acid, M-, sodium salt				
1-24-3	VT	Nitroethane	12,506	6		
32		Nitrogen Oxides (NO2)	153,987	77		
4-52-5	VT	Nitromethane				
154-52-3	V	Nonylphenol (2)				
16-45-9	V	Nonylphenoxy-poly(Ethyleneoxy) Ethanol				
9-60-4	VT	n-Propyl acetate	1	< 1		
4-23-8	VT	n-Propyl alcohol	2,540	1		
02-93-1	V	Octylphenoxypolyethanolnonionics surfact				
4-50-1	VT	o-Dichlorobenzene				
321-87-8	V	Oleic acid, tetraethylene pentamine polymer				
58-48-8	V	Organophosphate ester				
207	V	Other Volatile Organic Compounds (VOC)	6,011	3		
86-87-0	V	Oxabicyclo (4.1.0)heptane-3-carboxylic acid -	2	< 1		
150-13-9	V	Oxirane,((2,4-dibromo-6-methyl-phenoxy)methyl)				
12-95-1	VT	Paraffin oil (Oil mist, mineral)				
3171-27-3	V	Paraffin, chlorinated				
741-88-4	V	Paraffinic distillate, solvent refined	2	< 1		
742-65-0	V	Paraffinic petroleum distillates	1	< 1		
4-12-0	V	Paraffins				
32-74-2	VT	Parafin wax fumes				
110		Particulate Matter (PM10)	47,790	24		
12.5		Particulate Matter (PM2.5)	20,516	10		

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09-66-0	VT	Pentane	4	<1		
27-18-4	TH	Perchloroethylene (tetrachloroethylene)	1,003	<1		
009-03-8	V	Petrolatum				
2623-83-7	V	Petroleum base oil				
002-05-9	V	Petroleum distillate (hydrocarbon oil)	749	<1		
4742-47-8	V	Petroleum distillate, hydrotreated light	23	<1		
4742-46-7	V	Petroleum distillates	6	<1		
3477-31-6	V	Petroleum distillates				
4742-89-8	V	Petroleum naphtha, paraffins & naphthenes	4,670	2		
3592-78-8	V	Petroleum oil (severely hydrated)				
3231-60-7	V	Petroleum waxes				
08-95-2	VT H	Phenol				
003-35-4	V	Phenol-formaldehyde resin				
064-14-4	V	Phenolic novolak resin	4	<1		
554-75-4	V	Phenolic resin				
64-38-2	T	Phosphoric acid	9	<1		
69-50-5	V	Poly(oxy-1,4-butanediyl)-alpha-hydroxy-om egs-hydro				
322-69-4	V	Polyalkalene glycol				
10-98-4	V	Polychloroprene				
DM	VT H	Polycyclic Organic Matter (POM)				
131-67-8	V	Polydimethylsiloxane				
546-37-9	V	Polyester resin				
797-54-6	V	Polyester resin(1)				
959-88-2	V	Polyester resin(2)				
79-63-3	V	Polyisocyanate				
16-87-9	V	Polymeric MD1 type				
997-05-9	V	Polymerized resin				
10-88-2	V	Polymethylmethacrylate monopolymer				
723-16-4	V	Polyoxypropylene triol				
03-07-0	V	Polypropylene				
511-50-7	V	Polysulfide liquid polmer	4	<1		
02-84-0	V	Polytetrafluoroethylene				
10-58-3	T	Potassium hydroxide	4	<1		
98-6	V	Propane	683	<1		
76-86-8	V	Propane/isobutane(1)	41	<1		
7-19-7	VT	Propargyl alcohol				
7-98-2	VT	Propylene glycol mono-methyl ether	13	<1		
56-9	VT H	Propylene oxide				
0-83-5	V	Refined mineral oils				
42-01-4	V	Residual oils (petroleum) solvent refined				
92-2	VT	sec-Butyl alcohol	7,017	4		

Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038: Agata McIntyre (206) 689-4061

Point Source Emission Report

June 11, 2003

BOEING COMMERCIAL AIRPLANE AUBURN

Facility ID #: 13117

AFS#: 053-033-00015

782-49-2	TH	Selenium and compounds				
28-04-1	V	Sodium Dimethyldithiocarbamate				
5155-30-0	V	Sodium Dodecylbenzene Sulfonate				
70-72-4	V	Sodium Formaldehyde Bisulfite				
310-73-2	T	Sodium hydroxide	454	<1		
8608-26-4	V	Sodium Petroleum Sulfonate				
005-02-5	V	Solvent black				
325-86-6	V	Solvent Blue 5				
4742-57-0	V	Solvent refined, hydrotreated residual oil				
4742-62-7	V	Solvent-Dewaxed Residual Oil				
352-41-3	V	Stoddard solvent	330	<1		
789-06-2	TH	Strontium Chromate	49	<1		
30-42-5	VTH	Styrene	18	<1		
5213-39-2	V	Styrene acrylic resin				
303-53-6	V	Styrene polymer				
5038-32-8	V	Styrene-isoprene copolymer				
02		Sulfur Oxides (SO2)	2,093	1		
564-93-9	T	Sulfuric acid	243	<1		
3991-19-5	V	Sulfurized fatty oil				
1788-32-7	V	Terphenyls, hydrogenated	2	<1		
1-65-0	VT	tert-Butyl alcohol				
1-94-7	V	Tetrabromobisphenol A	2	<1		
12-57-2	V	Tetraethylene pentamine				
1352-16-9	V	Tetraethylsilicate				
19-99-9	VT	Tetrahydrofuran	1	<1		
140-31-5	T	Tin and compounds				
18-88-3	VTH	Toluene	10,891	5		
14-84-9	VTH	Toluene-2,4-diisocyanate (TDI)				
1-72-2	V	Tri (Dimethylaminomethyl) Phenol				
16-73-8	VT	Tributyl phosphate	4	<1		
1-01-6	VTH	Trichloroethylene	454	<1		
1-69-4	T	Trichlorofluoromethane (CFC-11)	7	<1		
30-78-5	V	Tricresyl phosphate (1)				
2-71-6	V	Triethanolamine	19	<1		
1-44-8	VTH	Triethylamine				
2-27-6	V	Triethylene Glycol				
950-63-0	V	Triethylene tetramine polymer with methyl oxirane				
909-20-6	V	Trimethylated silica				
324-33-8	V	Tripropylene glycol methyl ether(1)				
155-23-1	V	Trixylenyl phosphate				
06-64-2	VT	Turpentine	10	<1		
14-62-1	T	Vanadium, as V2O5	2	<1		

Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038: Agata McIntyre (206) 689-4061

Point Source Emission Report

June 11, 2003

BOEING COMMERCIAL AIRPLANE AUBURN

Facility ID #: 13117

AFS#: 053-033-00015

4937-78-8	V	Vinyl acetate copolymer	_____	_____	_____	_____
003-22-9	V	Vinyl chloride/acetate polymer	_____	_____	_____	_____
06-87-6	VT	Vinyl cyclohexene dioxide	_____	_____	_____	_____
5013-15-4	VT	Vinyl toluene	_____	_____	_____	_____
032-32-4	VT	VM & P Naphtha	1	<1	_____	_____
4742-95-6	V	Volatile Petroleum Distillate	283	<1	_____	_____
004-70-0	V	Wet Nitrocellulose	1	<1	_____	_____
042-47-5	V	White Mineral Oil	98	<1	_____	_____
330-20-7	VT H	Xylenes	6,552	3	_____	_____
3530-65-9	T H	Zinc chromates [chromium compound]	_____	_____	_____	_____
314-13-2	T	Zinc oxide, fumes	_____	_____	_____	_____
			=====	=====	=====	=====
		Volatile Organic Compounds Total (V)	193,643	97	_____	_____
		Toxic Air Contaminants Total (T)	194,263	97	_____	_____
		Hazardous Air Pollutants Total (H)	54,713	27	_____	_____



Puget Sound Air Pollution Control Agency

Notice of Construction No. 1250

Date August 6, 1974

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

1250-1 Spray Paint Booth, 17,000 CFM with water wall control 450 gpm

1250-2 Resin Curing Oven, 400 KW, with a Cold Trap control

1250-3 Resin Curing Oven, 250 KW, with a Cold Trap control

Boeing Commercial Airplane Company

Boeing Commercial Airplane Co.

P. O. Box 3707

P. O. Box 3707

Seattle, WA 98124

Seattle, WA 98124

INSTALLATION ADDRESS

GENERAL UNIT

Aburn, WA 98002

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

SPECIFIC

Permission is hereby granted, as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, 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. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

Sample ports will be installed in the spray paint booth breaching IF and when PSAPCA desires to source test the pollutant concentrations.

Reviewing Engineer

A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 1851

Date JUN 19 1978

DeVilbiss Model XWL - 6384 Waterwash Paint Booth

20' W x 8' H x 12' D @ 21,200 SCFM

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The Boeing Company

NAME

Same

NAME

P. O. Box 3707

STREET

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Seattle, WA

CITY

STATE

98124

ZIP

CITY

STATE

ZIP

INSTALLATION ADDRESS

Building 17.56, Column B-19

STREET

Auburn,

CITY

WA

STATE

98002

ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

SPECIFIC

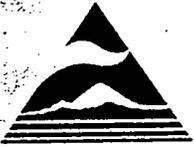
Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.


A. J. Wright
Reviewing Engineer

sj


for: A. R. Dammkoehler

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. 1925

Registration No. 13117

Date MAY 20 1999

One 6,000 cfm Mikropul Model 85-10-150 Baghouse located in Building 17-05.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

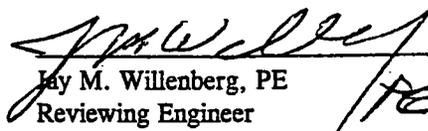
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This Order of Approval No. 1925, issued to alter the description to allow milling of material other than graphite, hereby supersedes and cancels Order of Approval No. 1925 dated Apr 24, 1979.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 1991
NOV 20 1979
Date _____

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Two Binks NPB-20-9-T paint spray booths, each with two 15,000 cfm Binks
33SQA Fans

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Mr. Rodney D. Koop, MS 5H-41

NAME

SAME

NAME

The Boeing Company

P. O. Box 3707, Org A-609

Seattle,

Washington

98124

CITY

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STATE

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INSTALLATION ADDRESS

Bldg. 17-06, 700 15th St. S.W.

Auburn

Washington

98122

STREET

CITY

STATE

ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

SPECIFIC

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, 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. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

Harry A. Walters
Harry A. Walters

Reviewing Engineer

tp

A. R. Dammkoehler

Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 2003
Registration No. 13117
Date OCT 19 1999

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

Two Skin Mill Chip Collection Systems consisting of a Cincinnati Skin Mill, a Classifier rated at 7,000 cfm, Garden City fan No. 19-RF-2 and Flex-Kleen Dust Collector Model No. 100-WRC-80(III)

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

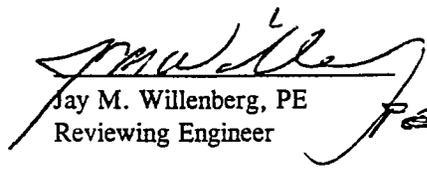
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This Order of Approval No. 2003, issued to correct description, hereby supersedes and cancels Order of Approval No. 2003 dated Oct 23, 1979.

APPEAL RIGHTS

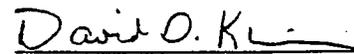
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 2004
Date Oct 23 1979

Eleven spar mill chip collection systems consisting of spar mill, classifier, Garden City
No. 26-RF-2 radial blade 13,371 cfm fan and Flex-Kleen Dust Collector, Model
No. 100-WRC-160 (III)

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Mr. Rod Koop
The Boeing Company
M/S 5H-41
P. O. Box 3707
Seattle, WA 98124

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INSTALLATION ADDRESS

700 - 15th Avenue SW

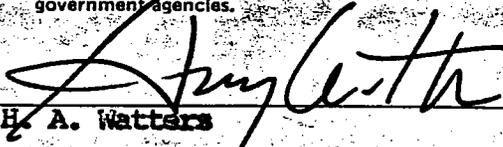
Auburn, Washington 98002

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

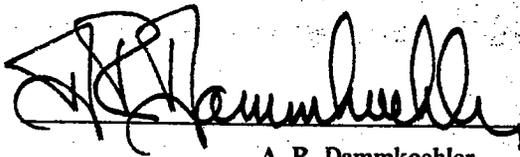
Permission is hereby granted as provided in Article 6 of Regulation I of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation I nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters

Reviewing Engineer

mh



A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2154

Date AUG 27 1980

HEREBY GRANTS PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Binks downdraft paint spray booth, 40' long x 14' wide x 15' high, at 60,000 cfm, with Dynaprecipitor water wash.

Mr. J. V. Voentli

The Boeing Company

Same

P. O. Box 3707, W/S 5B-41

Seattle

Washington

98124

OWNER

INSTALLATION ADDRESS

Bldg. 17.56, 700 15th St. SW, Auburn, WA 98002

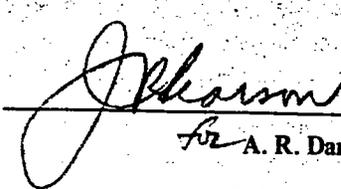
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, 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. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters
Reviewing Engineer


for A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2530

Date APR 4 1984

HEREBY GRANTS PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Two Hornier Dust Collection Units Model GS-32630 A & B, with cyclone and baghouse in series at 3200 cfm each, to control (a) one Ferry Horizontal Honeycomb Core Saw at Col. C-7 and (b) one Ferry Horizontal Honeycomb Core Saw & one Westinghouse 6-Axis Honeycomb

SAME

INSTALLATION ADDRESS

1100 DENVER ST. SW. AUBURN, WA 98001

SUBJECT TO THE FOLLOWING RESTRICTIONS:

GENERAL

Permission is hereby granted, as provided in Article 6 of Regulation 155 of the PSAPCA, to the APPLICANT to install, alter, 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. This approval is not a waiver of liability for the infraction of Regulation 155 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


Harry A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer

kc



Puget Sound Air Pollution Control Agency

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

Notice of Construction No. 2876
Date **FEB 25 1987**

One Carter Day Model 160 HPW-8 baghouse at 31,000 cfm to control wood and plastic dust.

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Mr. R. M. Love
The Boeing Company

NAME

P.O. Box 3707, M/S 5505

STREET

Seattle,

WA

98124

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NAME

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INSTALLATION ADDRESS

Bldg. 17-04, Bay 4: 700 - 15th Street S.W.,

STREET

Auburn,

CITY

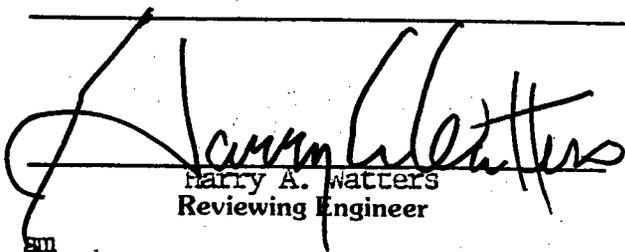
WA

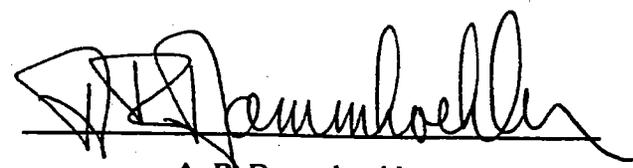
STATE

98002

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, alter 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 or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


Harry A. Watters
Reviewing Engineer


A. R. Dammkoehler
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. 2886

Date MAR 23 1987

Relocate 400,000 gallon storage tank for Bunker C oil, 48 ft. diam. by 32 ft. high

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Mr. R. M. Love
Boeing Commercial Airplane Co.

SAME

P. O. Box 3707, M/S 55-05

Seattle, WA 98124

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STREET

CITY

STATE

INSTALLATION ADDRESS

South of Bldg 17-09, 700 - 15th Ave. S.W., Auburn, WA 98002

STREET

CITY

STATE

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, alter 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 or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Harry A. Waiters
Reviewing Engineer

A. R. Dammkoehler
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 3480

Date MAY 10 1990

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

One Binks Spray Booth/Oven Combination Model TDSO 16-40-TLH with 2 fans at 38,000 each in Bldg 17-56.

RANDY LOVE

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BOEING COMMERCIAL AIRPLANES (AUBURN)
PO BOX 3707 MS 57-04
SEATTLE WA 98124-2207

BOEING COMMERCIAL AIRPLANES (AUBURN)
PO BOX 3707 MS 57-04
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANES (AUBURN), 700 15TH AVE SW, AUBURN, WA, 98002

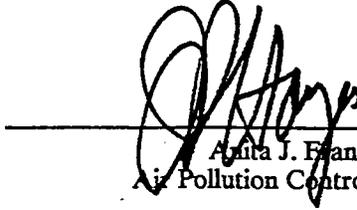
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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, alter 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 or II, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.



HARRY A. WATTERS
Reviewing Engineer

HAW



Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 3552

Date AUG 8 1995

One Pitts.-DeMoins Autoclave #7 with a Bloom Lo-Nox gas-fired burner at 16 MMBH, at 13,040 cfm (350F) in Bldg 17-05.

JENETTE RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. This Order of Approval No. 3552 issued to remove source test requirement hereby supersedes and cancels Order of Approval No. 3552 dated Jun 21, 1990.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

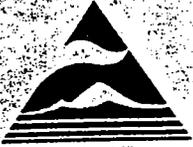
MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David P. McLerran

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. 3587
Registration No. 13117
Date NOV 23 1998

Emergent Manufacturing Facility located in Bldg 17-68: five scrubbers - Harrington SA-1 rated at 19,800 cfm (Col 1-11); Harrington SA-2 rated at 23,760 cfm (A-10.5); Harrington SH-1 rated at 28,580 cfm (A-3); Harrington SH-2 rated at 37,500 cfm (A-2.5); Harrington SH-3 rated at 5,680 cfm (A-2); and three Spray Coating Booths (Col A-6): SBS DB1010 rated at 12,000 cfm; SBS DB2010 rated at 23,500 cfm, and JBI 20 x 10 rated at 23,500 cfm.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MS 5R-14
Seattle, WA 98124-2207

OWNER

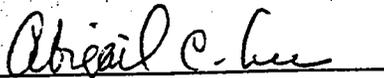
Boeing Commercial Airplane (Auburn)
PO Box 3707 MS 5R-14
Seattle, WA 98124-2207

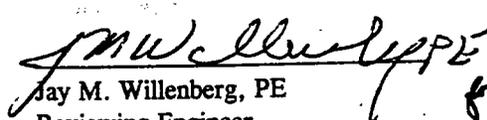
INSTALLATION ADDRESS

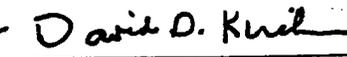
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. This Order of Approval No. 3587, issued to amend description and to add an existing booth previously omitted, hereby supersedes and cancels Orders of Approval No. 3587 dated Dec 28, 1990, Apr 14, 1995, and Jun 24, 1998.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg, PE
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. 13117

Notice of
Construction No. 3641

DATE OCT 04 1990

One 15'x12'x10' dry filter paint spray booth at 18,000 cfm and one Ovens Systems Oven at 1500 cfm.

RANDY LOVE

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BOEING COMMERCIAL AIRPLANES (AUBURN)
PO BOX 3707 MS 57-04
SEATTLE WA 98124-2207

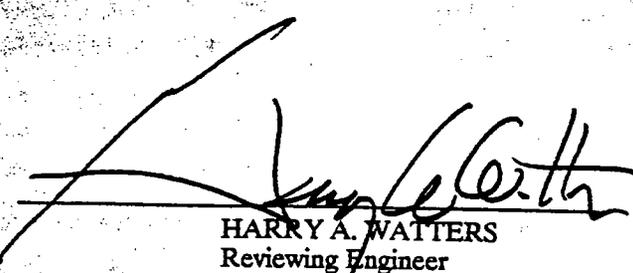
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BOEING COMMERCIAL AIRPLANES (AUBURN)
PO BOX 3707 MS 57-04
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

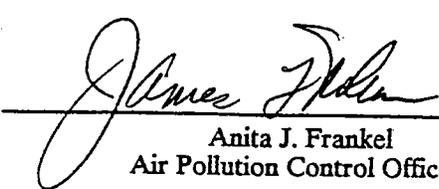
BOEING COMMERCIAL AIRPLANES (AUBURN), 700 15TH AVE SW, AUBURN, WA, 98002

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, alter 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.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 3740

Date: JAN 10 1991

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

One Aerolyte/Omega OMB 290-P9-D Plastic Media Blast with an Aerolyte/Omega RPH-3R Reverse Pulse Jet Cartridge Baghouse at 2500 cfm, in the Emergent Manufacturing Facility (EMF), Bldg 17-68, Col C-10.5.

RANDY LOVE

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BOEING COMMERCIAL AIRPLANE CO (AUB)
PO BOX 3707 MS 55-05
SEATTLE WA 98124

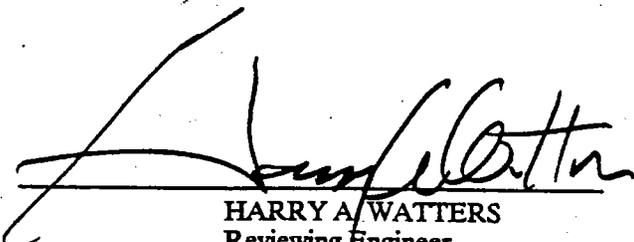
O BOEING COMMERCIAL AIRPLANE CO (AUB)
W PO BOX 3707 MS 55-05
N SEATTLE WA 98124
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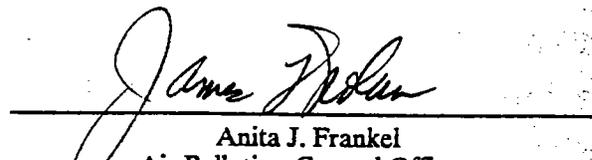
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE CO (AUB), 700 15TH ST SW, AUBURN, WA, 98002

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.


HARRY A. WATTERS
Reviewing Engineer
HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 3842
Registration No. 13117
Date JUN 12 2001



Clean Air Agency

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

Six Harrington Fume Scrubbers (FS): FS-1 Model ECU 66SIB rated at 15,900 cfm, FS-2 ECV 45-IB rated at 8000 cfm, FS-3 ECV 912-5IB rated at 50,000 cfm, FS-4 ECV 78 5IB rated at 24,300 cfm, FS-5 ECV 56-5IB rated at 13,500 cfm, and FS-6 ECV 56-5IB rated at 12,500 cfm; two Harrington Chrome Scrubbers (CS): CS-1 Model ECV 44 5IB rated at 6300 cfm and CS-2 ECV 56-5IB rated at 12,500 cfm; two Binks Custom Spray Booths (20x12x10) rated at 20,000 cfm; two Despatch Custom Paint Cure Ovens (14'x6'x8') rated at 2110 cfm; and two Cleaver Brooks CB-300-150 gas fired Hot Water Boilers rated at 12.6 MMBtu/hr heat input each. All equipment in Bldg 17 62, Welded Duct Facility. Hard Metals Clean Line: Tanks H3 and H5 to Scrubber FS-4; H8a to FS-3; H13 & H15 to FS-1. Details Clean Line: Tank D3 to Scrubber FS-5. Aluminum Clean Line: Tank A5 to CS-1; A9 & A11 to CS-2; A14 to FS-6.

APPLICANT

Peter Weickmann
Boeing Commercial Airplane (Auburn)
PO Box 3707, A-1320, MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707, MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

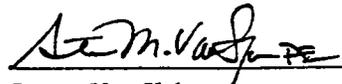
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

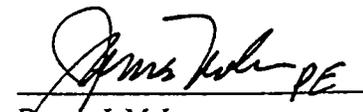
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Auburn) shall notify the Puget Sound Clean Air Agency of the make and model of all equipment at least 30 days before installation.
4. Boeing (Auburn) shall keep monthly records of the natural gas fuel use for the two Cleaver Brooks CB-300-150 gas fired boilers. Boeing (Auburn) shall comply with all other applicable requirements as stated in 40 CFR 60 Subpart Dc.
5. This Order of Approval No. 3842, modified to reduce fuel usage recordkeeping frequency from daily to monthly for gas fired boilers subject to 40 CFR 60 Subpart Dc, hereby supersedes and cancels Order of Approval No. 3842 dated May 7, 1991.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Agata McIntyre
Reviewing Engineer


Steven Van Slyke
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

mej

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 3994

Date JUL 22 1999

One replacement 100'x15'x16' JBI Spray Booth at 180,000 cfm (six fans at 30,000 cfm each) in the SW corner of Bldg 17-10.

RANDY LOVE

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 55-05
SEATTLE WA 98124

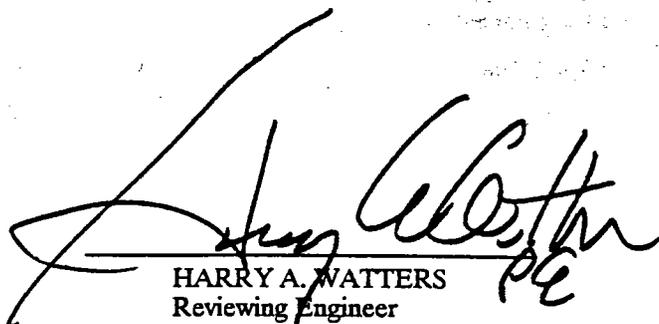
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(AUBURN)
PO BOX 3707 MS 55-05
SEATTLE WA 98124

INSTALLATION ADDRESS

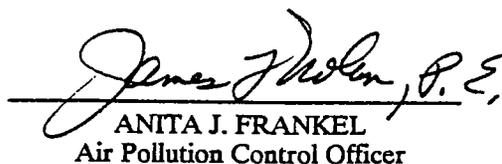
BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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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.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 4192

DATE NOV 14 1991

Three Day 128 RFW8 Baghouses at 11,000 cfm each and one Day RFW 10 Baghouse at 7,000 cfm to control aluminum chips from the wing skin milling operation outside of the 17-06 Bldg at Col A-16.

DAVE MUMMEY

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 57-04
SEATTLE WA 98124-2207

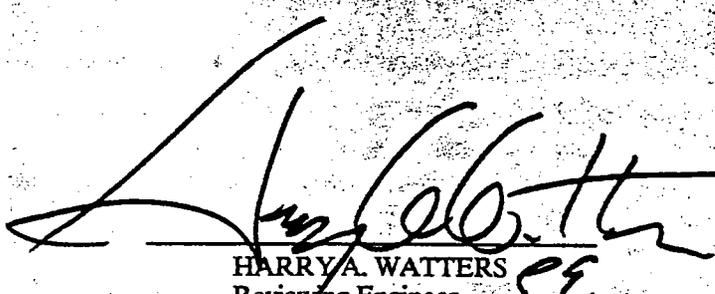
O BOEING COMMERCIAL AIRPLANE (AUBURN)
W PO BOX 3707 MS 57-04
N SEATTLE WA 98124-2207
R

INSTALLATION ADDRESS

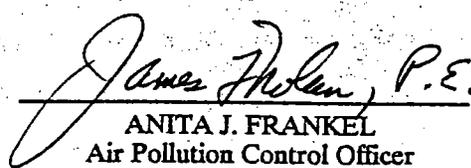
BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 4684

Date OCT - 2 1992

One Vacublast Shot Peen System with a Torit Downflow Cartridge Dust Collector at 2,000 cfm (68F) in Building 17-07.

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

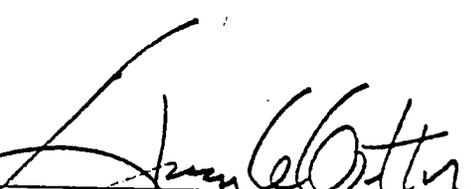
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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

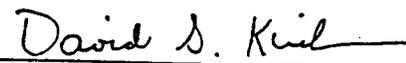
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 4685

Date OCT - 2 1992

Three Pangborn Wheel Machine Shot Peeners with three Cartridge Pulse 20-CP-5-RP Cartridge Dust Collectors at 5,275 cfm each (68F) in Building 17-07.

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE

WA 98124-2207

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PO BOX 3707 MS 30-AX

SEATTLE

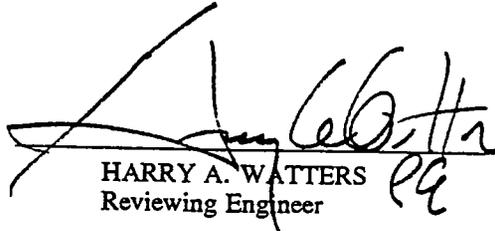
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

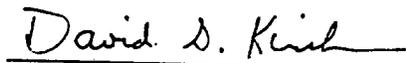
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of Construction No. 4686

Date OCT - 2 1992

One Progressive Technologies Double Plus Chord Shot Peener with a Torrit 4Df 16 Downflo Cartridge Dust Collector at 5,000 cfm (68F) in Building 17-06.

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 30-AX

N SEATTLE

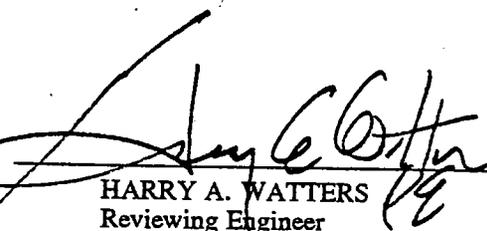
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

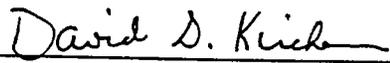
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 4687

Date OCT - 2 1992

One Progressive Technologies 5 Axis Nozzle Shot Peener with a C-15 Progressive Technologies Dust Collector at 5,000 cfm (68F) in Building 17-07.

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 30-AX

N SEATTLE

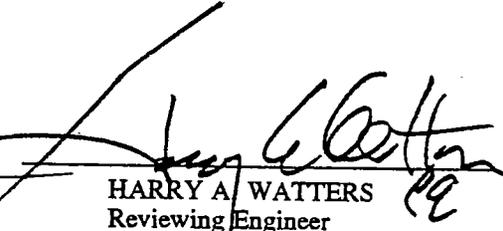
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

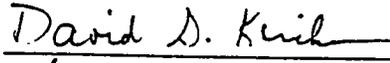
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 4732

Date NOV 18 1992

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

One Paint Mixing Area at 900 cfm (70F) and one Paint Test Spray Booth at 16,000 cfm (70F) located in the 17-66 Building. This replaces the same operation currenting performed at the Renton Plant.

HAL ALSID

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 900 15TH ST AVE SW, AUBURN, WA, 98002

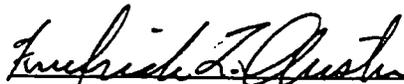
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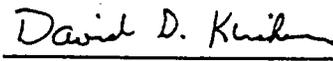


ABIGAIL C. LEE
Reviewing Engineer

MEJ



FREDRICK L. AUSTIN P.E.
Reviewing Engineer



for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 5092

Date AUG 17 1993

Three Metal Shop Cleaning Dust Collection Systems at 7,000 cfm each located in Building 17-06 at Columns C23, C24, and D5.

HAL ALSID

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 30-AX

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

for

David D. Kind

for JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of Construction No. 5159

Date FEB 14 1994

Tool Grinding Operations serviced by air-exhaust systems which are ducted to baghouses located outside of Building 17-58; Baghouse 102 for Bay 3—dry at 46,680 cfm Column D14, Baghouse 202 for Bay 2—wet at 21,975 cfm Column D10, Baghouse 302 for Bay 2—wet at 9,100 cfm Column D5/6, and Baghouse 403 for Bay 1—oil mist at 9,100 cfm Column D3/2.

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A mechanical gage must be installed and maintained to indicate, in inches of water column, the static pressure differential across the bags. The acceptable range will be clearly marked to allow verification of good Operations & Maintenance.
5. Dust collected by the baghouse filter shall be discharged into closed containers only.
6. Visible emissions shall not exceed 5 percent opacity for more than three minutes in any one-hour period.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kurb

for ARTHUR DAVIDSON
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 5160

Date OCT 12 1993

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

One Bleeker Bros. Peerless Water Wash Flame Spray Booth (19'LX15'WX8'H) at 21,600 cfm in Building 17-05/H2, to support airplane parts manufacturing.

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SEATTLE WA 98124-2207

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M Wilkenberg

JAY M. WILLENBERG
Reviewing Engineer

David A. Keil

for ARTHUR DAVIDSON
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. 5283

Registration No. 13117

Date MAR 12 1999

Milling Machines serviced by air exhaust systems which are ducted to three Spencer Dust Collectors, rated at 500 cfm each, located in Building 17-05 A4.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

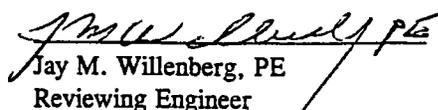
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. A mechanical gauge must be installed and maintained to indicate, in inches of water column, the static pressure differential across the bags.
4. Dust collected by the baghouse filter shall be discharged into closed containers only.
5. Visible emissions shall not exceed five percent opacity for more than three minutes in any one-hour period.
6. This Order of Approval No. 5283, issued to amend description to allow the milling of materials other than graphite, hereby supersedes and cancels Order of Approval No. 5283 dated Feb 23, 1994.

APPEAL RIGHTS

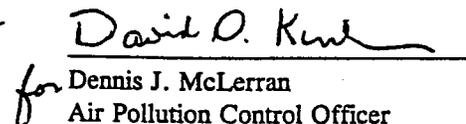
Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
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. 13117

Notice of
Construction No. 5404

Date APR 13 1995

One Thomas Industries dry filter Paint Spray Booth (21'x14'x8.3') exhausted at 15,350 cfm, located in 17-08 Building, C5.5.

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 30-AX

SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. This Order of Approval No. 5404 issued to simplify the description hereby supersedes and cancels Order of Approval No. 5404 dated May 11, 1994.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David P. Kuhl

DENNIS J. McLERRAN
for Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 5436

Date APR 13 1995

One Bleeker Brothers Dry Filter Paint Spray Booth at 23,500 cfm to spray various types of airplane parts, located in the 17-56 Building/B20.

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. This Order of Approval No. 5436 issued to simplify the description hereby supersedes and cancels Order of Approval No. 5436 dated May 11, 1994.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kinker

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 5552

Date MAR 31 1995

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

One Bleeker F-30-12-12 Dry Filter Paint Spray Booth (12'H x 30'W x 12' Deep) with two vertical stacks exhausted at 22,500 cfm each for painting aircraft parts and aircraft production tools, located in Building 17-65/F1.

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

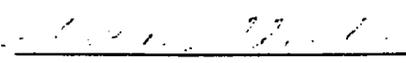
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

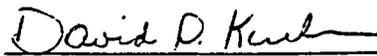
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the 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. Boeing shall install and maintain a gage to indicate the static pressure differential across the exhaust filters. Within 60 days, ranges for the gage shall be clearly marked on, or nearby, the gage.
5. This Order of Approval issued to correct the building number hereby supersedes and cancels Order of Approval No. 5552 dated Aug 5, 1994.



ABIGAIL C. LEE
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. 13117

Notice of
Construction No. 5964

Date MAY 15 1995

A Tool Grind Oil Cleaning Process, for cleaning the used oil from the tool grind process, consisting of a Centrifuge controlled by a Torit Mist Collector to clean the exhaust stream rated at 1,000 cfm located in Building 17-58: Col. C.9/1.5.

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

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R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A gage to indicate the static pressure differential across the exhaust filters will be installed and maintained for the mist collector. Within 90 days after beginning equipment operations, the acceptable range shall be clearly marked on or nearby the gage.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg PE

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuehn

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. 13117

Notice of
Construction No. 5985

Date JUN 5 1995

A Brazing-Molten Salt Bath Operation with a Scrubber located in Bldg. 17-62/B1.

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SEATTLE WA 98124-2207

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

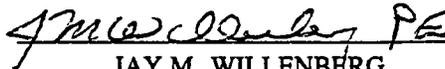
BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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.



ABIGAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 5986

Registration No. 13117

Date JUN 12 2001

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

Two Cleaver Brooks 10.4 MMBtu/hr each Cleaver Brooks CB-700-250-125 HW Boilers located on the mezzanine of Building 17-66, J-K/5.

APPLICANT

Peter Weickmann
Boeing Commercial Airplane (Auburn)
PO Box 3707, A-1320, MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

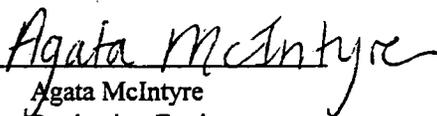
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

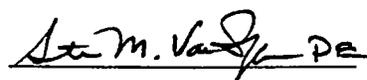
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Auburn) shall keep monthly records of the natural gas fuel use for the two Cleaver Brooks CB-700-250-125 HW gas fired boilers. Boeing (Auburn) shall comply with all other applicable requirements as stated in 40 CFR 60 Subpart Dc.
4. This Order of Approval No. 5986, modified to reduce fuel usage recordkeeping frequency from daily to monthly for gas fired (NSPS Dc) boilers, hereby supersedes and cancels Orders of Approval No. 5986 dated Jun 5, 1995.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Agata McIntyre
Reviewing Engineer


Steven Van Slyke
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

mej

Puget Sound Air Pollution Control Agency

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

Notice of
Construction No. 5987

Date JUN 5 1995

One Paint Booth located in Bldg 17-66/J8.

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

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PO BOX 3707 MS 30-AX
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

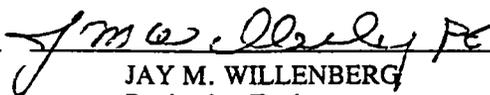
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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.

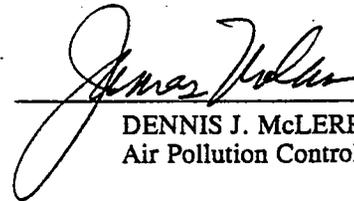


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



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. 13117

Notice of
Construction No. 6109

Date JUL 14 1995

Viron VVS Packed Bed Fume Scrubber rated at 27,300 cfm to control acid emissions from Tank 4 in Building 17-06/A6.

JENNETTE RAMOS

BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5H-09

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W

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PO BOX 3707 MS 5H-09

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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.

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.

This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

A differential pressure indicator to indicate differential pressure across the scrubber shall be installed and maintained. Within 90 days after beginning operations, the acceptable range shall be clearly marked on or nearby the gage.

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

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. 13117

Notice of Construction No. 6113

Date JUL 14 1995

the Hoffman Cyclone/Baghouse rated at 2,250 cfm (MSS 62440) used to collect richlight dust as generated from ten conventional machine tool cutting operations located in Building 17-65, F.1/3.1 outside.

JENNETTE RAMOS

BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5H-09

SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W
N PO BOX 3707 MS 5H-09

E
R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A gage to indicate the static pressure differential across the bags shall be installed and maintained for the baghouse. Within 90 days after beginning equipment operations, the acceptable range shall be clearly marked on or nearby the gage.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Notice of
Construction No. 6115

Registration No. 13117

Date JUN 29 1999

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

One Torit Baghouse rated at 7,000 cfm (MSS 64989) located in Building 17-10.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

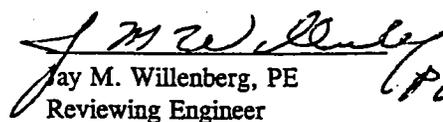
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

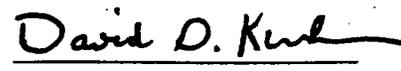
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. A gauge to indicate the static pressure differential across the bags shall be installed and maintained for the baghouse. Within 90 days after beginning equipment operations, the acceptable range shall be clearly marked on or nearby the gauge.
4. This Order of Approval No. 6115, issued to amend description and location, hereby supersedes and cancels Order of Approval No. 6115 dated Jul 14, 1995.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg, PE
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Notice of Construction No. 6526

Date JUL 24 1996

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

One VIRON International Corporation, Model #VYS120120, vertical Scrubber rated at 40,440 cfm, for eliminating acid fumes from the air pulled through the exhaust duct from the No. 12 Deox Tank from an aluminum anodizing tankline, located in the Northwest corner of the 17-06 Building.

JENETTE RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A differential pressure indicator to measure the differential pressure across the scrubber packing shall be installed and maintained. Within 90 days after beginning operations, the acceptable range shall be clearly marked on or nearby the differential pressure indicator.

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

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. 13117

Notice of
Construction No. 6719

Date MAR 7 1997

One replacement Dust-Hog Model FJH-24-3 Cartridge Type Dust Collector rated at 8,000 cfm for controlling and collecting used shot and metal chips from the Wheelabrator Shop Peening Operations located in Building 17-07.

JENETTE RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5H-09

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5H-09

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector exhaust filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gaugs.
5. Opacity from the dust collector shall not exceed 5 percent. The reference test method for measuring opacity is EPA Method 9.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David P. Kruh

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. 13117

Notice of
Construction No. 6742

Date MAR 4 1997

Penetrant Application System with a Mist Eliminator rated at 6,335 cfm located in Building 17-06 used to spray dye penetrant fluid on airplane parts.

JENETTE RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5H-09

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5H-09

E SEATTLE

R WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

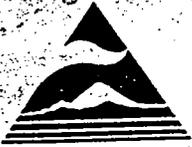
MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuhn

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 6760

Registration No. 13117

Date JUL 23 1999

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

Three Tanklines, one with forty-two 10-gallon tanks, one with twenty-two 80-gallon tanks, and one with eighteen 600-gallon tanks, connected to an L W LeFort: L-V-8-10L FRP vertical packed counter current Scrubber with packing and demister (exhausted at 21,200 cfm) to support Research and Development's testing of various materials and plating processes, including chromic acid anodizing and titanium etching in the Operations Technology Laboratory Tankline Facility in Building 17-08/G6.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC r%-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. Boeing shall not operate more than 6 ventilated tanks at any one time on each of the tank lines.
4. A gauge to indicate the static pressure differential across the scrubber will be installed and maintained. Within 90 days after beginning equipment operations, the acceptable ranges for the gauge shall be clearly marked on or nearby the gauge.
5. This Order of Approval No. 6760, issued to clarify that the tankline described above is used for Research and Development and is therefore exempt from the requirements of 40 CFR Part 63, Subpart N, National Emission Standards (NESHAPS) for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks and also from PSAPCA Regulation III Section 3.01, Hard and Decorative Chromium Electroplating and Chromium Anodizing; and to delete ampere-hour accumulator and performance test requirements, hereby supersedes and cancels Order of Approval No. 6549 dated Aug 22, 1996 and Orders of Approval No. 6760 dated Feb 12, 1997 and Apr 10, 1997.

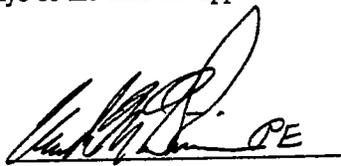
APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

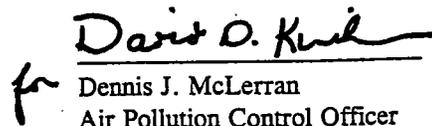


Abigail Lee
Reviewing Engineer

mej



Jay M. Willenberg, PE
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. 13117

Notice of
Construction No. 6777

Date JAN 28 1998

One Torit DFT 3-24 Cartridge Type Dust Collector rated at 11,000 cfm for controlling and collecting used shot and metal chips from the Shot Peening Operations located in Bldg. 17-06.

JENETTE RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5H-09

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5H-09

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

- 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. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector exhaust filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
5. Opacity from the dust collector shall not exceed 5 percent. The reference test method for measuring opacity is EPA Method 9.
6. This Order of Approval No. 6777, issued to remove Wheelabrator as the manufacturer of the shot peener, hereby supersedes and cancels Order of Approval No. 6777 dated Mar 7, 1997.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13117

Notice of Construction No. 6975

Date JUL 9 1997

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

Modify one PS 16 Style B Wet Dust Collector rated at 7,800 cfm to vent outside, located inside the 17-06 Building.

JENETTE E RAMOS

A BOEING COMMERCIAL AIRPLANE (AUBURN)

P PO BOX 3707 MS 5H-09

L SEATTLE

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O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5H-09

N SEATTLE

E WA 98124-2207

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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.

Abigail C Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

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. 13117

Notice of Construction No. 6995

DATE AUG 14 1997

One Day-Donaldson Model RF128 Baghouse rated at 10,900 cfm to collect aluminum dust, located in Building 17-13.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A gauge to measure the pressure drop across the filters will be installed and maintained on the dust collector. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each week, Boeing shall determine if the pressure drop across the exhaust filters was in the acceptable range. If the pressure drop was not in the acceptable range, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.

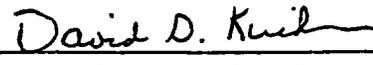


ABIGAIL C. LEE
Reviewing Engineer

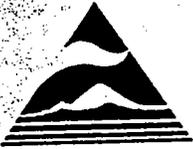
MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 7045
Registration No. 13117
Date **DEC 18 1998**

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

Replace existing Scrubber #4 with a Viron VVS-120120 Vertical Wet Scrubber rated at 51,000 cfm for controlling alkaline mist vapors from alkaline process tanks, located within the 17-07 Building.

APPLICANT

David Hoffman, Environmental Affairs
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. A gauge to indicate the static pressure differential across the scrubber will be installed and maintained. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. This Order of Approval No. 7045, issued to amend description to better reflect future functions of the scrubber, hereby supersedes and cancels Order of Approval No. 7045 dated Nov 25, 1997.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer
mej

Jay M. Willenberg, PE
Reviewing Engineer

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. 13117

Notice of Construction No. 7177

Date OCT 28 1997

Two replacement Dust Collector Systems, a Combination Torit Cyclone Separator and Baghouse with pulsing auto/reverse air, rated to 8,000 cfm each, to collect aluminum chips, shavings and dust from skin mill operations in the 17-06 Building.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing shall install and maintain gauges to measure the pressure drop across the baghouse filters. Within 90 days after beginning operations, the acceptable ranges for the gauges shall be clearly marked on or nearby the gauges.
4. Once each month that the dust collectors are used, Boeing shall determine and record if the pressure drop across the unit is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. This Order of Approval covers the deactivation and replacement of two existing combination cyclone separators and baghouses that were approved as part of a group of seven dust collection systems in Order of Approval No. 2003 dated Oct 23, 1979.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David P. Kurl

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. 13117

Notice of Construction No. 7183

Date SEP 25 1997

One Dustvent Dust Collector to control particulate emissions including aluminum dust, abrasive media dust, and fibrous strands from Scotch-brite pads from an aluminum deburring process using carbide cutters, sanding discs and Scotch-brite pads in the 17-07 Building.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5H-09
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)
W
N PO BOX 3707 MS 5H-09
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing shall install and maintain a gauge to measure the pressure drop across the baghouse filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month that the dust collector is used, Boeing shall determine and record if the pressure drop across the unit is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

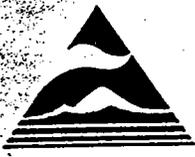
MEJ

J. M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David O. Kurl

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 7263
Registration No. 13117
Date DEC 22 1998

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

Replace existing Scrubber #3 with a Viron VVS-96120 Vertical Wet Scrubber rated at 41,000 cfm for controlling acid mist vapors from acid process tanks, located within the 17-07 Building.

APPLICANT

David Hoffman, Environmental Affairs
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC Rr-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. A gauge to indicate the static pressure differential across the scrubber will be installed and maintained. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. This Order of Approval No. 7263, issued to amend description to better reflect future functions of the scrubber, hereby supersedes and cancels Order of Approval No. 7263 dated Nov 25, 1997.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail C. Lee
Abigail Lee
Reviewing Engineer
mej

Jay M. Willenberg
Jay M. Willenberg, PE
Reviewing Engineer

David O. Kerr
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. 13117

Notice of
Construction No. 7264

Date NOV 25 1997

One Viron WS-7284-FRP-22 Alkaline Wet Scrubber rated at 22,000 cfm for controlling alkaline sources from existing process tanks (including alkaline cleaning, emulsion cleaning, and scale conditioning) within the 17-68 Building.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5R-14
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5R-14
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. A gauge to indicate the static pressure differential across the scrubber will be installed and maintained. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.

A. Gail C. Lee

AIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David O. Kniehr

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. 13117

Notice of
Construction No. 7271

Date MAY 29 1998

De-rate one Riley/Union Iron Works MH-120E gas-fired Boiler (#4) from 196 MMBtu/hr to 95 MMBtu/hr, equipped with low NOx burners, located in Bldg 17-09.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5R-14

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5R-14

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing Auburn shall not allow the Riley Boiler to emit any air contaminant that causes greater than 5% opacity as determined by EPA Method 9.
4. Boeing Auburn shall limit the fuel for the Riley/Union Iron Works MH-120E gas-fired boiler (#4) to natural gas only.
5. Boeing Auburn shall comply with applicable requirements of the New Source Performance Standard (NSPS) requirements of 40 CFR Part 60, Subpart A "General Provisions" and Subpart Dc "Standards of Performance for Small Industrial-Commercial Units" and shall submit, in duplicate, a notification to the U.S. Environmental Protection Agency (EPA) Region 10, Director, Office of Air Quality, 1200 Sixth Ave, Seattle, WA 98101, and to PSAPCA. Notification shall include the date construction commenced, the date of initial startup, the design heat input capacity and identification of the fuels being combusted per Sections 60.48c and 60.7
6. Boeing Auburn shall record and maintain records of the amount of fuel combusted during each month, in lieu of the "daily" recordkeeping requirement of 40 CFR 60.48c(g). Documentation may be in the form of fuel bills or meter readings, or other records that adequately document fuel usage.
7. This Order of Approval No. 7271, issued to de-rate the boiler to 95 MMBtu/hr, hereby supersedes and cancels Order of Approval No. 4899 dated May 15, 1995.

Gail C. Lee

GAIL C. LEE
Reviewing Engineer

MEJ

J M Wilenberg PE

JAY M. WILLENBERG
Reviewing Engineer

David A. K...

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. 13117

Notice of
Construction No. 7279

Date FEB 24 1998

Replacement of two existing spray booths with two Bleeker Bros. Dry Filter Spray Coating Booths: one rated at 45,000 cfm (2 stacks at 22,500 cfm each) and one rated at 25,000 cfm, both equipped with 3-stage NESHAP compliant filters, both located in the 17-07 Building, used for primer and topcoat application on aerospace parts and components.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)
PO BOX 3707 MS 5R-14
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)
W PO BOX 3707 MS 5R-14
N PO BOX 3707 MS 5R-14
E SEATTLE WA 98124-2207
R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing (Auburn) shall install and maintain gauges to measure the pressure drop across the 3-stage dry filter system of each spray booth. Within 90 days after beginning operations, the acceptable ranges for the gauges shall be clearly marked on or nearby the gauges.
4. No later than September 1, 1998, once during each shift that the spray booths are used, Boeing (Auburn) shall determine and record if the pressure drop across the 3-stage dry filter system is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing (Auburn) shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. Boeing (Auburn) shall comply with the Aerospace National Emission Standards for Hazardous Pollutants (NESHAP), 40 CFR 63 Subpart GG and the General Provisions of the NESHAP, 40 CFR Part 63 Subpart A by September 1, 1998.
7. The sum of the actual volatile organic compound (VOC) emissions from paint usage in the two booths combined shall not exceed 30 tons during any 12 consecutive months after the date of this Order. Boeing (Auburn) shall notify PSAPCA, in writing, within 30 days after the end of each 12-month period if, during that period, emissions of VOC exceed 27 tons. Boeing (Auburn) shall calculate VOC emissions monthly and retain a record of the calculations for a period of five years. The calculations shall be made available to PSAPCA upon request.
8. This Order of Approval hereby supersedes and cancels Order of Approval No. 2097 dated Jun 17, 1980.

ABIGAIL C. LEE
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. 13117

Notice of
Construction No. 7302

Date MAR 31 1998

Four Haden designed Spray Booths equipped with Aerospace NESHAP compliant filter system plus HEPA, each rated at 38,000 cfm, used for painting and preparation of aerospace parts in the Finish Zone of Building 17-45.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5R-14

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (AUBURN)

W PO BOX 3707 MS 5R-14

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

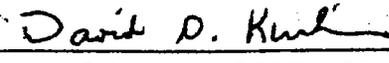
BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing shall install and maintain instrumentation to measure the pressure drop across the three-stage dry filter system of each spray booth. Within 90 days after beginning operations, the acceptable ranges for the pressure drop shall be clearly marked on or nearby the instrumentation.
4. On and after September 1, 1998, or upon start-up, whichever is later, once each shift that the spray booths are used, Boeing shall record the pressure drop during operation across the three-stage dry filter systems of each of the booths used during that shift.
5. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. Boeing shall install and maintain HEPA filters downstream of the three-stage aerospace NESHAP filters on each spray booth.


ABIGAIL C. LEE
Reviewing Engineer


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

MEJ

Puget Sound Air Pollution Control Agency

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

Registration No. 13117

Notice of
Construction No. 7332

Date APR 14 1998

One Viron Wet Scrubber rated at 41,000 cfm to replace an existing Fume Scrubber used for controlling emissions from 7 process tanks (one alkaline etch, one deoxidation, one aqueous degreasing, one boric/sulfuric acid anodizing, one alodine, one dilute chromate seal and one rinse) located in the 17-07 Building.

JENETTE E RAMOS

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5R-14

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (AUBURN)

PO BOX 3707 MS 5R-14

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (AUBURN), 700 15TH ST SW, AUBURN, WA, 98002

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. Boeing shall install and maintain a pressure differential gauge across the scrubber packing and a pH monitoring system on the Viron wet scrubber. Within 90 days after the approval date of this Order of Approval, the acceptable range shall be marked on or nearby the pressure differential gauge, and the pH monitoring system will be operational and will indicate if the scrubber is operating outside of the acceptable pH range.
4. This Order of Approval No. 7332, issued to replace an existing scrubber, hereby supersedes and cancels Order of Approval No. 2124 dated Jul 2, 1980.

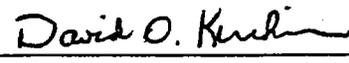


BIGAIL C. LEE
Reviewing Engineer

MEJ



for JAY M. WILLENBERG P.E.
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. 7373
Registration No. 13117
Date **JUN 23 1999**

One Torit DF3DF6 Dust Collector rated at 3,300 cfm to control emissions from a composite cutting operation near Column C-1 in Building 17-05.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

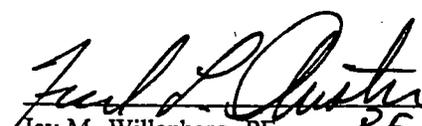
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

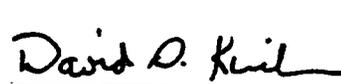
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the operation and maintenance plan.
5. This Order of Approval No. 7373, issued to amend conditions to be more consistent with those used in recent NOCs, hereby supersedes and cancels Order of Approval No. 7373 dated May 15, 1998.

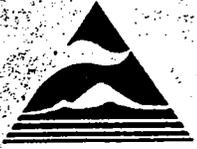
APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej

for 
Jay M. Willenberg, PE
Reviewing Engineer


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. 7591
Registration No. 13117
Date NOV 24 1998

One Torit TD 573 Dust Collector rated at 1,200 cfm located in the MR&D Laboratory in the 17-66 Building, used to collect graphite, metal, composite and wood dust from small band saws, drills, routers, sanders, and similar equipment.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

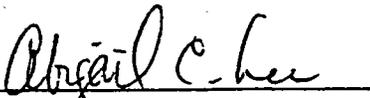
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after submitting the Notice of Completion, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the Operation and Maintenance Plan.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
Reviewing Engineer



for Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 7613
Registration No. 13117
Date **NOV 30 1998**

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

One Torit 2DF4 Dust Collector rated at 2,000 cfm located near Column B-11 of the 17-07 Building, to collect emissions from a powder developer application process.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

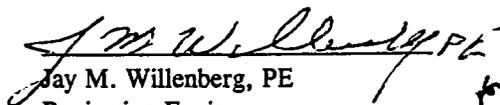
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after submitting the Notice of Completion, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the operation and maintenance plan.

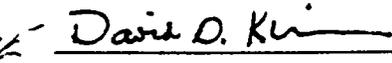
APPEAL RIGHTS

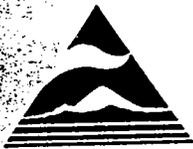
Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.


Abigail Lee

Reviewing Engineer
mej


Jay M. Willenberg, PE
Reviewing Engineer


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. 7635

Registration No. 13117

Date NOV 30 1998

One Torit DFT3-24 Dust Collector rated at 7,500 cfm to control emissions from Shot Peening aluminum and steel aerospace parts manufactured in the 17-07 Building.

APPLICANT

Edward Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

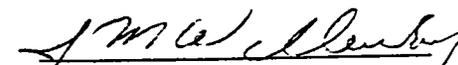
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after submitting the Notice of Completion, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the operation and maintenance plan.

APPEAL RIGHTS

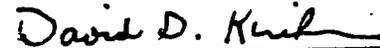
Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
Reviewing Engineer



for
Dennis J. McLerran
PE 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. 7639

Registration No. 13117

Date DEC 15 1998

One Dry Lubricant Spray Coating Booth rated at 14,445 cfm located in Building 17-68.

APPLICANT

Jenette E Ramos
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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. Boeing shall install and maintain a gauge to measure the pressure drop across the spray booth filters. Within 90 days after submitting the Notice of Completion, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the operation and maintenance plan.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer

mej

Jay M. Willenberg, PE
Reviewing Engineer

David O. Kuhl
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. 7689

Registration No. 13117

Date APR 9 1999

One Bleeker Brothers Dry Filter Spray Coating Booth with three-stage Aerospace NESHAP-compliant filters located in Building 17-45.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

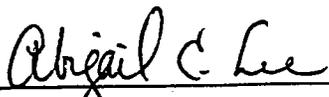
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

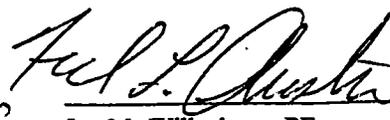
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

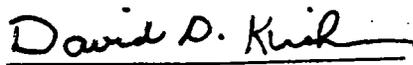
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the spray booth exhaust filter systems. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Boeing shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying primers or topcoats as defined in 40 CFR 63.742, unless the primers or topcoats have inorganic HAP concentrations of less than 0.1 percent for carcinogens and 1.0 percent for non-carcinogens. If the recorded pressure drop is not within the acceptable range, Boeing shall take applicable corrective action as specified in 40 CFR 63.745(g)(3).
5. This Order of Approval No. 7689, issued to amend Condition No. 4, hereby supersedes and cancels Order of Approval No. 7689 dated Mar 5, 1999.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer


for Jay M. Willenberg, PE
Reviewing Engineer


for Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency



Notice of
Construction No. 7879

Registration No. 13117

Date JUL 28 1999

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

One Universal Model DC-500 Baghouse rated at 1,585 cfm located near Column D-15 of Building 17-56.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane Group
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the operation and maintenance plan.

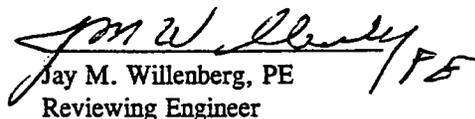
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

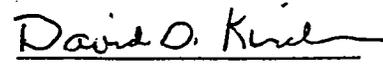


Abigail Lee
Reviewing Engineer

mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 7941

Registration No. 13117

Date NOV 2 1999

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

One Dry Filter Spray Coating Booth rated at 24,000 cfm with three-stage Aerospace NESHAP-compliant filters and HEPA filtration located near Column B-1 in the Mezzanine of Building 17-45.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the spray booth exhaust filter systems. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Boeing shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying primers or topcoats as defined in 40 CFR 63.742, unless the primers or topcoats have inorganic HAP concentrations of less than 0.1 percent for carcinogens and 1.0 percent for non-carcinogens. If the recorded pressure drop is not within the acceptable range, Boeing shall take applicable corrective action as specified in 40 CFR 63.745(g)(3).

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer

mej

Jay M. Willenberg, PE
Reviewing Engineer

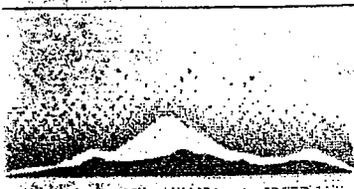
Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 7948

Registration No. 13117

Date OCT 27 1999


Clean Air Agency

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

One Torit/Donaldson Model 72/124RFW8 Baghouse rated at 8,000 cfm at the 17-06 Building.

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the Operation and Maintenance Plan.
5. Boeing shall follow the manufacturer's recommended Operation and Maintenance Plan to ensure that the guaranteed maximum emission rate of 0.005 grains/dscf is achieved.
6. Once each month, Boeing shall check to ensure that no visible emissions are present from the dust collector discharge stack.

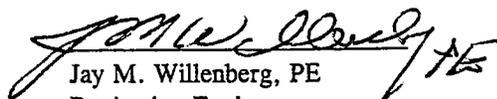
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

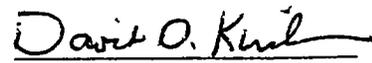


Abigail Lee
Reviewing Engineer

mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 7950

Registration No. 13117

Date OCT 27 1999

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

One Torit/Donaldson Model 72/124RFW8 Baghouse rated at 8,000 cfm at the 17-06 Building.

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the Operation and Maintenance Plan.
5. Boeing shall follow the manufacturer's recommended Operation and Maintenance Plan to ensure that the guaranteed maximum emission rate of 0.005 grains/dscf is achieved.
6. Once each month, Boeing shall check to ensure that no visible emissions are present from the dust collector discharge stack.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

Abigail C. Lee

Abigail Lee
Reviewing Engineer

mej

Jay M. Willenberg

Jay M. Willenberg, PE
Reviewing Engineer

Dennis J. McLerran

Dennis J. McLerran
Air Pollution Control Officer

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

Two Dry Filter Spray Coating Booths, five Water Wash Spray Coating Booths, one Aluminum Tankline and Hand-dip Tankline (the A/A Tankline) with four Scrubbers, one Chemical Milling Tankline with two Scrubbers, one Organic Strip Line with two Scrubbers, and one Dye Penetrant Process with Baghouse located in Building 17-45.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain gauges to measure the pressure drop across the filter media of each scrubber controlling the "AA-tankline" and the "chemical milling tankline" in the 17-45 building. Within 90 days after the completion of the tankline modification project, the acceptable range for the pressure drop on each scrubber controlling the "AA-tankline" and the "chemical milling tankline" shall be clearly identified on or near the gauge or in the records of the pressure drop.
4. Once each week Boeing shall record the pressure drop across each scrubber controlling the "AA-tankline" and the "chemical milling tankline." If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operations and Maintenance Plan.
5. Boeing shall install and maintain gauges to measure the pH of the scrubbing liquor on each of the scrubbers controlling the chemical milling tankline. Within 90 days after the completion of the tankline modification project, the acceptable range for the pH for each scrubber controlling the chemical milling tankline shall be clearly identified on or near the gauge or in the records of the pH.
6. Once each week Boeing shall record the pH of the scrubbing liquor in each of the scrubbers controlling the chemical milling tankline. If the pH is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operations and Maintenance Plan.
7. By January 1, 2001, Boeing shall install and maintain gauges to measure either the water flow rate or the water pressure at the water headers on each of the scrubbers controlling the chemical milling tankline. The acceptable range for this gauge shall be clearly marked on or near the gauge or in the records of the water flow rate or water pressure.

Puget Sound Clean Air Agency

Notice of
Construction No. **8082**

Registration No. **13117**

Date **JUN 07 2000**

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

Clean Air Agency

One Pangborn Model PC3-6 Baghouse rated at 2,435 cfm located in the 17-54 Building.

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

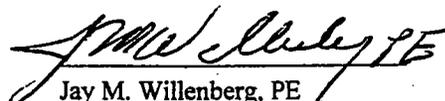
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the dust collector filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month, Boeing shall record the pressure drop across the dust collector filters. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the Operation and Maintenance Plan.
5. Once each month, Boeing shall check for visible emissions and fallout while the emission generating equipment is operating. If visible emissions or fallout are observed, Boeing shall take corrective action as specified in the Operation and Maintenance Plan.

APPEAL RIGHTS

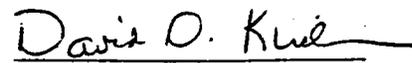
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer
mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency



Clean Air Agency

Notice of
Construction No. **8187**
Registration No. **13117**
Date **SEP 7 2000**

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

Two JBI Inc Downdraft Cartridge Dust Collectors with a combined common exhaust rated at 60,000 cfm that vent back into the building, located outside of the 17-10 Building.

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

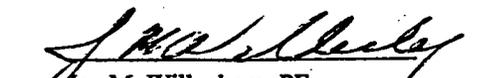
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

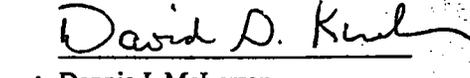
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg, PE
Reviewing Engineer


David D. Kuhl
Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. **8189**

Registration No. **13117**

Date **SEP 7 2000**

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

One Starnvent #19-13755 Baghouse rated at 9,050 cfm, which vents back into the building, located on the south side exterior of the 17-56 Building.

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

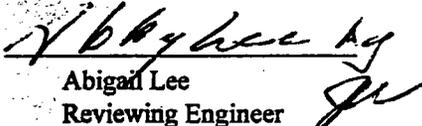
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

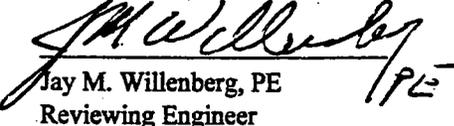
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

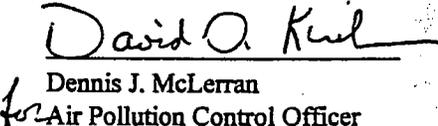
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg, PE
Reviewing Engineer


Dennis J. McLerran
for Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. 8302

Registration No. 13117

Date APR 20 2001

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

One American Air AAF-AR55 Dust Collector, which vents back into the building, located on the east side exterior of the 17-54 Building (MSS No. 58144).

APPLICANT

Edward J. Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

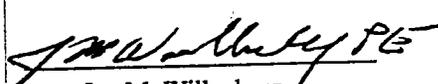
Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

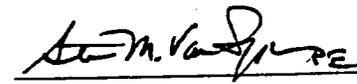
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

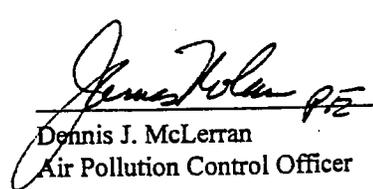
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall inspect the baghouse and ductwork at least quarterly for the following:
 - (a) Visible emissions to the ambient air while the emission generating equipment is operating, and
 - (b) Evidence of fugitive dust or fallout.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Steven Van Slyke
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency

Notice of
Construction No. **8506**
Registration No. **13117**
Date **MAY 30 2001**



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

Three Dry Filter Spray Coating Booths rated at 16,000 cfm (MSS# 59822, MSS# 56105, and the Manual Booth 10695) equipped with three-stage aerospace NESHAP compliant filters and HEPA filtration, located in Building 17-45.

APPLICANT

Edward J Cierebiej
Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane (Auburn)
PO Box 3707 MC 5R-14
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Auburn), 700 15th St SW, Auburn, WA, 98002

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 Clean Air 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 the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Auburn) shall install and maintain gauges to measure the pressure drop across the filters of the manual spray booth 10695, spray booth 59822, and spray booth 56105 in Building 17-45.
4. Within 90 days after beginning operations, Boeing (Auburn) shall incorporate the normal operating pressure drop into its Operation and Maintenance (O&M) Plan or pressure drop logsheet and clearly mark that range on or near the pressure drop gauge.
5. For manual spray booth 10695, spray booth 59822, and spray booth 56105, check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum. This inspection shall be conducted at least monthly or at time of use if booth is used less frequently than once per month. If filter coverage is acceptable for 12 consecutive months, the inspection frequency may be reduced to quarterly. If coverage is unacceptable during quarterly inspections, monthly inspections shall be reinstated.
6. If improperly seated filters, incomplete coverage over the exhaust plenum, or abnormal pressure drop are observed, Boeing (Auburn) shall take corrective action prior to resuming any spray coating activity.
7. Records of all inspections and corrective actions shall be maintained for at least five years and made available to Puget Sound Clean Air Agency personnel upon request.
8. Boeing (Auburn) shall comply with the Aerospace National Emission Standards for Hazardous Pollutants (NESHAP), 40 CFR 63 Subpart GG and the General Provisions of the NESHAP, 40 CFR Part 63 Subpart A with respect to operations in the spray coating booths.

1 WASHINGTON DEPARTMENT OF ECOLOGY
2 3190 - 160TH AVE. S.E.
3 BELLEVUE, WASHINGTON 98008-5452

4 IN THE MATTER OF:]
5]
6 BOEING COMMERCIAL AIRPLANES] NO. PSD-88-5 AMENDMENT 2
7 700 - 15TH S.W.] FINAL APPROVAL OF
8 AUBURN, WASHINGTON 98002] PSD APPLICATION

9 Pursuant to Environmental Protection Agency (EPA) regulations for the Prevention of
10 Significant Deterioration (PSD) set forth in Title 40 Code of Federal Regulations Part 52
11 and based upon the complete application submitted by Boeing Commercial Airplanes
12 from September 1988 to January 25, 1989, the complete application for modifications
13 submitted on January 15, 1996, the complete application for modifications submitted on
14 January 5, 1999, and the technical analysis performed by the Department of Ecology
15 (Ecology), dated January 15, 1999 Ecology now finds the following:

16 FINDINGS

- 17 1. Boeing Commercial Airplanes proposed in 1988 to build a new Sheet Metal
18 Center at the Auburn facility located at 700 - 15th S.W., Auburn, Washington,
19 98002 for the manufacture of small parts for use in commercial aircraft. The final
20 approval of PSD 88-5 was signed on April 5, 1989. The approval was amended
21 administratively in January 1996 because a number of the permitted operations
22 had been discontinued or were to be modified to allow implementation of
23 improved production and emission control methods. Boeing applied to have the
24 approval further administratively amended in January 1999 to accomodated a
25 change in designation of the facility from the "Sheet Metal Center" to "Building
26 17-45", and to more accurately reflect actual operations at that facility.
27 Amendment 2 was made administratively because the changes involved no
28 increase in allowable or actual emissions or relaxation in stringency of monitoring
29 conditions.
- 30 2. The Auburn facility qualified as a major source because it emits more than 250
31 tons per year of volatile organic compounds (VOC). The new Building 17-45
32 (originally designated as the "Sheet Metal Center") qualified as a major

- 33 modification to the Auburn facility because it had the potential to increase VOC
34 emissions by more than 40 tons per year. It is located in an area which has been
35 designated Class II for the purposes of PSD evaluation under CFR 52.21.
- 36 3. Best available control technology (BACT) for the masking, cleaning, anodizing
37 and painting of small parts in the sheet metal center has been determined to be use
38 of:
- 39 a) Water-based chemicals to minimize emissions from the maskant dip tank;
- 40 a) High transfer efficiency (HTE) painting equipment and methods, such as:
41 high volume low pressure (HVLV) spray guns or electrostatic paint
42 application, in two spray booths, accounting for at least 50 percent of the
43 total annual paint used at Building 17-45; and
- 44 c) The containment of solvent-laden wiping rags.
- 45 4. All operations in Building 17-45 will comply with Regulation II of the Puget
46 sound Air Pollution Control Agency.
- 47 5. The proposed site is within an area which is in attainment as regards to the state
48 and national ambient air quality standards for ozone.
- 49 6. The facility as originally approved has the potential to generate up to an additional
50 278 tons of VOC per year. Emissions will not be increased from the originally
51 permitted levels as a result of this amendment to the PSD approval.
- 52 7. The emission of VOC is subject to PSD review.
- 53 8. The project will have no significant adverse impact on ambient air quality.
- 54 9. The project is anticipated to have no noticeable effect on industrial, commercial,
55 or residential growth in the Auburn area.
- 56 10. Visibility will not be impaired in any Class I Area due to the proposed emissions.

57 11. Ambient pollutant concentrations in any Class I area are not predicted to change
58 because of the project.

59 12. Ecology finds that all requirements for PSD have been satisfied. Approval of the
60 PSD application is granted subject to the following conditions:

61 APPROVAL CONDITIONS

62 1. Emissions of VOC from Building 17-45 shall not exceed 278 tons per year.

63 2. Boeing Commercial Airplanes shall, upon request, report the quantities and VOC
64 content of each maskant, paint and cleaning solution to the Puget Sound Air
65 Pollution Control Agency.

66 3. Only water-based chemicals shall be used in the maskant dip tank.

67 4. At least 50 percent of the paint used at Building 17-45 shall be applied in a spray
68 booth by use of high transfer efficiency (HTE) painting equipment and methods,
69 such as: high volume low pressure (HVLP) spray guns or electrostatic paint
70 application .

71 5. Solvent-laden wiping rags will be deposited in covered containers.

72 6. All operations in Building 17-45 shall comply with Regulation II of the Puget
73 Sound Air Pollution Control Agency.

74 7. This approval shall become void if construction of Building 17-45 is not
75 commenced within eighteen (18) months after receipt of final approval, or if
76 construction of the Sheet Metal Facility is discontinued for a period of eighteen
77 (18) months.

78 8. Any activity which is undertaken by Boeing Commercial Airplanes or others, in a
79 manner which is inconsistent with the application and this determination, shall be
80 subject to Ecology enforcement under applicable regulations. Nothing in this

81 determination shall be construed to relieve Boeing Commercial Airplanes of any
82 its obligation under any state, local, or federal laws or regulations.

83 9. Boeing Commercial Airplanes shall notify Ecology and Puget Sound Air
84 Pollution Control Agency in writing within 30 days of the beginning of parts
85 manufacturing in the Sheet Metal Center.

86 10. Access to Building 17-45 by the Environmental Protection Agency (EPA), state or
87 local regulatory personnel shall be permitted upon request for the purpose of
88 compliance assurance inspections. Failure to allow such access is grounds for
89 revocation of this determination of approval.

90 Reviewed by:

91 _____
92 Alan T. Butler, P.E. _____ Date
93 Air Quality Program
94 Washington Department of Ecology

95
96 Approved by:

97 _____
98 Mary E. Burg _____ Date
99 Manager, Air Quality Program
100 Washington Department of Ecology