

MOLINS

Machine Company Inc

Richmond Division

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P. O. Box 16008
Richmond, Virginia 23222

Telephone: 804-329-9081
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Cables: Molinismo, Richmond, Va.

RECEIVED
OUR REFERENCE
YOUR REFERENCE
1981 JAN 14 4 15
SERVICES

January 13, 1981

License Management Branch
Division of Fuel Cycle and Material
Safety
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sirs:

RE: Byproduct Material License No. 45-02429-02G

Please find enclosed information sheets covering distribution of and transfer of radioactive sources used in Molins MODIC cigarette density gauges during the fourth quarter of 1980.

MODIC gauges serial numbers 8216, 8249, 8330, 8334, 8341, 8385, 8388, and 8389 were installed at Philip Morris, Inc., Manufacturing Center, 3600 Commerce Road, Richmond, Virginia. Mr. W. L. Jones, Quality Control Department, is responsible for these gauges.

All required leak tests of radioactive sources and radiation surveys have been performed on these gauges. Leak test and survey results are on file.

Yours truly,

MOLINS MACHINE COMPANY, INC.

E. Harrison, Jr.

E. Harrison, Jr.

Enclosure: Information Sheets
cc: Mr. D. E. H. North

U.S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, D.C. 20555

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RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8216	MODIC	49327	Molins Ltd, London England	11-13-79	45-02429-02G

SOURCES DESPATCHED TO:- Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH 12-16-80
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SOURCE AND INITIAL WIPE TEST DETAILS 11-15-79 Z.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005uCi
Scanning Head	Sr90	Beta	SIFQ2874	25	30229	} 22	} 23	} <.005uCi
Balance Unit	Sr90	Beta	SIFV184	1	40600			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
	1-9-81 Z.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge, for Molins Machine Co. Inc. E. Harrison Jr DATE 1-9-81

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8249	MODIC	49347	Molins Ltd, London, England	1-17-80	15-02429-026

SOURCES DESPATCHED TO:- Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH 11-19-80
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SOURCE AND INITIAL WIPE TEST DETAILS 1-17-80 S.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005uCi
Scanning Head	Sr90	Beta	SIFQ2874	25	30230	} 20	} 20	} <0.005uCi
Balance Unit	Sr90	Beta	SIFV184	1	40637	}	}	}

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
11-25-80	S.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge,
for Molins Machine Co, Inc. J. Harrison DATE 11-25-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8330	MODIC	49757	Molins Ltd, London England	3-5-80	15-02429-02G

SOURCES DESPATCHED TO:-	DATE OF DESPATCH
Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	12-8-80

SOURCE AND INITIAL WIPE TEST DETAILS 3-6-80 J.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005µC
Scanning Head	Sr90	Beta	SIFQ2874	25	30243	} 21	} 21	} < 0.005µC
Balance Unit	Sr90	Beta	SIFV184	1	40799	}	}	}

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
12-15-80	J.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge, for Molins Machine Co. Inc. J. H. Heman DATE 12-15-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8334	MODIC	44733	Molins Ltd, London England	3-25-80	15-02429-02G

SOURCES DESPATCHED TO:- Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH 11-25-80
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SOURCE AND INITIAL WIPE TEST DETAILS 3-25-80 E.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005µC
Scanning Head	Sr90	Beta	SIFQ2874	25	30247	30	19	<.005µC
Balance Unit	Sr90	Beta	SIFV184	1	40808			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
12-4-80	E.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge, for Molins Machine Co. Inc. E. Harrison D. DATE 12-4-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8341	MODIC	49750	Molins Ltd. London England	4-15-80	15-02429-026

SOURCES DESPATCHED TO:- Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH 11-4-80
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SOURCE AND INITIAL WIPE TEST DETAILS 4-16-80 E.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005µC
Scanning Head	Sr90	Beta	SIFQ2874	25	30249	19	20	} < 0.005 µC
Balance Unit	Sr90	Beta	SIFV184	1	40865			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
11-5-80	E.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge, for Molins Machine Co, Inc. E. Harrison, Jr. DATE 11-5-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTRCL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8385	MODIC	50055	Molins Ltd. London England	5-21-80	15-02429-02G

SOURCES DESPATCHED TO:-	DATE OF DESPATCH
Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	10-10-80

SOURCE AND INITIAL WIPE TEST DETAILS 5-22-80 E.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005µC
Scanning Head	Sr90	Beta	SIFQ2874	25	30253	} 23	} 25	} < 0.005µC
Balance Unit	Sr90	Beta	SIFV184	1	40876			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
10-13-80	E.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge,
for Molins Machine Co. Inc. E. Harrison D. DATE 10-13-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8388	MODIC	58079	Molins Ltd. London England	8-16-80	15-02429-02G

SOURCES DESPATCHED TO:- Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH 10-8-80
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SOURCE AND INITIAL WIPE TEST DETAILS 8-16-80 E.H.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005uCi
Scanning Head	Sr90	Beta	SIFQ2874	25	30256	23	18	<1005uCi
Balance Unit	Sr90	Beta	SIFV184	1	40884			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
10-14-80	E.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge,

for Molins Machine Co, Inc. E. Herman DATE 10-14-80

POOR ORIGINAL

RADIO-ACTIVE SEALED SOURCE DISPOSITION AS REQUIRED BY 10-CFR-30

CONTROL UNIT SERIAL NO.	CONTROL TYPE	UNIT FITTED TO MACHINE NO.	SUPPLIER	DATE OF ARRIVAL	PROCURED UNDER A.E.C. LICENSE
8389	MODIC	50080	Molins Ltd. London England	7-29-80	15-02429-02G

SOURCES DESPATCHED TO:-	Philip Morris, Inc., Manufacturing Center 3601 Commerce Road, Richmond, Virginia	DATE OF DESPATCH	10-10-80
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SOURCE AND INITIAL WIPE TEST DETAILS 7-30-80 EA.

SOURCE LOCATION	MATERIAL	EMISSION	AMERSHAM CODE	STRENGTH mC	SERIAL NO.	BACKGROUND c.p.m.	TEST SWABS c.p.m.	LESS THAN 0.005uCi
Scanning Head	Sr90	Beta	SIFQ2874	25	30255	} 18	} 21	} < 0.005uCi
Balance Unit	Sr90	Beta	SIFV184	1	40882			

RECORD OF TRANSFERENCES

FROM	TO	DATE

INSTALLATION COMPLETED	BY	REPORTED TO A.E.C.
11-5-80	E.H.	January, 1981

REMARKS:-

This is to certify that the above information is correct to the best of our knowledge, for Molins Machine Co., Inc. E. Harrison Jr DATE 11-5-80

POOR ORIGINAL