

T. B. BONNEY

PITTSBURGH OFFICE

DR. V. H. BARBOUR

POINT COMFORT OPERATIONS

February 10, 1971

RE: MODIFIED 3M #8705 RESPIRATORS

I spoke to Bob Barghini today about 3M's proposal to supply Point Comfort with enough modified #8705 respirators to run a two-week feasibility test. He explained that the prototypes that he would supply would merely be the regular #8705's with some type of a waterproof rubber-like foam on the periphery.

The primary purpose of this modification is to determine if the foam can eliminate or, at least, minimize the problem of sweat soaking the respirator and making it useless. The prototype is merely an intermediate step. If in the trial run it proves successful, Barghini will then move to a two-piece system consisting of a "permanent" face piece to which the disposable filter material could be attached.

When Errol Robinson visited me yesterday, he suggested that 3M first send a few of the modified #8705's to Point Comfort. After you people looked them over, you would have a better idea of whether or not the proposed test should even get off the ground.

Both Barghini and I thought this to be a good idea. As a result of Errol's suggestion, Bob will make up a few prototypes and send them to Errol. After you people have had a chance to evaluate them, please let me know so that we can proceed or terminate, as the case may be.

T. B. Bonney

TBB:mh

cc: Mr. E. B. Robinson, Pt. Comfort
Mr. D. W. Ferguson, Pt. Comfort



ARCH 18726

February 2, 1971

Mr. Dell W. Ferguson, Buyer
Pt. Comfort Operation
Aluminum Company of America
Pt. Comfort, Texas 77978

Dear Mr. Ferguson:

Permit me to thank you for your letter of January 21 following up on the possibility of 3M selling to the Pt. Comfort operation our #8705 shells minus the straps and aluminum nose clip.

I enjoyed the meeting with yourself and Mr. Errol Robinson as it more clearly defined in my mind the precise problem with our product that exists at the Pt. Comfort Works. Since our meeting I have had the opportunity to sit down with our laboratory people, and they have accepted the challenge of the idea that you have concerning a frame in which the present shell minus straps and nose clip could be fitted and replaced. It is their feeling that this can be done and work is already begun. Frankly, we feel that we may be in a little better position to move quickly since we do have excellent laboratory facilities and have a great familiarity with the product construction and several other points that need to be considered. We would like to thank you, however, for bringing this thought or idea to our attention.

Under separate cover I am sending to your attention the remainder of our filters that can be used on the #8700 Respirators that are in use at Pt. Comfort.

As the frame idea develops we will certainly be getting back to you through Mr. Bonney in Pittsburgh concerning the possibility of conducting further tests as to what type of approach is the best. We would hopefully have one or two and possibly more ideas or prototypes. Again, thank you very much for the meeting, and you will be hearing from us again as we make progress to make our present #8705 more compatible to the environmental situation at Pt. Comfort.

Very truly yours,

ARCH 18727

J. E. Barnard
Sales Manager, Respirator Products

JEB:hc

cc - T. B. Bonney, Pittsburgh

This Copy for

AUTHORIZATION

No. TA-690494

DR. L. V. CRALLEY -7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TA-415

Dated February 20, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT REFINING
(Works)

An expenditure in the amount of \$ 750,000. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Improvement of Dust Collection Facilities at Feed End and Discharge End of
Alumina Kilns, Building R-50.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE New Facilities and Betterment to Fixed Capital.
Balance to Plant Expense.

E. A. VAUGHN, Controller

Date May 1, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, J. R. Fox, A. B. Kaltwasser, C. W. Barrow, D. C. Mathewson, R. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, F. J. Mabry, E. W. Ostendorf, C. H. Gear, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TR-690924

MCC
LUC
X

DR. L. V. CRALLEY - 7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TR-876

Dated April 24, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT SMELTING
(Works)

An expenditure in the amount of \$33,000. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Air Handling Units for Building 1 Office Air Conditioning System.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE To Fixed Capital.
Retire Old Facilities Scrapped.

E. A. VAUGHN, Controller

Date August 20, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, G. H. Traylor, J. B. Geshay, J. R. Fox, D. C. Mathewson, R. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolcre, H. P. Armintrout, R. C. McCormack, W. B. Harriss, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TR-690892

DR. L. V. CRALLEY - 7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TR-883

Dated July 14, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT SMELTING
(Works)

An expenditure in the amount of \$ 8,700. as covered by REQUEST FOR AUTHORIZATION
of the above number, has been duly approved.

Brief description of the project:

Improve Marinite Workshop - Building 13E.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been
duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure
should be charged as follows:

CHARGE New Facilities and Betterment to Fixed Capital.
Balance, including Relocation Costs, to Plant Expense.
Retire Old Facilities Scrapped.

E. A. VAUGHN, Controller

Date August 14, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close,
J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr.,
R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, G. H. Traylor, J. B. Geshay,
J. R. Fox, D. C. Mathewson, R. W. Andrews, Jr., Dr. L. V. Cralley, J. W. Hood.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, H. P. Armintrout,
R. C. McCormack, W. B. Harriss, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TA-691155

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T.E.S.
LVC X

DR. L. V. CRALLEY - 7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TA-337

Dated July 25, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT REFINING
(Works)

An expenditure in the amount of \$ 73,000. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Provide Improved Cooling in the Refining Powerhouse, Building R-110.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE To Fixed Capital.

E. A. VAUGHN, Controller

Date October 28, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, J. R. Fox, A. B. Kaltwasser, C. W. Barrow, D. C. Mathewson, J. S. Tompkins, R. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, F. J. Mabry, R. C. McCormack, W. B. Harriss, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TA-690514

DR. L. V. CRALLEY - 7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TA-426

Dated April 7, 1969

ALUMINUM COMPANY OF AMERICA

(Name of Company)

POINT COMFORT REFINING

(Works)

An expenditure in the amount of \$ 7,200. as covered by REQUEST FOR AUTHORIZATION
of the above number, has been duly approved.

Brief description of the project:

Construct Lunchroom & Toilet Facilities for Chlor-Alkali Cell Building R-300.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been
duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure
should be charged as follows:

CHARGE To Fixed Capital.

E. A. VAUGHN, Controller

Date May 7, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close,
J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr.,
R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, J. R. Fox, A. B. Kaltwasser,
C. W. Barrow, D. C. Mathewson, Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, F. J. Mabry,
E. W. Ostendorf, C. H. Gear, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TA-691038

DR. L. V. CRALLEY - 7

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TA-441

Dated August 4, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT REFINING
(Works)

An expenditure in the amount of \$21,000. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Additional Ventilation at R-148 Machine Shop.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE To Fixed Capital.

E. A. VAUGHN, Controller

Date September 26, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, J. R. Fox, A. B. Kaltwasser, C. W. Barrow, D. C. Mathewson, R. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, F. J. Mabry, R. C. McCormack, W. B. Harriss, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TA-690177-R

DR. L. V. CRALLEY - 7

REVISED

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TA-407-R

Dated July 17, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT REFINING
(Works)

An expenditure in the amount of \$136,000. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Improved Cooling and Ventilation of Chlor-Alkali Cell Building.

Amount Authorized	2/13/69	\$ 125,000.
Amount Authorized	8/28/69	<u>11,000.</u>
Total Amount Authorized		\$ 136,000.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE New Facilities to Fixed Capital.
Removal and Relocation Costs to Plant Expense.

E. A. VAUGHN, Controller

Date August 28, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, J. R. Fox, A. B. Kaltwasser, C. W. Barrow, D. C. Mathewson, R. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wahlsten, C. A. Belcolore, F. J. Mabry, R. C. McCormack, W. B. Harriss, W. H. Burgess.

This Copy for

AUTHORIZATION

No. TR-691202

hrc
trc
LVC

DR. L. V. CRALLEY - 7

medial vpt
800 on 11/10/69

ALL PURCHASE ORDERS, IN-
VOICES, SHOP ORDERS, AND
PURCHASE REQUISITIONS
MUST CARRY THIS NUMBER.

This AUTHORIZATION confirms REQUEST FOR AUTHORIZATION No. TR-888

Dated October 10, 1969

ALUMINUM COMPANY OF AMERICA
(Name of Company)

POINT COMFORT SMELTING
(Works)

An expenditure in the amount of \$ 16,700. as covered by REQUEST FOR AUTHORIZATION of the above number, has been duly approved.

Brief description of the project:

Crane Cab Air Conditioners.

I hereby certify that REQUEST FOR AUTHORIZATION bearing request number noted above has been duly approved and is on file in the Fixed Capital Division of the Accounting Department. This expenditure should be charged as follows:

CHARGE To Fixed Capital.
Retire Old Equipment Scrapped.

E. A. VAUGHN, Controller

Date November 7, 1969

By P. H. Larson

Copies of this AUTHORIZATION have been issued to Messrs. J. D. Harper, F. J. Close, J. S. Harrison, J. M. Mitchell, T. O. English, M. W. Stanley, E. A. Vaughn, H. F. Robey, Jr., R. N. Wagner, J. C. Glascock, S. J. Jones, L. B. Neubert, G. H. Traylon, J. B. Gashay, J. R. Fox, D. C. Mathewson, E. W. Andrews, Jr., Dr. L. V. Cralley.

POINT COMFORT COPIES: Messrs. E. L. Wanlisten, C. A. Belcolore, H. P. Armintrout, E. C. McCormack, W. B. Harriss, W. H. Burgess.

August 7, 1959

R. R. SUGG

MR. A. J. RICE

ROCKDALE WORKS

PITTSBURGH OFFICE

cc: Mr. J. D. Harper, Pittsburgh
Mr. A. R. Carter, Pittsburgh
Mr. M. E. Brooks, Pittsburgh
→ Dr. L. V. Cralley, Pittsburgh
Mr. H. J. Rowe, Pittsburgh

INDUSTRIAL HYGIENE COMMITTEE

Rockdale Works Industrial Hygiene Committee is composed

of:

H. A. Semken	- Chairman, Chief Chemist
S. A. Jones	- Chief Metallurgist
H. D. Franklin	- Carbon Plant Supt.
W. G. Martin	- Safety Engineer
E. W. Ostendorf	- Power Manager
J. E. Yates	- Asst. Works Manager

Mr. Semken has been chairman of this committee since its organization in the early days of plant operation. We believe that with his overall responsibility for in-plant and out-plant checking, it is still desirable for him to continue as chairman. The Chief Metallurgist is responsible for the proper operation of equipment.

The committee is scheduled to meet quarterly or at any other time of indicated need.

R. R. SUGG

RRS:MB

MILES O. COLWELL, M.D.

PITTSBURGH OFFICE

MR. H. A. SEMKEN

ROCKDALE WORKS

April 2, 1968

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possible

Confidential

Re: EXPOSURE TO ASBESTOS DUST

Please excuse my delay in answering your letter of March 7, 1968 concerning the above noted subject.

In view of the increased interest of unions and government in occupational safety, hygiene and health, I think you can expect more inquiries such as that of Mr. Clark. There is no way we can prevent employees from contacting outside people other than by improving our own programs and conditions to the point where they have confidence in us. Even if we were perfect, a few would still question our integrity.

In my opinion, you should be living within the threshold limit value for asbestos. The only exception to that should be for special circumstances of operation where such would be impossible or impractical to accomplish; then a protective device would be in order. Certainly the general environment should not be so bad as to require respirators.

MILES O. COLWELL, M.D.

MOC:DB

cc: L.V.Cralley, Pgh. /w your file att

ARCH 18737

H. A. SEMKEN

ROCKDALE WORKS

~~DR. MILES C. COLWELL~~
~~MEDICAL DEPARTMENT~~
~~PITTSBURGH OFFICE~~

March 7, 1968

CONFIDENTIAL

RE: EXPOSURE TO ASBESTOS DUST

Attached is a copy of correspondence received by Mr. Jack Clark from The Mount Sinai Hospital and Dr. Maxwell Borow.

Mr. Clark is the brickmason referred to in our correspondence of January, captioned "Potroom Crucible Repairs". Dr. Richards discussed with Mr. Clark the problems of working with asbestos and the protective measures to be taken but, apparently, he wanted outside advice.

All members of the brickmason crew working with asbestos have been told that dust-type respirators are available to them and are advised to use them. Mr. Clark uses his respirator at all times when there is an exposure to asbestos, but the others generally do not. This disturbs Mr. Clark, and he thinks that an exhaust system should be installed to ventilate the building and that some of the work should be done outdoors. We feel that these ideas are not impractical and our engineering group will study the best way of doing it.

We would like to have your comments, particularly with regard to the possibility that some of the employees could request periodic examinations, possibly by outside specialists.

H. A. SEMKEN

HAS:S
Encl.

Copies to: Dr. L. V. Cralley, Pittsburgh
 Dr. J. T. Richards - Mr. A. E. Menke, Rockdale

ARCH 18738