DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control
National Institute for Occupational
Safety and Health – ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505–2888

Our Reference: TN-06107.1

RECEIVED
9-25-92
ENGINEERING

September 21, 1992

Mr. Philip Lowry
Survivair, Inc.
3001 S. Susan Street
Santa Ana, California 92704

Dear Mr. Lowry:

This reply is with reference to your resubmittal letter of August 11, 1992, requesting approval of the models listed in your item 17 (enclosed).

Approval TC-13F-284 is granted to cover the 30-minute, open-circuit, compressed air, pressure-demand type, entry and escape, self-contained breathing apparatus, for respiratory protection during entry into and escape from oxygen deficient atmospheres, gases, and vapors at temperatures above -30°F. Approved only when the compressed air container is fully charged with air meeting the requirements of the Compressed Gas Association Specification G-7.1 for Type I, Grade D air, or equivalent specifications. The container shall meet applicable DOT specifications.

In making renewals or repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

The approved assembly consists of the following Survivair, Inc., parts: First stage regulator assembly 9611-00, second stage regulator assembly 9610-00 or 9613-00, facepiece assembly 9610-90 or 9610-96 (to be used with 9610-00 second stage regulator only) or 9610-98 or 9610-99 (to be used with 9613-00 second stage regulator only), back pack assembly 9612-00 or 9612-50, gauge/alarm assembly (high pressure) 9610-40 intermediate pressure line assembly 9611-40 and cylinder and valve assembly 9151-65, 9161-73, or 9161-35, (optional) 9610-87 neckstrap assembly (optional) 9800-03 spectacle kit. At temperatures below 0°F use 9510-15 or 9510-16 anti-fog solution.

These parts are to be marked with the indicated numbers in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

The enclosed approval label designs are to be used in preparing the approval labels. Label TC-13F-284 shall be prepared for use

on the harness assembly. Designs of your labels must be submitted to the National Institute for Occupational Safety and Health (NIOSH) for approval before printing, and proofs of the printed labels must be submitted to NIOSH for further approval before their final production.

Your quality control plans for the model numbers 9640 series were reviewed by NIOSH. On the basis of that review, your quality control plans are accepted as a part of this approval.

Your drawing lists dated August 4, 1992, apply to this approval.

The actual use of this approved device in combination with any other additional respirator components to enable more than one individual access to the apparatus' life support systems, either directly or indirectly, renders this certification invalid.

This Certificate of Approval is not an endorsement of the respirators by the Mine Safety and Health Administration or NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that the product has met the requirements of 30 CFR Part 11.

Any changes you wish to make to these respirators shall be submitted, and a modification of this approval shall be granted before any changes are made. (Reference: Part 11, section 11.35.)

Please submit samples of respirator packaging, bearing all required labels, instructions, and markings, for our approval, before adopting them. Please send us one production model to be made a part of the record of this approval. We shall retain several other items as additional record material. All other material will be discarded unless we are otherwise advised by you.

Sincerely yours,

Kenneth A. Sproul, Chief
Quality Assurance Division
Approval and Certification Center
MSHA

Richard W. Metzler, Chief
Certification and Quality
Assurance Branch
Division of Safety Research
NIOSH

4 Enclosures

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Our Reference: TN-06108.1

Centers for Disease Control
National Institute for Occupational
Safety and Health – ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505–2888

September 21, 1992

Mr. Philip Lowry
Survivair, Inc.
3001 S. Susan Street
Santa Ana, California 92704

Dear Mr. Lowry:

This reply is with reference to your resubmittal letter of August 11, 1992, requesting approval of the models listed in your item 17 (enclosed).

Approval TC-13F-285 is granted to cover the 30-minute, open-circuit, compressed air, pressure-demand type, entry and escape, self-contained breathing apparatus, for respiratory protection during entry into and escape from oxygen deficient atmospheres, gases, and vapors at temperatures above -30°F. Approved only when the compressed air container is fully charged with air meeting the requirements of the Compressed Gas Association Specification G-7.1 for Type I, Grade D air, or equivalent specifications. The container shall meet applicable DOT specifications.

In making renewals or repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

The approved assembly consists of the following Survivair, Inc., parts: First stage regulator assembly 9611-50, second stage regulator assembly 9610-00 or 9613-00, facepiece assembly 9610-90 or 9610-96 (to be used with 9610-00 second stage regulator only) or 9610-98 or 9610-99 (to be used with 9613-00 second stage regulator only), back pack assembly 9612-00 or 9612-50, gauge/alarm assembly (low pressure) 9610-60 intermediate pressure line assembly 9611-40 and cylinder and valve assembly 9161-03, (optional) 9610-87 neckstrap assembly (optional) 9800-03 spectacle kit. At temperatures below 0°F use 9510-15 or 9510-16 anti-fog solution.

These parts are to be marked with the indicated numbers in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

The enclosed approval label designs are to be used in preparing the approval labels. Label TC-13F-285 shall be prepared for use

on the harness assembly. Designs of your labels must be submitted to the National Institute for Occupational Safety and Health (NIOSH) for approval before printing, and proofs of the printed labels must be submitted to NIOSH for further approval before their final production.

Your quality control plans for the model numbers 9640 series were reviewed by NIOSH. On the basis of that review, your quality control plans are accepted as a part of this approval.

Your drawing lists dated August 4, 1992, apply to this approval.

The actual use of this approved device in combination with any other additional respirator components to enable more than one individual access to the apparatus' life support systems, either directly or indirectly, renders this certification invalid.

This Certificate of Approval is not an endorsement of the respirators by the Mine Safety and Health Administration or NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that the product has met the requirements of 30 CFR Part 11.

Any changes you wish to make to these respirators shall be submitted, and a modification of this approval shall be granted before any changes are made. (Reference: Part 11, section 11.35.)

Please submit samples of respirator packaging, bearing all required labels, instructions, and markings, for our approval, before adopting them. Please send us one production model to be made a part of the record of this approval. We shall retain several other items as additional record material. All other material will be discarded unless we are otherwise advised by you.

Sincerely yours,

Kenneth A. Sproul, Chief
Quality Assurance Division
Approval and Certification Center
MSHA

Richard W. Metzler, Chief
Certification and Quality
Assurance Branch
Division of Safety Research
NIOSH

4 Enclosures

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Our Reference: TN-06109.1

Centers for Disease Control
National Institute for Occupational
Safety and Health – ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505–2888

RECEIVED
9-25-92
ENGINEERING

September 21, 1992

Mr. Philip Lowry
Survivair, Inc.
3001 S. Susan Street
Santa Ana, California 92704

Dear Mr. Lowry:

This reply is with reference to your resubmittal letter of August 11, 1992, requesting approval of the models listed in your item 17 (enclosed).

Approval TC-13F-286 is granted to cover the 45-minute, open-circuit, compressed air, pressure-demand type, entry and escape, self-contained breathing apparatus, for respiratory protection during entry into and escape from oxygen deficient atmospheres, gases, and vapors at temperatures above -30°F. Approved only when the compressed air container is fully charged with air meeting the requirements of the Compressed Gas Association Specification G-7.1 for Type I, Grade D air, or equivalent specifications. The container shall meet applicable DOT specifications.

In making renewals or repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

The approved assembly consists of the following Survivair, Inc., parts: First stage regulator assembly 9611-00, second stage regulator assembly 9610-00 or 9613-00, facepiece assembly 9610-90 or 9610-96 (to be used with 9610-00 second stage regulator only) or 9610-98 or 9610-99 (to be used with 9613-00 second stage regulator only), back pack assembly 9612-00 or 9612-50, gauge/alarm assembly (high pressure) 9610-40 intermediate pressure line assembly 9611-40 and cylinder and valve assembly 9161-40 or 9161-45, (optional) 9610-87 neckstrap assembly (optional) 9800-03 spectacle kit. At temperatures below 0°F use 9510-15 or 9510-16 anti-fog solution.

These parts are to be marked with the indicated numbers in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

The enclosed approval label designs are to be used in preparing the approval labels. Label TC-13F-286 shall be prepared for use

on the harness assembly. Designs of your labels must be submitted to the National Institute for Occupational Safety and Health (NIOSH) for approval before printing, and proofs of the printed labels must be submitted to NIOSH for further approval before their final production.

Your quality control plans for the model numbers 9660 series were reviewed by NIOSH. On the basis of that review, your quality control plans are accepted as a part of this approval.

Your drawing lists dated August 4, 1992, apply to this approval.

The actual use of this approved device in combination with any other additional respirator components to enable more than one individual access to the apparatus' life support systems, either directly or indirectly, renders this certification invalid.

This Certificate of Approval is not an endorsement of the respirators by the Mine Safety and Health Administration or NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that the product has met the requirements of 30 CFR Part 11.

Any changes you wish to make to these respirators shall be submitted, and a modification of this approval shall be granted before any changes are made. (Reference: Part 11, section 11.35.)

Please submit samples of respirator packaging, bearing all required labels, instructions, and markings, for our approval, before adopting them. Please send us one production model to be made a part of the record of this approval. We shall retain several other items as additional record material. All other material will be discarded unless we are otherwise advised by you.

Sincerely yours,

Kenneth A. Sproul, Chief
Quality Assurance Division
Approval and Certification Center
MSHA

Richard W. Metzler, Chief
Certification and Quality
Assurance Branch
Division of Safety Research
NIOSH

4 Enclosures

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Our Reference: TN-06110.1

Centers for Disease Control
National Institute for Occupational
Safety and Health – ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505–2888

September 21, 1992

Mr. Philip Lowry
Survivair, Inc.
3001 S. Susan Street
Santa Ana, California 92704

Dear Mr. Lowry:

This reply is with reference to your resubmittal letter of August 11, 1992, requesting approval of the models listed in your item 17 (enclosed).

Approval TC-13F-287 is granted to cover the 60-minute, open-circuit, compressed air, pressure-demand type, entry and escape, self-contained breathing apparatus, for respiratory protection during entry into and escape from oxygen deficient atmospheres, gases, and vapors at temperatures above -30°F. Approved only when the compressed air container is fully charged with air meeting the requirements of the Compressed Gas Association Specification G-7.1 for Type I, Grade D air, or equivalent specifications. The container shall meet applicable DOT specifications.

In making renewals or repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

The approved assembly consists of the following Survivair, Inc., parts: First stage regulator assembly 9611-00, second stage regulator assembly 9610-00 or 9613-00, facepiece assembly 9610-90 or 9610-96 (to be used with 9610-00 second stage regulator only) or 9610-98 or 9610-99 (to be used with 9613-00 second stage regulator only), back pack assembly 9612-00 or 9612-50, gauge/alarm assembly (high pressure) 9610-40 intermediate pressure line assembly 9611-40 and cylinder and valve assembly 9151-82 or 9151-77, (optional) 9610-87 neckstrap assembly (optional) 9800-03 spectacle kit. At temperatures below 0°F use 9510-15 or 9510-16 anti-fog solution.

These parts are to be marked with the indicated numbers in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

The enclosed approval label designs are to be used in preparing the approval labels. Label TC-13F-287 shall be prepared for use

on the harness assembly. Designs of your labels must be submitted to the National Institute for Occupational Safety and Health (NIOSH) for approval before printing, and proofs of the printed labels must be submitted to NIOSH for further approval before their final production.

Your quality control plans for the model numbers 9670 series were reviewed by NIOSH. On the basis of that review, your quality control plans are accepted as a part of this approval.

Your drawing lists dated August 4, 1992, apply to this approval.

The actual use of this approved device in combination with any other additional respirator components to enable more than one individual access to the apparatus' life support systems, either directly or indirectly, renders this certification invalid.

This Certificate of Approval is not an endorsement of the respirators by the Mine Safety and Health Administration or NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that the product has met the requirements of 30 CFR Part 11.

Any changes you wish to make to these respirators shall be submitted, and a modification of this approval shall be granted before any changes are made. (Reference: Part 11, section 11.35.)

Please submit samples of respirator packaging, bearing all required labels, instructions, and markings, for our approval, before adopting them. Please send us one production model to be made a part of the record of this approval. We shall retain several other items as additional record material. All other material will be discarded unless we are otherwise advised by you.

Sincerely yours,

Kenneth A. Sproul, Chief
Quality Assurance Division
Approval and Certification Center
MSHA

Richard W. Metzler, Chief
Certification and Quality
Assurance Branch
Division of Safety Research
NIOSH

4 Enclosures