

SCBA Evaluation Summary

Vendor	MSA			Scott		
Pack	\$ 4,063.15	x35	\$ 142,210.25	\$ 6,123.68	W/26 bottles	\$ 159,215.68
	No bottle			\$ 6,679.48	W/9 bottles and extra harness	\$ 60,115.32
Mask	\$ 228.98	x50	\$ 11,449.00	\$ 244.64	x50	\$ 12,232.00
Bottles w/ quick connect	\$ 875.05	x70	\$ 61,253.50	\$ 1,016.80	x35	\$ 35,588.00
Pack Quick connect	\$ 183.89	x35	\$ 6,436.15			
ADD ONS						
Accountability in pass	\$ 381.88	x35	\$ 13,365.80	N/A		
Extended buddy breather	\$ 424.18	x35	\$ 14,846.30	N/A		
Adjustable lumbar pad	\$ 85.78	x35	\$ 3,002.30	N/A		
Service tunnel straps/w chest strap	\$ 85.19	x35	\$ 2,981.65	N/A		
Battery charger	\$ 440.63	x3	\$ 1,321.89	uses AA batteries		
			\$ 256,866.84			
Account base station	current works					\$ 1,575.54
Reader/ writer	\$ 413.94					\$ 512.97
Tags	\$ 26.00	Current work		\$ 95.26	pack of ten x6	\$ 571.56
Voice apms	\$			\$ 582.58	x36	\$ 20,972.88
Total \$			\$ 256,866.84			290,783.95



IN SERVICE TO SERVE YOU

TEN-8 FIRE EQUIPMENT, INC.
2904 59TH AVENUE DRIVE EAST
BRADENTON, FL 34203
Phone : 800-228-8368
Fax : 941-756-2598

Sales Quote

Page: 1

Sales Quote Number: Q195641
Sales Quote Date: 10/23/2019

Customer ID: VENICE
SalesPerson: JOHN MADIGAN
Email: johnnten8@yahoo.com
Ten-8 Contact:
Email: jmadigan@ten8fire.com

Sell To :

CITY OF VENICE
ATTN: FIRE DEPT.
200 N. GROVE
VENICE, FL 34285

Ship To :

CITY OF VENICE
CRAIG RUNCK
200 N. GROVE STREET
VENICE, FL 34292

Payment Terms : NET 30 DAYS

Ship Via : STANDARD DELIVERY

Item No.	Description	Unit	Quantity	Selling Price	Total Price
	MSA-A-G1FS444MA2C2LCR INCLUDES: INTEGRATED VOICE AMPLIFIER INTEGRATED HEADS UP DISPLAY QUICK-CONNECT SYSTEM UNIVERSAL BUDDY BREATHING SYSTEM REMOVEABLE SHOULDER STRAPS CHEST STRAP TELEMETRY SYSTEM ADJUSTABLE LUMBAR PAD RECHARGEABLE BATTERY 15-YEAR WARRANTY	EACH	35	5,224.00	182,840.00
MSA-10156424-SP	G1 CYL.RC, 4500PSI 45 MIN CARBON, LP	EACH	70	875.05	61,253.50
MSA-10156459	FACEPIECE,G1,FS,MD MDNC,4PT C-HARNESS	EACH	50	228.98	11,449.00
MSA-10158385	G1 Lithium Ion Battery charger station	EACH	3	440.63	1,321.89
MSA-10083875	TAG ASSY, ELECTRONIC ID, M7	EACH	5	26.46	132.30
FRT INCL	FREIGHT CHARGES INCLUDED	EACH	1		
LAKE	PRICED PER LAKE CO. CONTRACT	EACH			
LAKE2	#17-0606L EXPIRES 06/30/2020	EACH			
	FACE PIECE FIT TESTING (N/C)				
	IN-SERVICE TRAINING (N/C)				

Amount Subject to Sales Tax 0
Amount Exempt from Sales Tax 256,996.69

Subtotal: 256996.69
Invoice Discount: 0.00
Total Sales Tax: 0.00
Total: 256,996.69

This Quote is valid until 11/22/19

All returns must be initiated within 30 days of receipt of product and will be charged a restocking fee. Contact your sales representative to receive a Return Materials Authorization (RMA). Special order parts are not returnable. Full terms and conditions for returns can be found on our website at www.ten8fire.com/returns.

James Runck

From: Harkness, John <jharkness@mesfire.com>
Sent: Monday, October 7, 2019 4:46 PM
To: James Runck
Subject: SCBA Quote #QT1299220
Attachments: Quote_QT1299220_1570480956231.pdf

Caution: This email originated from an external source. **Be Suspicious of Attachments, Links and Requests for Login Information**

Chief Runck,

Attached is the quote for the SCBA's that your committee requested. The quote provides list price, Lake County Contract price, and MES price for each item. The Lake County Contract number is listed on the bottom of the quote.

Please let me know if you have questions. Thanks for allowing MES to quote is important project!

John Harkness
Sales Representative
Municipal Emergency Services
3789 62nd Avenue North
Pinellas Park, FL 33781
C: 727-401-1074
O: 727-521-2135
F: 727-525-1819
jharkness@mesfire.com



From: Harkness, John (jharkness@mesfire.com) <system@sent-via.netsuite.com>
Sent: Monday, October 7, 2019 4:43 PM
To: Harkness, John <jharkness@mesfire.com>
Subject: Municipal Emergency Services, Inc.: Quote #QT1299220



Quote

Page 2 of 3

Date

Quote #

09/24/2019

QT1299220

Item	Alt. Item #	Units	Description	QTY	Unit Sales Pri...	Amount
200954-02			RIT-PAK III ASSY, 4500 PSI List Price: \$3,700.00 Lake County Contract Price: \$3,145.00 MES Price: \$2,711.39	2	2,711.39	5,422.78
201215-35			Assy,AV3 HT W/4PT KEV,RED,LT,M List Price: \$434.00 Lake County Contract Price: \$368.90 MES Price: \$244.65	50	244.64	12,232.00
201276-11			EPIC 3 Radio Direct Interface Voice Amplifier, Open Bracket Configuration List Price: \$795.00 Lake County Contract Price: \$675.75 MES Price: \$582.58	12	582.58	6,990.96
31004024			X3 Pro Laundry Bag for Soft Goods List Price: \$15.50 Lake County Contract Price: \$13.99 MES Price: \$11.72	1	11.72	11.72
8005197			Scott Connect Monitor Software - includes 10 downloads	1	0.00	0.00
8006951			Monitor for X3 PRO	1	0.00	0.00
201088-03			SEMS II, USB GATEWAY List Price: \$2,150.00 Lake County Contract Price: \$1,827.50 MES Price: \$1,575.54	2	1,575.54	3,151.08
201051-01			REPEATER ASSY List Price: \$1,975.00 Lake County Contract Price: \$1,678.25 MES Price: \$1,447.29	1	1,447.29	1,447.29
200673-01			ASSEMBLY,WIRELESS BOOT LOADER List Price: \$1,225.00 Lake County Contract Price: \$1,041.25 MES Price: \$897.69	1	897.69	897.69
200773-01			RFID WRITER KIT List Price: \$700.00 Lake County Contract Price: \$595.00 MES Price: \$512.97	1	512.97	512.97
200774-01			R.F.I.D. Tag Kit List Price: \$130.00 Lake County Contract Price: \$110.50 MES Price: \$95.26	6	95.26	571.56
200266-04			HHR ASSEMBLY,PAK-TRACKER List Price: \$1,750.00 Lake County Contract Price: \$1,484.50 MES Price: \$1,282.41	2	1,282.41	2,564.82
200433-01			Hand-Held Receiver Truck Charging Systems, 12V DC List Price: \$640.00 Lake County Contract Price: \$577.60 MES Price: \$469.00	2	469.00	938.00

QT1299220



3789 62nd Avenue North
Pinellas Park, FL 33781

Quote

Page 1 of 3

Date

09/24/2019

Quote #

QT1299220

Expires

11/08/2019

Sales Rep

Harkness, John

PO #

Shipping Method

FedEx Ground

Bill To

Venice Fire Department
Station #2
200 N Grove Street
Venice FL 34292
United States

Ship To

Venice Fire Department
Station #2
200 N Grove Street
Venice FL 34292
United States

Item	Alt. Item #	Units	Description	QTY	Unit Sales Pri...	Amount
Scott X3	X8914025305...		X8914025305A04 Scott X3 Air-Pak X3 Pro SCBA (2018 Edition) with Snap-Change Parachute Buckles 4500 Standard No Escape Rope E-Z Flo Regulator with Quick Connect Hose (Rectus fittings) Universal EBSS None No SEMS II Pro No Case 2 SCBA Per List Price: \$9,365.00 Lake County Contract Price: \$7,960.25 MES Price: \$6,123.68	26	6,123.68	159,215.68
Scott X3	X8914025301...		X8914025301A03 Scott X3 Air-Pak X3 Pro SCBA (2018 Edition) with Snap-Change Parachute Buckles 4500 Standard No Escape Rope E-Z Flo Regulator with Quick Connect Hose (Rectus fittings) Universal EBSS None Yes (with UEBSS Pouch) SEMS II Pro No Case 1 SCBA Per Box (Black) List price: \$10,215.00 Lake County Contract Price: \$8,682.75 MES Price: \$6,679.44 Includes spare harness	10	6,679.48	66,794.80
200129-01			Snap-Change Cylinder, Carbon-Wrapped, Pressure 4500, 45 Minutes (at 40 lpm) List Price: \$1,555.00 Lake County Contact Price: 1,321.75 MES Price: \$1,016.80	36	1,016.80	36,604.80
200129-01			Snap-Change Cylinder, Carbon-Wrapped, Pressure 4500, 45 Minutes (at 40 lpm)	36	0.00	0.00
804723-01-1			CYL&VALV ASSY CARB,60MIN,4500 List Price: \$1,732.00 Lake County Contract Price: \$1,472.20 MES Price: \$1,132.54	2	1,132.54	2,265.08

	Dilmore		Van Deusen		Hartley		Conner		Putnal		Dietz	
	MSA	Scott	MSA	Scott	MSA	Scott	MSA	Scott	MSA	Scott	MSA	Scott
1												
a	5	5	5	5	4	4	4	5	4	4	5	4
b	4	5	5	3.5	4	4	4	4	5	3	5	4
c	4	5	4	4	3	4	4	5	4	4	4	5
d	5	3	5	4.5	4	4	4	5	4	3	5	4
e	4	4	5	5	5	4	4	5	4	4	5	4
f	5	5	5	5	5	5	5	5	5	4	5	5
g	5	5	5	5	5	4	5	5	4	4	5	5
h	5	5	5	5	5	5	5	5	4	4	5	5
2												
a			4	4	4	4	5	5	5	4	5	5
b	4	4	4	4	5	4	4	4	4	3	5	4
c	4	4	5	5	5	5	4	4	5	3	5	4
d	4	0	4	4	4	4	4	5	4	3	5	5
e	5	5	4	4	5	4	4	5	4	4	5	5
f	4	4	4	4	4	4	4	5	4	4	5	5
g	5	3	5	4	5	4	5	4	5	3	5	4
h	5	3	5	4	5	3	5	3	5	3	5	4
i	5	4	5	3	5	4	4	4	4	4	5	5
j	4	5	5	5	4	5	4	5	4	4	5	5
k	4	4	5	4	4	4	3	5	5	4	5	5
l	5	1	5	4	5	4	4	4	5	3	5	3
m	4	4	4	5	4	4	4	5	4	4	5	5
n	4	4	4	5	4	4	4	4	4	4	5	5
o	4	3	5	4	4	4	5	5	4	4	5	4
p					0	0	0	0	0			
q			5	5	5	5	5	5	4			
3												
a	5	4	5	4	5	4	5	4	4	3	5	5
b	5	4	5	5	4	4	5	4	4	3	5	5
c	4	4	4	4	4	5	5	5	4	4	5	5
d	4	3	4	4	5	4	5	5	4	4	5	5
e	4	3	5	4	4	5	4	5	4	4	5	5
f	5	1	5	4	5	5	4	4	4	4	5	5
g	4	3	4	4	5	5	5	5	4	4	5	5
4												
a	4	4	5	5	4	4	5	5	3	3	5	4
b	4	4	5	5	4	4	4	5	4	4	5	4
5												
a	4	4	5	5	4	4	4	5	4	4	5	5
b	4	0	4	4	4	0	4	4	4	4		
c	4	4	5	5	5	5	4	5	4	4	5	5
6												
a	5	3	5	4	5	4	4	4	4	3	5	3
b	3	4	5	5	4	4	4	5	5	3	5	4
c	4	5	4	5	4	3	4	5	4	3	5	4
d	4	5	4	4	4	4	3	5	5	4	5	5
e	4	3	5	4	4	4	5	4	5	4	4	5
f	4	2	4	4	4	4	5	5	4	4	5	5
g	5	3	5	4	5	3	4	5	4	4	5	5
h	4	4	4	4	4	4	5	5	4	4	5	5
	182	152	204	192	194	179	191	205	186	158	208	193

MSA 1165

Scott 1079

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 10/8/19 SCBA Committee Member Name: Sean Conner
Make of SCBA Tested MSA
Model of SCBA Tested G1
Name of Employee/Member Evaluating: Sean Conner
Station 51 Shift A

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|
| a. | Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | ④ | 5 |
| b. | Overall package weight / balance | 0 | 1 | 2 | 3 | ④ | 5 |
| c. | Components protected from damage | 0 | 1 | 2 | 3 | ④ | 5 |
| d. | Straps well constructed and padded | 0 | 1 | 2 | 3 | ④ | 5 |

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e.	Buckles and/or fasteners operate smoothly	0	1	2	3	④	5
f.	Straps are long enough	0	1	2	3	4	⑤
g.	Cylinder securely fastened to backframe	0	1	2	3	4	⑤
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	4	⑤

Comments:

The remote gauge with the TIC
Swings around when operating.

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	⑤
b.	Overall comfort of backframe and harness	0	1	2	3	④	5
c.	Weight distribution and balance	0	1	2	3	④	5
d.	Mask location/management when not being worn	0	1	2	3	④	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	④	5
f.	Facepiece harness adjustment	0	1	2	3	④	5
g.	Comfort of facepiece	0	1	2	3	4	⑤
h.	Weight and balance of facepiece when worn	0	1	2	3	4	⑤
i.	Comfort of seal against face	0	1	2	3	④	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	④	5
k.	Ease of communication while off air	0	1	2	③	4	5
l.	Cylinder valve easy to reach and turn on	0	1	2	3	④	5
m.	Firefighter hood fits easily around facepiece -- no gaps	0	1	2	3	④	5
n.	Helmet fits well to facepiece	0	1	2	3	④	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	4	⑤

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

62

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- a. Regulator easily dismounts from holder 0 1 2 3 4 5
- b. Regulator docks easily to facepiece with F.F. gloves 0 1 2 3 4 5
- c. Bypass/Purge valve operates easily with F.F. gloves 0 1 2 3 4 5
- d. Remote gauge easy to read with facepiece donned 0 1 2 3 4 5
- e. Field of view with regulator in (look down, up, side to side while holding head straight) 0 1 2 3 4 5
- f. Ease of regulator air shutoff and doffing 0 1 2 3 4 5
- g. Vision is not distorted when looking to side, up, down 0 1 2 3 4 5

34

Comments:

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- a. Freedom of arm movement 0 1 2 3 4 5
- b. SCBA stays centered and secure on back 0 1 2 3 4 5

9

Comments:

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

12

Comments:

wish it had the cleanability that
Scott has.

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator – connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5

34
12
—
46

7. Comments regarding any Health and Safety Concerns or recommendations

N/A

8. General Comments/Additional Features Noted

This pack is
already 5 years old.

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

192

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 10/8/19 SCBA Committee Member Name: Sean Conner
Make of SCBA Tested Scott
Model of SCBA Tested X3 pro
Name of Employee/Member Evaluating: Sean Conner
Station 51 Shift A

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|
| a. | Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | Overall package weight / balance | 0 | 1 | 2 | 3 | 4 | 5 |
| c. | Components protected from damage | 0 | 1 | 2 | 3 | 4 | 5 |
| d. | Straps well constructed and padded | 0 | 1 | 2 | 3 | 4 | 5 |

e.	Buckles and/or fasteners operate smoothly	0	1	2	3	4	5
f.	Straps are long enough	0	1	2	3	4	5
g.	Cylinder securely fastened to backframe	0	1	2	3	4	5
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	4	5

39

Comments:

The quick connect is very simple and
fast to use.

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	5
b.	Overall comfort of backframe and harness	0	1	2	3	4	5
c.	Weight distribution and balance	0	1	2	3	4	5
d.	Mask location/management when not being worn	0	1	2	3	4	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	4	5
f.	Facepiece harness adjustment	0	1	2	3	4	5
g.	Comfort of facepiece	0	1	2	3	4	5
h.	Weight and balance of facepiece when worn	0	1	2	3	4	5
i.	Comfort of seal against face	0	1	2	3	4	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	4	5
k.	Ease of communication while off air	0	1	2	3	4	5
l.	Cylinder valve easy to reach and turn on	0	1	2	3	4	5
m.	Firefighter hood fits easily around facepiece -- no gaps	0	1	2	3	4	5
n.	Helmet fits well to facepiece	0	1	2	3	4	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	4	5

40
 24
 3
 67

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

72

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- a. Regulator easily dismounts from holder 0 1 2 3 4 5
- b. Regulator docks easily to facepiece with F.F. gloves 0 1 2 3 4 5
- c. Bypass/Purge valve operates easily with F.F. gloves 0 1 2 3 4 5
- d. Remote gauge easy to read with facepiece donned 0 1 2 3 4 5
- e. Field of view with regulator in (look down, up, side to side while holding head straight) 0 1 2 3 4 5
- f. Ease of regulator air shutoff and doffing 0 1 2 3 4 5
- g. Vision is not distorted when looking to side, up, down 0 1 2 3 4 5

32

Comments:

Very easy to breathe in this pack.
The MSA felt like you had to work more
to get air when working out.

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- a. Freedom of arm movement 0 1 2 3 4 5
- b. SCBA stays centered and secure on back 0 1 2 3 4 5

10

Comments:

Pack sits nice on hip's and takes
the weight off the back.

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0 14
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

Comments:

Love that Scott's harness can be easily
disassembled and cleaned to reduce the risk of
Cancer

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator - connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5
- 38

7. Comments regarding any Health and Safety Concerns or recommendations

8. General Comments/Additional Features Noted

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

Both Pack's are good but I give the slight edge to Scott.

205

* MASK Fixed
* Small bottle
* Led Eliminated r/t connection

B600 charger
6 hrs to charge if dead
2 hrs if half
\$ 1K camera

7K

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 9/16

SCBA Committee Member Name: Brandon Dilmore

Make of SCBA Tested

MSA

Model of SCBA Tested

G1

Name of Employee/Member Evaluating: _____

Station 5A

Shift A

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.

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1. Initial Evaluations

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- | | | | | | | |
|--|---|---|---|---|---|---|
| a. Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | 4 | 5 |
| b. Overall package weight / balance | 0 | 1 | 2 | 3 | 4 | 5 |
| c. Components protected from damage | 0 | 1 | 2 | 3 | 4 | 5 |
| d. Straps well constructed and padded | 0 | 1 | 2 | 3 | 4 | 5 |

MSA SCOTT
+8 +8

- | | | | | | | | |
|----|---|---|---|---|---|---|---|
| e. | Buckles and/or fasteners operate smoothly | 0 | 1 | 2 | 3 | 4 | 5 |
| f. | Straps are long enough | 0 | 1 | 2 | 3 | 4 | 5 |
| g. | Cylinder securely fastened to backframe | 0 | 1 | 2 | 3 | 4 | 5 |
| h. | Cylinder gauge easy to read when in backframe | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

Waste strap
 Scott: Buckles don't go tight enough, overall package is simple and durable, feels lighter, components are better protected cylinder is easy to install. waste strap

Scott MSP
 37 37

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

- | | | | | | | | | |
|----|--|---|---|---|---|---|---|---|
| a. | Harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 | ? |
| b. | Overall comfort of backframe and harness | 0 | 1 | 2 | 3 | 4 | 5 | |
| c. | Weight distribution and balance | 0 | 1 | 2 | 3 | 4 | 5 | |
| d. | Mask location/management when not being worn | 0 | 1 | 2 | 3 | 4 | 5 | |
| e. | Facepiece harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 | |
| f. | Facepiece harness adjustment | 0 | 1 | 2 | 3 | 4 | 5 | |
| g. | Comfort of facepiece | 0 | 1 | 2 | 3 | 4 | 5 | |
| h. | Weight and balance of facepiece when worn | 0 | 1 | 2 | 3 | 4 | 5 | |
| i. | Comfort of seal against face | 0 | 1 | 2 | 3 | 4 | 5 | |
| j. | Facepiece resists fogging while not on air (staging) | 0 | 1 | 2 | 3 | 4 | 5 | |
| k. | Ease of communication while off air | 0 | 1 | 2 | 3 | 4 | 5 | |
| l. | Cylinder valve easy to reach and turn on | 0 | 1 | 2 | 3 | 4 | 5 | |
| m. | Firefighter hood fits easily around facepiece – no gaps | 0 | 1 | 2 | 3 | 4 | 5 | |
| n. | Helmet fits well to facepiece | 0 | 1 | 2 | 3 | 4 | 5 | |
| o. | Compatibility with thermal imaging camera, radio, flashlight, etc. | 0 | 1 | 2 | 3 | 4 | 5 | |

MSP: Buckles don't go tight enough, heavier Scott has less components exposed, straps are more comfortable.

25
 32
 57

10
 28
 19
 48

Scott MSP
 48 57

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

Comments:

Scott: Face piece is heavier and pulls down, lens vision is blurry, no clips for camera/light, valve to turn on is a pain in the ass. no place to clip mask. MSA: Face piece is lighter, face piece fogged a little, cylinder valve is easier to reach, has clips for face piece.

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | | | | | | |
|--|---|---|---|---|---|---|
| a. Regulator easily dismounts from holder | 0 | 1 | 2 | 3 | 4 | 5 |
| b. Regulator docks easily to facepiece with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| c. Bypass/Purge valve operates easily with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| d. Remote gauge easy to read with facepiece donned | 0 | 1 | 2 | 3 | 4 | 5 |
| e. Field of view with regulator in (look down, up, side to side while holding head straight) | 0 | 1 | 2 | 3 | 4 | 5 |
| f. Ease of regulator air shutoff and doffing | 0 | 1 | 2 | 3 | 4 | 5 |
| g. Vision is not distorted when looking to side, up, down | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

Scott: reg is difficult to doff, gauge sits high.

MSA: reg is easy to doff

SCOTT MSA
22 31

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | | | | | | |
|---|---|---|---|---|---|---|
| a. Freedom of arm movement | 0 | 1 | 2 | 3 | 4 | 5 |
| b. SCBA stays centered and secure on back | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

8/8

Both packs are comfortable

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

MSH

12

Comments:

They say Scott has no way of cross contamination
but I feel it does.

SCOTT
8

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator – connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5

SCOTT

29

MSH

33

7. Comments regarding any Health and Safety Concerns or recommendations

Scott: cant buddy breath from shoulder strap

MSA: Cylinder doffing is a little more difficult

remote gauge is nicer

8. General Comments/Additional Features Noted

9. Would you recommend for our Department to buy this SCBA YES _____ NO _____

Both packs are nice but I like MSA better.

SCOTT

152

MSA

178

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 10/7/19 SCBA Committee Member Name: Ed Van Deusen
Make of SCBA Tested SCOTT IN PINK / MSA IN yellow
Model of SCBA Tested _____
Name of Employee/Member Evaluating: _____
Station _____ Shift _____

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

a.	Overall package profile (uncluttered)	0	1	2	3	4	5	5/5	SCOTT MSA		
b.	Overall package weight / balance	0	1	2	3	4	5	3.5/5			
c.	Components protected from damage	0	1	2	3	4	5	4/5			
d.	Straps well constructed and padded	0	1	2	3	4	5	4/5			

16/19

- | | | | | | | | | |
|----|---|---|---|---|---|---|---|------|
| e. | Buckles and/or fasteners operate smoothly | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |
| f. | Straps are long enough | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |
| g. | Cylinder securely fastened to backframe | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |
| h. | Cylinder gauge easy to read when in backframe | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |

Comments:

20/20
36/39

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

- | | | 0 | 1 | 2 | 3 | 4 | 5 | Score MSA |
|----|--|---|---|---|---|---|---|-----------|
| a. | Harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 | 4/4 |
| b. | Overall comfort of backframe and harness | 0 | 1 | 2 | 3 | 4 | 5 | 4/4. |
| c. | Weight distribution and balance | 0 | 1 | 2 | 3 | 4 | 5 | 5/5 |
| d. | Mask location/management when not being worn | 0 | 1 | 2 | 3 | 4 | 5 | 4/4. |
| e. | Facepiece harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 | 4/4. |
| f. | Facepiece harness adjustment | 0 | 1 | 2 | 3 | 4 | 5 | 4/4. |
| g. | Comfort of facepiece | 0 | 1 | 2 | 3 | 4 | 5 | 4/5. |
| h. | Weight and balance of facepiece when worn | 0 | 1 | 2 | 3 | 4 | 5 | 4/5. |
| i. | Comfort of seal against face | 0 | 1 | 2 | 3 | 4 | 5 | 2/4/5 |
| j. | Facepiece resists fogging while not on air (staging) | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |
| k. | Ease of communication while off air | 0 | 1 | 2 | 3 | 4 | 5 | 4/5. |
| l. | Cylinder valve easy to reach and turn on | 0 | 1 | 2 | 3 | 4 | 5 | 4/5 |
| m. | Firefighter hood fits easily around facepiece – no gaps | 0 | 1 | 2 | 3 | 4 | 5 | 5/5. |
| n. | Helmet fits well to facepiece | 0 | 1 | 2 | 3 | 4 | 5 | 5/4. |
| o. | Compatibility with thermal imaging camera, radio, flashlight, etc. | 0 | 1 | 2 | 3 | 4 | 5 | 4/5. |

Neither makes sense.

Neither

Both are blowtorch

40 28
20 40
60/68

p. Does the SCBA fit into your current engines brackets

No = 4 Yes = 0

Scott/MSA

q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

5/5

68/73

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

Scott/MSA

- | | | |
|--|-------------|-------|
| a. Regulator easily dismounts from holder | 0 1 2 3 4 5 | 4/5 |
| b. Regulator docks easily to facepiece with F.F. gloves | 0 1 2 3 4 5 | 5/5 |
| c. Bypass/Purge valve operates easily with F.F. gloves | 0 1 2 3 4 5 | 4/4 |
| d. Remote gauge easy to read with facepiece donned | 0 1 2 3 4 5 | 4/4.5 |
| e. Field of view with regulator in (look down, up, side to side while holding head straight) | 0 1 2 3 4 5 | 4/5 |
| f. Ease of regulator air shutoff and doffing | 0 1 2 3 4 5 | 4.5/5 |
| g. Vision is not distorted when looking to side, up, down | 0 1 2 3 4 5 | 4/4 |

Comments:

Scott Reg is large and not easy to remove

29/32

From mask

MSA Gauge is awesome

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

Scott/MSA

- | | | |
|---|-------------|-----|
| a. Freedom of arm movement | 0 1 2 3 4 5 | 5/5 |
| b. SCBA stays centered and secure on back | 0 1 2 3 4 5 | 5/5 |

Comments:

Both side nice on lower back

10/10

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- Scott/MSA
- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5 5/5.
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0 4/4.
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5 5/5.

Comments:

→ Loaded Question

6. Overall General Opinion (please rate each major component of the SCBA)

- Scott/MSA
- a. Facepiece 0 1 2 3 4 5 4/5.
- b. Backframe 0 1 2 3 4 5 5/5.
- c. Cylinder & Valve 0 1 2 3 4 5 5/4.5.
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5 4/4.
- e. Regulator – connection, ease of use 0 1 2 3 4 5 4.5/5.
- f. HUD 0 1 2 3 4 5 4/4.
- g. Remote Gauge / Control Module 0 1 2 3 4 5 4/10.5
- h. RIT / Survival options 0 1 2 3 4 5 4/4.

→ love the air use gauge on MSA reg console.

54/36

7. Comments regarding any Health and Safety Concerns or recommendations

like the redundant system on scott
MSA is lighter both pack & MASK.
Scott MASK is more cumbersome as well as a
larger reg.

8. General Comments/Additional Features Noted

9. Would you recommend for our Department to buy this SCBA YES _____ NO _____

SCOTT
191

MSA
204

Scott

MSA

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date:	<u>10/7/19</u>	SCBA Committee Member Name:	<u>Kyle Hartley</u>
Make of SCBA Tested	<u>MSA + Scott</u>		
Model of SCBA Tested	<u>61 + X3</u>		
Name of Employee/Member Evaluating:	<u>Kyle Hartley</u>		
Station	<u>S2</u>	Shift	<u>C</u>

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.

The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.

Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.

Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|
| a. | Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | Overall package weight / balance | 0 | 1 | 2 | 3 | 4 | 5 |
| c. | Components protected from damage | 0 | 1 | 2 | 3 | 4 | 5 |
| d. | Straps well constructed and padded | 0 | 1 | 2 | 3 | 4 | 5 |

e.	Buckles and/or fasteners operate smoothly	0	1	2	3	4	5
f.	Straps are long enough	0	1	2	3	4	5
g.	Cylinder securely fastened to backframe	0	1	2	3	4	5
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	4	5

Comments:

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	5
b.	Overall comfort of backframe and harness	0	1	2	3	4	5
c.	Weight distribution and balance	0	1	2	3	4	5
d.	Mask location/management when not being worn	0	1	2	3	4	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	4	5
f.	Facepiece harness adjustment	0	1	2	3	4	5
g.	Comfort of facepiece	0	1	2	3	4	5
h.	Weight and balance of facepiece when worn	0	1	2	3	4	5
i.	Comfort of seal against face	0	1	2	3	4	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	4	5
k.	Ease of communication while off air	0	1	2	3	4	5
l.	Cylinder valve easy to reach and turn on	0	1	2	3	4	5
m.	Firefighter hood fits easily around facepiece – no gaps	0	1	2	3	4	5
n.	Helmet fits well to facepiece	0	1	2	3	4	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	4	5

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | | | | | | | |
|----|---|---|---|---|---|---|---|
| a. | Regulator easily dismounts from holder | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | Regulator docks easily to facepiece with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| c. | Bypass/Purge valve operates easily with F.F. gloves | 0 | 1 | 2 | 3 | 4 | 5 |
| d. | Remote gauge easy to read with facepiece donned | 0 | 1 | 2 | 3 | 4 | 5 |
| e. | Field of view with regulator in (look down, up, side to side while holding head straight) | 0 | 1 | 2 | 3 | 4 | 5 |
| f. | Ease of regulator air shutoff and doffing | 0 | 1 | 2 | 3 | 4 | 5 |
| g. | Vision is not distorted when looking to side, up, down | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | | | | | | | |
|----|--|---|---|---|---|---|---|
| a. | Freedom of arm movement | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | SCBA stays centered and secure on back | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator – connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5

7. Comments regarding any Health and Safety Concerns or recommendations

8. General Comments/Additional Features Noted

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

194

179

MSA unless priced out.

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 9-3-19 SCBA Committee Member Name: Eric Putnal
Make of SCBA Tested Scott
Model of SCBA Tested _____
Name of Employee/Member Evaluating: Eric Putnal
Station 51 Shift B

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | |
|--|---------------|
| a. Overall package profile (und cluttered) | 0 1 2 3 (4) 5 |
| b. Overall package weight / balance | 0 1 2 (3) 4 5 |
| c. Components protected from damage | 0 1 2 3 (4) 5 |
| d. Straps well constructed and padded | 0 1 2 (3) 4 5 |

14

e.	Buckles and/or fasteners operate smoothly	0	1	2	3	4	5
f.	Straps are long enough	0	1	2	3	4	5
g.	Cylinder securely fastened to backframe	0	1	2	3	4	5
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	4	5

Comments:

30

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	5
b.	Overall comfort of backframe and harness	0	1	2	3	4	5
c.	Weight distribution and balance	0	1	2	3	4	5
d.	Mask location/management when not being worn	0	1	2	3	4	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	4	5
f.	Facepiece harness adjustment	0	1	2	3	4	5
g.	Comfort of facepiece	0	1	2	3	4	5
h.	Weight and balance of facepiece when worn	0	1	2	3	4	5
i.	Comfort of seal against face	0	1	2	3	4	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	4	5
k.	Ease of communication while off air	0	1	2	3	4	5
l.	Cylinder valve easy to reach and turn on	0	1	2	3	4	5
m.	Firefighter hood fits easily around facepiece – no gaps	0	1	2	3	4	5
n.	Helmet fits well to facepiece	0	1	2	3	4	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	4	5

36
18
54

p. Does the SCBA fit into your current engines brackets

~~No = 4~~ ~~Yes = 0~~

Did not test this aspect.

q. How easy does SCBA come out of the current engines brackets 0 ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | |
|--|---------------|
| a. Regulator easily dismounts from holder | 0 1 2 (3) 4 5 |
| b. Regulator docks easily to facepiece with F.F. gloves | 0 1 2 (3) 4 5 |
| c. Bypass/Purge valve operates easily with F.F. gloves | 0 1 2 3 (4) 5 |
| d. Remote gauge easy to read with facepiece donned | 0 1 2 3 (4) 5 |
| e. Field of view with regulator in (look down, up, side to side while holding head straight) | 0 1 2 3 (4) 5 |
| f. Ease of regulator air shutoff and doffing | 0 1 2 3 (4) 5 |
| g. Vision is not distorted when looking to side, up, down | 0 1 2 3 (4) 5 |

Comments:

26

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will lightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | |
|---|---------------|
| a. Freedom of arm movement | 0 1 2 (3) 4 5 |
| b. SCBA stays centered and secure on back | 0 1 2 3 (4) 5 |

Comments:

7

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 5

12

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 5
- b. Backframe 0 1 2 3 4 5
- c. Cylinder & Valve 0 1 2 3 4 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 5
- e. Regulator – connection, ease of use 0 1 2 3 4 5
- f. HUD 0 1 2 3 4 5
- g. Remote Gauge / Control Module 0 1 2 3 4 5
- h. RIT / Survival options 0 1 2 3 4 5

29

7. Comments regarding any Health and Safety Concerns or recommendations

None

8. General Comments/Additional Features Noted

None

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

158

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: 9-9-19 SCBA Committee Member Name: Eric Putnal
Make of SCBA Tested MSA
Model of SCBA Tested G1
Name of Employee/Member Evaluating: Eric Putnal
Station 51 Shift B

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|
| a. | Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | ④ | 5 |
| b. | Overall package weight / balance | 0 | 1 | 2 | 3 | 4 | ⑤ |
| c. | Components protected from damage | 0 | 1 | 2 | 3 | ④ | 5 |
| d. | Straps well constructed and padded | 0 | 1 | 2 | 3 | ④ | 5 |

e.	Buckles and/or fasteners operate smoothly	0	1	2	3	(4)	5
f.	Straps are long enough	0	1	2	3	4	(5)
g.	Cylinder securely fastened to backframe	0	1	2	3	(4)	5
h.	Cylinder gauge easy to read when in backframe	0	1	2	3	(4)	5

Comments:

Overall pack is well made & design
quality is user friendly

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

a.	Harness opens large enough for entry	0	1	2	3	4	(5)
b.	Overall comfort of backframe and harness	0	1	2	3	(4)	5
c.	Weight distribution and balance	0	1	2	3	4	(5)
d.	Mask location/management when not being worn	0	1	2	3	(4)	5
e.	Facepiece harness opens large enough for entry	0	1	2	3	(4)	5
f.	Facepiece harness adjustment	0	1	2	3	(4)	5
g.	Comfort of facepiece	0	1	2	3	4	(5)
h.	Weight and balance of facepiece when worn	0	1	2	3	4	(5)
i.	Comfort of seal against face	0	1	2	3	(4)	5
j.	Facepiece resists fogging while not on air (staging)	0	1	2	3	(4)	5
k.	Ease of communication while off air	0	1	2	3	4	(5)
l.	Cylinder valve easy to reach and turn on	0	1	2	3	4	(5)
m.	Firefighter hood fits easily around facepiece - no gaps	0	1	2	3	(4)	5
n.	Helmet fits well to facepiece	0	1	2	3	(4)	5
o.	Compatibility with thermal imaging camera, radio, flashlight, etc.	0	1	2	3	(4)	5

30
36

66

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

70

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- a. Regulator easily dismounts from holder 0 1 2 3 4 5
- b. Regulator docks easily to facepiece with F.F. gloves 0 1 2 3 4 5
- c. Bypass/Purge valve operates easily with F.F. gloves 0 1 2 3 4 5
- d. Remote gauge easy to read with facepiece donned 0 1 2 3 4 5
- e. Field of view with regulator in (look down, up, side to side while holding head straight) 0 1 2 3 4 5
- f. Ease of regulator air shutoff and doffing 0 1 2 3 4 5
- g. Vision is not distorted when looking to side, up, down 0 1 2 3 4 5

28

Comments:

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- a. Freedom of arm movement 0 1 2 3 4 5
- b. SCBA stays centered and secure on back 0 1 2 3 4 5

Comments:

7

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 (4) 5
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 (4) 5

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 (4) 5
- b. Backframe 0 1 2 3 4 (5)
- c. Cylinder & Valve 0 1 2 3 (4) 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 (5)
- e. Regulator - connection, ease of use 0 1 2 3 4 (5)
- f. HUD 0 1 2 3 (4) 5
- g. Remote Gauge / Control Module 0 1 2 3 (4) 5
- h. RIT / Survival options 0 1 2 3 (4) 5

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7. Comments regarding any Health and Safety Concerns or recommendations

None

8. General Comments/Additional Features Noted

None

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: Sept 24th SCBA Committee Member Name: Marty Dietz
Make of SCBA Tested MSA
Model of SCBA Tested G1
Name of Employee/Member Evaluating: Marty Dietz
Station 52 Shift B

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | | | | | | | |
|----|---------------------------------------|---|---|---|---|---|---|
| a. | Overall package profile (uncluttered) | 0 | 1 | 2 | 3 | 4 | ⑤ |
| b. | Overall package weight / balance | 0 | 1 | 2 | 3 | 4 | ⑤ |
| c. | Components protected from damage | 0 | 1 | 2 | 3 | ④ | 5 |
| d. | Straps well constructed and padded | 0 | 1 | 2 | 3 | 4 | ⑤ |

- | | | | | | | | |
|----|---|---|---|---|---|---|---|
| e. | Buckles and/or fasteners operate smoothly | 0 | 1 | 2 | 3 | 4 | 5 |
| f. | Straps are long enough | 0 | 1 | 2 | 3 | 4 | 5 |
| g. | Cylinder securely fastened to backframe | 0 | 1 | 2 | 3 | 4 | 5 |
| h. | Cylinder gauge easy to read when in backframe | 0 | 1 | 2 | 3 | 4 | 5 |

Comments:

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

- | | | | | | | | |
|----|--|---|---|---|---|---|---|
| a. | Harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 |
| b. | Overall comfort of backframe and harness | 0 | 1 | 2 | 3 | 4 | 5 |
| c. | Weight distribution and balance | 0 | 1 | 2 | 3 | 4 | 5 |
| d. | Mask location/management when not being worn | 0 | 1 | 2 | 3 | 4 | 5 |
| e. | Facepiece harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | 5 |
| f. | Facepiece harness adjustment | 0 | 1 | 2 | 3 | 4 | 5 |
| g. | Comfort of facepiece | 0 | 1 | 2 | 3 | 4 | 5 |
| h. | Weight and balance of facepiece when worn | 0 | 1 | 2 | 3 | 4 | 5 |
| i. | Comfort of seal against face | 0 | 1 | 2 | 3 | 4 | 5 |
| j. | Facepiece resists fogging while not on air (staging) | 0 | 1 | 2 | 3 | 4 | 5 |
| k. | Ease of communication while off air | 0 | 1 | 2 | 3 | 4 | 5 |
| l. | Cylinder valve easy to reach and turn on | 0 | 1 | 2 | 3 | 4 | 5 |
| m. | Firefighter hood fits easily around facepiece -- no gaps | 0 | 1 | 2 | 3 | 4 | 5 |
| n. | Helmet fits well to facepiece | 0 | 1 | 2 | 3 | 4 | 5 |
| o. | Compatibility with thermal imaging camera, radio, flashlight, etc. | 0 | 1 | 2 | 3 | 4 | 5 |

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | |
|--|-------------|
| a. Regulator easily dismounts from holder | 0 1 2 3 4 ⑤ |
| b. Regulator docks easily to facepiece with F.F. gloves | 0 1 2 3 4 ⑤ |
| c. Bypass/Purge valve operates easily with F.F. gloves | 0 1 2 3 4 ⑤ |
| d. Remote gauge easy to read with facepiece donned | 0 1 2 3 4 ⑤ |
| e. Field of view with regulator in (look down, up, side to side while holding head straight) | 0 1 2 3 4 ⑤ |
| f. Ease of regulator air shutoff and doffing | 0 1 2 3 4 ⑤ |
| g. Vision is not distorted when looking to side, up, down | 0 1 2 3 4 ⑤ |

Comments:

Regulator has limited movement when
connected to face-piece

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | |
|---|-------------|
| a. Freedom of arm movement | 0 1 2 3 4 ⑤ |
| b. SCBA stays centered and secure on back | 0 1 2 3 4 ⑤ |

Comments:

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 **5**
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 **5**

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 3 4 **5**
- b. Backframe 0 1 2 3 4 **5**
- c. Cylinder & Valve 0 1 2 3 4 **5**
- d. Low Pressure Alarm (primary) 0 1 2 3 4 **5**
- e. Regulator - connection, ease of use 0 1 2 3 **4** 5
- f. HUD 0 1 2 3 4 **5**
- g. Remote Gauge / Control Module 0 1 2 3 4 **5**
- h. RIT / Survival options 0 1 2 3 4 **5**

7. Comments regarding any Health and Safety Concerns or recommendations

8. General Comments/Additional Features Noted

Pack feels very comfortable

9. Would you recommend for our Department to buy this SCBA YES ☒ NO ☐

Venice Fire Rescue

Self Contained Breathing Apparatus Review Committee

EVALUATION FORM

Date: Sept. 30th SCBA Committee Member Name: Marty Dietz
Make of SCBA Tested SCOTT
Model of SCBA Tested AIR-PAK X3 PRO
Name of Employee/Member Evaluating: Marty Dietz
Station 52 Shift B

INSTRUCTIONS

All participating personnel will meet and be briefed on the Evaluation.
The exercises to be performed will be explained to all crews and will highlight the fact that we are testing SCBA and not the crews.
Crews will be reminded to evaluate the SCBA during all portions of the exercises in order to score and rate the units tested.

TRAINING

Crews will receive training on the model of SCBA that is to be worn.
Please score the SCBA evaluated on a basis where:

- 0 Not acceptable
- 1 Poor performance
- 2 Fair performance
- 3 Good performance
- 4 Very good performance
- 5 Excellent performance

Note: Remember that a score of 0, 1 or 5 requires a comment to be supplied by the member evaluating. Additional comments can also be submitted for other scores if desired

1. Initial Evaluations

Member will have approximately 5 minutes to familiarize themselves and to critique the unit.

- | | |
|--|-------------|
| a. Overall package profile (uncluttered) | 0 1 2 3 ④ 5 |
| b. Overall package weight / balance | 0 1 2 3 ④ 5 |
| c. Components protected from damage | 0 1 2 3 4 ⑤ |
| d. Straps well constructed and padded | 0 1 2 3 ④ 5 |

- | | | | | | | | |
|----|---|---|---|---|---|---|---|
| e. | Buckles and/or fasteners operate smoothly | 0 | 1 | 2 | 3 | ④ | 5 |
| f. | Straps are long enough | 0 | 1 | 2 | 3 | 4 | ⑤ |
| g. | Cylinder securely fastened to backframe | 0 | 1 | 2 | 3 | 4 | ⑤ |
| h. | Cylinder gauge easy to read when in backframe | 0 | 1 | 2 | 3 | 4 | ⑤ |

Comments:

2. Donning and Off Air Breathing

Member will don unit and Breathe Air.

- | | | | | | | | |
|----|--|---|---|---|---|---|---|
| a. | Harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | ⑤ |
| b. | Overall comfort of backframe and harness | 0 | 1 | 2 | 3 | ④ | 5 |
| c. | Weight distribution and balance | 0 | 1 | 2 | 3 | ④ | 5 |
| d. | Mask location/management when not being worn | 0 | 1 | 2 | 3 | 4 | ⑤ |
| e. | Facepiece harness opens large enough for entry | 0 | 1 | 2 | 3 | 4 | ⑤ |
| f. | Facepiece harness adjustment | 0 | 1 | 2 | 3 | 4 | ⑤ |
| g. | Comfort of facepiece | 0 | 1 | 2 | 3 | ④ | 5 |
| h. | Weight and balance of facepiece when worn | 0 | 1 | 2 | 3 | ④ | 5 |
| i. | Comfort of seal against face | 0 | 1 | 2 | 3 | 4 | ⑤ |
| j. | Facepiece resists fogging while not on air (staging) | 0 | 1 | 2 | 3 | 4 | ⑤ |
| k. | Ease of communication while off air | 0 | 1 | 2 | 3 | 4 | ⑤ |
| l. | Cylinder valve easy to reach and turn on | 0 | 1 | 2 | ③ | 4 | 5 |
| m. | Firefighter hood fits easily around facepiece – no gaps | 0 | 1 | 2 | 3 | 4 | ⑤ |
| n. | Helmet fits well to facepiece | 0 | 1 | 2 | 3 | 4 | ⑤ |
| o. | Compatibility with thermal imaging camera, radio, flashlight, etc. | 0 | 1 | 2 | 3 | ④ | 5 |

- p. Does the SCBA fit into your current engines brackets No = 4 Yes = 0
- q. How easy does SCBA come out of the current engines brackets 0 1 2 3 4 5

Comments:

3. On Air and Pre-entry Test

Crews will now go on air and take a few minutes to assess the following:

- | | |
|--|-------------|
| a. Regulator easily dismounts from holder | 0 1 2 3 4 ⑤ |
| b. Regulator docks easily to facepiece with F.F. gloves | 0 1 2 3 4 ⑤ |
| c. Bypass/Purge valve operates easily with F.F. gloves | 0 1 2 3 4 ⑤ |
| d. Remote gauge easy to read with facepiece donned | 0 1 2 3 4 ⑤ |
| e. Field of view with regulator in (look down, up, side to side while holding head straight) | 0 1 2 3 4 ⑤ |
| f. Ease of regulator air shutoff and doffing | 0 1 2 3 4 ⑥ |
| g. Vision is not distorted when looking to side, up, down | 0 1 2 3 4 ⑤ |

Comments:

4. Hose Roll

The participant will briskly walk to the hose layout area. The participant will tightly roll the outstretched 50' length of 3" hose. They will then pick up hose walk 10' place back down on ground and unroll.

- | | |
|---|-------------|
| a. Freedom of arm movement | 0 1 2 3 ④ 5 |
| b. SCBA stays centered and secure on back | 0 1 2 3 ④ 5 |

Comments:

5. Doffing and Cleaning

Crews will move to the designated area, doff the unit and use the supplied cleaning equipment to prepare the unit for "return to service".

- a. Facepiece cleaning is a simple procedure 0 1 2 3 4 ⑤
- b. Does regulator need to be decontaminated to prevent cross contamination between Firefighters. Will this require drying time to prevent regulator freeze-up? No = 4 Yes = 0
- c. SCBA harness is easy to loosen and doff 0 1 2 3 4 ⑤

Comments:

6. Overall General Opinion (please rate each major component of the SCBA)

- a. Facepiece 0 1 2 ③ 4 5
- b. Backframe 0 1 2 3 ④ 5
- c. Cylinder & Valve 0 1 2 3 ④ 5
- d. Low Pressure Alarm (primary) 0 1 2 3 4 ⑤
- e. Regulator – connection, ease of use 0 1 2 3 4 ⑤
- f. HUD 0 1 2 3 4 ⑤
- g. Remote Gauge / Control Module 0 1 2 3 4 ⑤
- h. RIT / Survival options 0 1 2 3 4 ⑤

7. Comments regarding any Health and Safety Concerns or recommendations

8. General Comments/Additional Features Noted

Pack feels a little sloppy fully secured on back

9. Would you recommend for our Department to buy this SCBA YES ✓ NO