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											Disc	cuss	ion	ot (	Con	cept	s to	or St	anda	ards	s toi	aı	Mult	ı-Fu	ncti	on P	\PR													
Affiliation Key																																								
M	Manu			•			l					abo	r				MI		lilita						С	CD														
Р	PPE I			_					_	gula							Α		ade	mia					0	Oth	er													
	(0) N				_	_						gree				)isa			1.		_ ,		ithe			SUM	1	ы		Agr		_		_			ngly A			SUM
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1. Quality: The quality of the	July 19																																							
resources		$  \  $			1							1	2				Н		4	1				1	3	13	18	2	1	6		2	2	5			1	1	3	41
available for this meeting met my	July 20																																							
expectations.	Ť	П	Т	Т		2	Т	Т	Т		Т	Т			Т	Т	П	Т	1	1	1		Т	Т	1	6	24	2	1	1		7	8	6	1	Т	1	1	2	54
2. Choice: The	July 19		_			$\Box$					_		T						T			_																	_	
meeting facility	ΊТ	П	Т	Т	П	П	3	1 1	Т	П	Т	1	6		Т	Т	П	1	6	1			3	Т	2	25	14	1	Т	1		1	2		П	Т	3	3	4	29
was conveniently located.	July 20																																							
	Ť	П	Т	Т	П	П	4	Т	Т	П	Т	1	5	1	1	Т	П	<b>T</b> :	2 6	1		П	Т	2	6	29	12	2	1	1	П	3	6	5	П	Т	1	2		33
3. Access: I am	July 19												T						T																				—	
satisfied with the information	July 19	П	$\top$	Т	П	Н	$\overline{}$	$\overline{}$	$\top$	П	Т	Τ,	+		$\top$	Τ.	П	Т	+.	Π.	Т		. T	Τ.	Τ.				. T	Τ.	Т			-	П	$\top$	1.1	Τ.	$\top$	
available to	Щ	Ш	_	丄	Ш	Ц	Т	丄	丄	Ш	_	1	3	Ш	_	1	Ш		11	1   1	Ш	Ш	1	1	2	21	13	2	1	4	L	3	4	2	Ш	_	1	1	2	33
support the topics discussed at this	July 20																																							
meeting.	1	П	T	Т			1	Т			Т	Т	1		Т	Т	П	Т	7	·			П	2	4	16	22	4	2	1		6	7				1	T	2	45
4. Timeliness:						Н											ш		+																				-	
The information	July 19		_	_		$\dashv$		_	_		_	_	╄		_	_		_	_	_	_			_	_				_	_						_		—	$\longrightarrow$	
necessary to prepare for this		$  \  $			Ш		1			1		1	9	1			Н		1   7	1			1	1	2	25	8	2	1	5		2	4	4				2	1	29
meeting was	July 20																																							
provided in a timely manner.	July 20	П	$\top$	Т	П	0	2	т	Т	П	Т	<sub>1</sub> T	6		Т	Т	П	1 4	1 13	3 2	1	П	Т	2	1	33	10	1	1	T <sub>1</sub>	Т		6	1	1	Т	T <sub>1</sub> T	T	1	27
						U	2					<u> </u>	10					<u>'</u>  '	+ 13	2 2				12	'	33	10	1	1			4	О						1 '	21
5. <u>Importance</u> : Overall, the	July 19		_	_	_	$\dashv$		_	_		_	_	1		_	_		_	+	_	_		. Т	_	-		1		. [	1	_		_	<u> </u>		_	1.1	<u> </u>		
presentations were		ш	_	_	ш	Ц	Ш	_	_	Ш	_	1	1	Ш	_		ш	_	4	_	ш	Ц	1	_		7	19	3	1	5	_	3	6	5	Ш	_	1	2	2	47
appropriate for this meeting.	July 20		_					_	_		_	_			_			_	+	_			_	_				. 1		L	_	- I				_	1.1	_		
	11111												3						+							3	25	3	2	1		7	8	4	1		1	1	5	58
6. <u>Recovery</u> : Problems and	July 19 5 1		Τ.	. T	1.1		οT	_	_		_	_	1		_	_		_	+				, T	Τ.		20	_ 1	1	<u>, T</u>	Т.	_			-		$\overline{}$	1.1	—		00
issues were		ш	2		1	2	2	_	_	Ш	_	_	3	Ш	_	_	ш		1 9		_	Ц	3	2	1	32	9	2	1	1	_	2	4	1	Ш	_	1	_	1	22
resolved expeditiously.	July 20 6 1	1.1	_	_	1,1			_	_		_	_			_	_		_					_	Te	L		40	, 1	$\overline{}$	T,	_		4	-	1	_	1,1	_		- 00
onpoundary.	6 1	1			1	3													1 8	1	1			3	2	28	18	1		1		3	4	1	1		1		2	32

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																			/leet																					
			Disc	ussi	ion	of C	onc	epts	s foi																	RN A		s ar	nd G	uid	elin	es f	or T	heir	Use					
											Disc	uss	ion	of C	onc	ept	s fo	r St	anda	rds	for	a M	lulti	-Fur	ncti	on P	۱PR													
Affiliation Key																																								
М	Mar			er							or La	aboı	•				MI		ilitar						С	CDC														
Р	PPE		_				_		Reg								Α	Ac	adeı						0	Oth	er													
											isag		Ц.		2) D				$\perp$			Neit			—	SUM				Agı								Agree		SUM
	<del></del>		R	MI	A C	0	М	PΙ	U R	MI	A C	0	М	Р	U R	MI	Α	C	M	Р	U	R M	/II A	С	0	(0)-(3)	М	Р	U	R MI	Α	С	0	М	Р	U R	MI	A C	0	(4)-(5)
7. <u>Courtesy</u> : The	July 1	9											L												$\Box$															
meeting staff was courteous and	Ш		Ш	1			Ш						Ш		$\perp$		Ш	$\perp$	2	L	Ш					3	16	1	1	2		2	3	11	2		4	3	6	51
professional.	July 2	.0																																						
						1																			1	2	20	2	2	1		4	4	12	2		1	3	7	58
8. Knowledge: NPPTL staff was	July 1	9																	Г																					
knowledgeable	7			1			П						1					1	3						1	14	15	2	1	3		2	4	4	1		3	3	2	40
and able to answer my questions			_	_	_			_	+			+		_	_		Н	_			Н	_	_						_	+					Н					
promptly.	July 2	0			_	_	Ь.	_	_		_	_	Ь,	_	_	_		_	+	_		_	_							_	_					_		_		
						1													2					1	2	6	26	1	1	2		5	7	4	3	1		1	3	54
9. <u>Tangibles</u> :	Ī	^																	Т																				$\Box$	
The material I received from this	July 1	<del>9</del> T	П	$\overline{}$	$\overline{}$	$\overline{}$	Н	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	Н	$\overline{}$	$\overline{}$	_	П	$\overline{}$	+	т	П	$\overline{}$	$\overline{}$		$\dashv$				$\overline{}$	$\overline{}$	Т	Ι	_		П	$\overline{}$	т т	$\neg$	$\dashv$	
meeting will assist	4					1							3						3			:	3			14	14	3	1	3		2	6	6			1	3	1	40
me in doing my job or preparing for	July 2	0																																						
future needs.	1	T	П	Т	Т	T	Н	Т	Т		Т	Т	Н	Т	Т	Т	П	Т	7	T 1	1	T	. T	1		47	19	2	<u>.</u>	Т	Т	6	Γ.	_	1	Т	П		3	40
						1													'	1	1		1	1	4	17	19	2	1			Ь	4	5	1		1		3	42
10. Overall, I am satisfied with	July 1	9		_	_	_	Ь.	_	_		_	_	Ь,		_	_		_	┿	_		_	_	_	$\dashv$				_	_	_			_					$\dashv$	
today's NPPTL	ш	_	Ш	_	_	ㅗ	ш	_	┸	Ш	_	1	1	_	_	ᆫ	Ш	_	7	ᆫ	Щ		1	ш	Ц	10	19	1	1	5	上	2	5	4	1	_	1	3	2	44
public meeting.	July 2	0		_	_	_		_	_		_	_	<u> </u>		_			_		_		_	_						_	_	_					_		-		
																			2							2	25	3	2	2		8	11	5	1				2	59
	July 1	_			_	_		_	_			_			_			_	$\perp$			_																_		
	16		0	4 (	0 2	3	6	1 1	1 0	1	0 0	6	29	1	0 0	1	0	1 3	56	3	0	0   1	3 0	5	11	164	145	19	9	35	0	21	40	42	4	0 0	16	0 21	24	376
Totals	July 2	$\overline{}$		_	_	_		_	_		_	_	<u> </u>		_			_		_		_	_						_	_	_					_		-		
	_	1 1	-	_		8	7	0 0	0 0	0	0 2	2 0	15	1	1 0	0	0	1 7	46	6	4	0 /	1 0	11	21	142	201	21	13	11	0	53	65	43	11	1 0	8	0 8	27	462
	July	_		<u> </u>		_	_	_	_		_	_	L.		_	_		_	$\perp$	_		_	_						_	_	_					_				
	24	2   1	0	4	0 3	11	13	1 1	1 0	1	0 2	6	44	2	1 0	1	0	2 1	0 102	9	4	0 1	4 0	16	32	306	346	40	22	46	0	74	105	85	15	1 0	24	0 29	51	838

					action Survey				
					s - July 19-20, 200				
	Discussion of Con	cepts for Standards for Approval					ıidelines	s for Their Use	
		Discussion of Concep	ts fo	r Standards	for a Multi-Functi	on PAPR			
Affiliation Key									
M	Manufacturer	U Union or Labor	MI	Military	C	CDC			
P	PPE User	R Regulator	Α	Academia	0	Other			
11. I would rec	ommend attendance at NPP	TL public meeting to others.			B lank	Yes		No	
				M P	U R MI A C O	M U R MI A	c o	M P U R MI A C O	
				July 19					
				13	1   1	15 1 6	4 8		
				July 20					
				16 2	1 1 3 3	16 1 2	5 9		
				Total	s				
				29 2	1 0 1 1 4 3	31 2 0 8 0	9 17	0 0 0 0 0 0 0 1	
12. Affiliation				M P	U R MI A C O				
				July 19					
				29 3	1 7 5 9				
				July 20					
				32 4	2 2 1 8 12				
				Total	S				
				61 7	3 0 9 1 13 21				
13. I would like	to participate in future NPP1	L Customer Satisfaction Surveys.			B lank	Yes		No	
				M P	U R MI A C O	M U R MI A	СО	M P U R MI A C O	
				July 19					
				15 1	4 1 4	9 1 1	3 2	5 2 1 3	
				July 20					
				14 1		7 1	3 1	10   1 5	
				Total	S 1 0 6 1 5 10	16 2 0 1 0		15 0 0 0 2 0 2 8	
				29   2	1   0   6   1   5   10	16   2   0   1   0	6   3   7	15   0   0   0   2   0   2   8	
E-Mail Add	draceae.								
lds2@cdc.		vvvijay@aol.com		goran@se	a.com.au		adam bi	ilger@msanet.com	
	talystservices.com	nicg@wilcoxind.com		egz7@cd				)ilcdover.com	
	oporeinc.com	zia7@cdc.gov			@aol.com			l@tycoint.com	
mus@ix.ne	etcom.com - Attn: B. Linko	dhornback@icwvc.org		vdesantis	@safetytechint.com	າ		enny@va.gov	
ehensley@	)dmv.com								
14. What comr	ments and suggestions do vo	u have for improving/enhancing NPF	PTL pi	ublic meeting	ıs?				

Page 3 of 15

			NPPTL Cu	ıstoı	mer Satisfaction Surv	/ey		_
					lic Meetings - July 19-20,			
	Discussion of Con	cep					RN Agents and Guidelines for Their Use	
			Discussion of Concep	ts fo	r Standards for a Multi-Fu	ınctio	on PAPR	
Affiliation Key								
M	Manufacturer	U	Union or Labor	MI		С	CDC	
P	PPE User	R	Regulator	Α	Academia	0	Other	_
Manufactu								
July 19, 20								
			ude facility tours of NPPTL/NIOS					
			nce travel yielded only 3 1/2 hour					
			esentation is very difficult to obse	erve (0	CBRN SCBA User's Guide)	).		
	ig for future comment the iss							
			ilable at least 2 weeks in advanc	e.				
	ation on NIOSH website wel		fore meeting.					
Continue ho	olding and increase frequenc	y.						
								_
July 20, 20								_
		us lo	cations for convenience of amm	enitie	s and restaurants, etc.			_
Room too c								_
	ot difficult to find.							
	e morning were great (I don'							_
		in m	ore Q&A time; force presenters	to sta	y within their allotted time.			_
	ntation slides on web page.							
	er of questions which a spec							
Provide har	d copies of presentations du	iring	the meeting.					_
PPE User								
July 19, 20								_
Continue ho	olding and increase frequenc	y.						
July 20, 20								_
Provide shu	ittle.							
								_
Union or L								_
July 19, 20								_
Improved s	ound system.							_
1 00. 00	05							_
July 20, 20	บอ							_
None.								_

			NDDT	Cuctor	ner Satisfactio	n Survey		
					lic Meetings - Jul		•	
	Discussion of Con	conf					RN Agents and Guidelines for Their Use	
	Discussion of Con	icepi	Discussion of Co					
			Discussion of Co	ncepts to	Standards for a	Multi-Function	DII FAFK	
Affiliation Ke	ey .							
М	Manufacturer	U	Union or Labor	MI	Military	С	CDC	
Р	PPE User	R	Regulator	Α	Academia	0	Other	
14. What con	nments and suggestions do yo	u ha	ve for improving/enhancing	NPPTL po	ublic meetings? (C	Continued)		
						•		
Military								
July 19, 2	2005							
Improve a	audio / mic locations / quality.							
July 20, 2	2005							
None.								
CDC								
July 19, 2								
More use								
Webcast/	recording for archives.							
July 20, 2	2005							
	aker repeat posed question pr	ior to	answering					
	cicipation from healthcare stake							
Word part	dipation from freditional State	CHOIC	1013.					
Other								
July 19, 2	2005							
		t lea	st a month and a half prior	to the mee	ting so attendees o	can better pla	n, especially those of us in the government who have to	have
							d not attended a meeting in June where Les Boord told	
	meeting, I would not have he							
					/as unavailabale. v	vork not done	, or authors not prepared/approved to discuss. More pu	blic
	n "objective of std" more usefu						,	
	,			(3.,				
July 20, 2								
	cond microphone for comment	ers to	use - one is not enough a	nd takes u	p time.			
More mic	rophones for Q/A.							
	notices of future meetings ou	ıt in a	n more timely manner so fo	lks can ma	ike travel plans ea	sier. Only a 2	-week notice is not enough!	
	oies would have been nice.							
DHS shot	uld have been included in disc	ussic	ons of NAS PPE committee	١.				

Easier site access - better location.

																										ati																											
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			Di	scı	ISS	ion	of	Cc	nc	ep	ts 1	or												•										RN A				ınd	Gı	IIde	lin	es f	or I	nei	r U	se							
														<b>D</b> 1.	300	133	101			0111	,cp			٠,	and	uai	us	101	u	mu	11.		iict		_																	_	
Affiliation Key											_				_	_																	_																				_
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15. The pre					pre		nto	4 0	_			<u> </u>				ani	201	lov				-	<u> </u>	A	au	em	IIa						<u> </u>		ıne	*1									_	—	—	—	—	—	—	—	$\dashv$
15. The pre	sen	alic	)II V	vas	pre	:50	nie	u a	la	II a	pμι	opi	IIai	e i	eci	11111	Jai	iev	eı.																										_								-
July 19, 20	05																																																				
	(0)	No	Ва	sis	to	Ju	ıdg	e	(1)	St	roı	ngl	уΓ	)isa	agı	ree	Τ		(2	2) D	isa	ıge	e		Т	_		(3)	Ne	ith	er			SU	М			(	4) /	۱gr	ee			T	(5)	St	ror	ıgl	у А	gre	<del></del>	S	UМ
	M	Р	U	R	MI	A (	С	0	M	Р	U	R	MI	Α	С	0	М	F	ľ	j F	M	II /	4 (	2	2	М	Р	U	R	MI	Α	С	0	(0)-(	3)	М	Р	U	R	MI	Α	С	0	М	Ť	, l	R	M	ΛIA	С	0	(4	)-(5)
CBRN							T	Т				П					Г			Т		Τ		Ī	Т	П																			Т	Т	Т	Т	Т	Т	П		
Respirator	_						, [	-																									١,	_										١.				١,		١.	_		
Standards Overview	5						1	-																									1	7		20	3	1		3		3	3	4				4	1	1	5	1	47
Jon Szalajda								-																																													
Closed-Circuit				T	T	Ī	T	Ť	T	T		$\neg$					Ť	T	Ť	T	T	T	T	T	Ť	ヿ									T									T	T	T	T	T	T	T	Τ		
SCBA Overview	5					1.	1	-								1										2				1			1	11		19	2	1		3		3	4	3	1			3	3	1	3		43
John Kovac	-							-																		-											-			Ī				-									
Closed-Circuit		-	-	Ť	Ť	÷	Ť	$\dagger$	i	_		T				:	t	÷	÷	Ť	i	÷	÷	÷	十	一							<u> </u>		+		:	:	<u>:                                    </u>			:	<del>-</del>	╈	Ť	Ť	÷	÷	÷	÷	H		
SCBA								-																																													
Conceptual	5					- 1	1	-																	1	2				3			1	13		20	2	1		1		3	4	2	1	1		3	3	1	3	1	41
Requirements Frank Payla								-																																													
ABMS Related		i	Ť	Ť	Ť	Ť	Ť	$\dagger$	Ť	┪	_	一			_	÷	t	÷	Ť	Ť	÷	Ť	Ť	Ť	十	$\dashv$							H		+		_	÷	÷				÷	+	÷	Ť	÷	Ť	Ť	÷	늘	+	
Requirements	5					-	1	-									1								1	1							2	11		18	2	1		4		2	4	4	1	ı İ		3	3	2	2		43
Nick Kyriazi		_	_	4	4	_	4	4	_	_	_	_			_	_	Ļ	╧	1	╧	1	╧	╧	┵	<u>↓</u>	_									_			_	L				_	_	╧	╧	╧	┷	╧	╧	느	$\bot$	
Closed-Circuit SCBA								-																																													
Benchmark	4					1.	1	-									<sub>1</sub>								<u>ا</u> ا	3								10		20	2	1		4		3	6	1	1	,		3	2	1	2		44
Testing							' [	-									Ι΄								1	Ĭ								"		20	-	ļ '		7		J	ľ	Ι΄	'			ľ		Ι΄	-		_
Tim Rehak								$\perp$				Ш			_	<u> </u>	L	L			L	L	1		丄								<u> </u>				<u> </u>	_	<u> </u>			<u> </u>	<u> </u>		l	L	<u> </u>	L	L	L	<u> </u>		
Computational								T																	T																												
Fluid Dynamics of Facepiece								-																																													
Leakage	5					-	1	1								1	3				1		1	1	2	9				1			1	26		11	2	1		1		3	2	1	1	1		4	1		2	1	28
John Kovac																									1																												
																									$\perp$																												

	M Manufacturer PPE User R Regulator A Academia O Other  5. The presentation was presented at an appropriate technical level. (Continued)  July 19, 2005  (0) No Basis to Judge (1) Strongly Disagree (2) Disagee (3) Neither SUM (4) Agree (5) Strongly Agree SUM (4) Agree (5) Strongly Agree SUM (4) Agree (5) Strongly Agree SUM (5) Strongly Agree SUM (6) Agree (6) Agree (7) Agree (7) Agree (8) Agree (8) Agree (9) Agree (9) Agree (9) Agree (1) Agree																																																				
NIOSH/NPPTL Public Meetings - July 19-20, 2005  Discussion of Concepts for Standards for Approval of Respirators for Use Against CBRN Agents and Guidelines for Their Use  Discussion of Concepts for Standards for a Multi-Function PAPR  Affiliation Key  M Manufacturer P PPE User R Regulator M Regulator Discussion of Concepts for Standards for a Multi-Function PAPR  M Manufacturer R Regulator D Other  15. The presentation was presented at an appropriate technical level. (Continued)  July 19, 2005    (0) No Basis to Judge   (1) Strongly Disagree   (2) Disagree   (3) Neither   SUM   (4) Agree   (5) Strongly Agree   SUM   (4) Agree   (5) Strongly Agree   (5) Strongly Agree   (6) Overview - (6) Guidelines for Use of NIOSH-Approved   1																																																					
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NPPTL Customer Satisfaction Survey NIOSH/NPPTL Public Meetings - July 19-20, 2005 Discussion of Concepts for Standards for Approval of Respirators for Use Against CBRN Agents and Guidelines for Their Use Discussion of Concepts for Standards for a Multi-Function PAPR  Affiliation Key  M Manufacturer U Union or Labor MI Military C C CDC P PPE User R Regulator A Academia O Other  16. I am satisfied with NPPTL's progress on the following topics. (Continued)  July 19, 2005  (0) No Basis to Judge (1) Strongly Disagree (2) Disagee (3) Neither SUM (4) Agree (5) Strongly A																																																		
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	NPPTL Customer Satisfaction Survey								
	OSH/NPPTL Public Meetings - July 19-20, 2005  r Approval of Respirators for Use Against CBRN Agents and Guidelines for Their Use								
	of Concepts for Standards for a Multi-Function PAPR								
·									
Affiliation Key  M Manufacturer U Union or Labor	MI Military C CDC								
P PPE User R Regulator	A Academia O Other								
17. I have a need for NPPTL to provide R&D testing for any of the re	equirements listed.								
July 19, 2005	July 20, 2005								
High flow particulate testing	High flow particulate testing								
Manufacturer - 4	Manufacturer - 5								
Battery indicator testing	PPE User - 1								
Manufacturer - 3	Other - 1								
Military - 1	Battery indicator testing								
Low Pressure indicator	Manufacturer - 3								
Manufacturer - 4	PPE User - 1								
Military - 1	Other - 1								
Live agent testing	Low Pressure indicator								
Manufacturer - 5	Manufacturer - 3								
Military - 1	PPE User - 1								
Other - 1	Other - 1								
High flow particulate testing	Live agent testing								
Manufacturer - 1	Manufacturer - 5								
Cold temperature	PPE User - 1								
Manufacturer - 3	Other - 1								
Military - 1	Simulant								
Other - 1	Manufacturer - 1								
Vibration conditioning	Other - 1								
Manufacturer - 2	Cold temperature								
Permeation	Manufacturer - 2								
Manufacturer - 2	Other - 1								
Other - 1	Vibration conditioning								
Total inward leakage	Manufacturer - 2								
Manufacturer - 2	Other - 1								

	NPP	TL Customer Satisfaction Survey
		NPPTL Public Meetings - July 19-20, 2005
Discussion o		proval of Respirators for Use Against CBRN Agents and Guidelines for Their Use
		Concepts for Standards for a Multi-Function PAPR
Affiliation Key		
M Manufacturer	U Union or Labor	MI Military C CDC
P PPE User	R Regulator	A Academia O Other
17. I have a need for NPPTL to provi		ements listed. (Continued)
July	<i>,</i> 19, 2005	July 20, 2005
Gas service life		Permeation
Manufacturer - 4		Manufacturer - 1
CO <sub>2</sub>		PPE User - 1
Manufacturer - 6		Other - 1
Military - 1		Total inward leakage
Other - 1		Manufacturer - 1
Anthropometrics		PPE User - 1
Manufacturer - 1		Other - 1
Human physiology		Gas Service Life
Manufacturer - 3		Manufacturer - 2
Military - 1		PPE User - 1
Other		Other - 1
Manufacturer - 1		CO <sub>2</sub>
Military - 1		Manufacturer - 1
Other Comments		PPE User - 1
Advise user via optical, voice,	vibration, or all three.	Other - 1
		Anthropometrics
		Manufacturer - 2
		Other - 1
		Human physiology
		Manufacturer - 2
		PPE User - 1
		Other - 1
		Other
		Manufacturer - 1
		Military - 1
		Other Comments
		Visor requirements, abrasion, impact resistant