Appendix I

AIR QUALITY WORKSHEETS

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CALCULATION WORKSHEET

Other Components

CLIENT Sunoco Pipeli	ne L.P. (SPLP)	JOB NUMBER	112IC05958.20	
SUBJECT Block Valv	e Calculations for an Emerge	I ency Fire Restricting Device (	(EFRD)	
	nission Estimate	·		
BASED ON SPLP Proc	ess and Instrumentation Dra	wings (P&IDs) DRAWING NUM	1BER	
BY	CHECKED BY			DATE
VJPlachy	AMO'Bradovich			9/14/2016
fugitiv		Maximum Daily, and Annual sed fittings, valves, relief valv on.	5	
Inputs and Assum	ptions:			
1. Component cour <u>Equip</u>	ment Counts:Fittings:43Valves:12Relief Valves:0Pump Seals:0	Other Components: Coriolis Meter Prover Composite Sampler Instruments Static Mixer Check Valves	$ \begin{array}{c} 0\\ 0\\ 4\\ 0\\ 0\\ 4\\ 0\\ 4\\ 4\\ 0\\ 4\\ \end{array} $	
EPA-453/R-95-0 3. Emission Leak F	17, November, 1995, Table : actors: Fittings: <u>8.00E-06</u> Valves: <u>4.30E-05</u> Relief Valves: <u>1.30E-04</u> Pump Seals: <u>5.40E-04</u>	USEPA Protocol for Equipm 2-3 for light liquid service. _kilogram per hour per comp kg/hr-component _kg/hr-component _kg/hr-component _kg/hr-component		
<ol> <li>5. The HAP conten</li> <li>6. The relief valves emitters.</li> <li>7. Butane, propane</li> <li>8. Number of atmost</li> </ol>	t as a result of the LPG (WT on any butane, propane, and , and ethane do not contain spheric relief valves on non-H (Cont) for as-built modificati	d ethane spheres/tanks that any HAPs. HAP spheres/tanks (N <sub>RVBPS</sub> ): ons during the construction p	release to the atmosp 0 R	Relief Valves
Using fittings EF <sub>Fittings_b/hr-component</sub> =	as an example: (EF <sub>kg/hr-component</sub> ) * (CF <sub>kg-g</sub> ) / <u>8.00E-06 <del>kg</del></u> 1,000 <del>g</del> hr-component 1 <del>kg</del> Equipment	component to lb/hr-compone (CF <sub>g-lb</sub> ) 1 lb = 1.76E-05 l 453.6 g Leak EF (lb/hr-component) 1.76E-05 9.48E-05 2.87E-04 1.19E-03		

2.87E-04

## CALCULATION WORKSHEET

		• -		PAGE	2 01 4.
CLIENT SUNOCO P	ipeline L.P. (SPLP)	JOB N	UMBER 11210	205958.20	
SUBJECT Block	/alve Calculations for an Eme	raency Fire Restricting [	Device (FFRD)		
2.00.	e Emission Estimate	rgency i ne restricting i			
BASED ON SPLP	Process and Instrumentation I	Drawings (P&IDs) DRAW	ING NUMBER		
		<b>0</b> ( )			
BY	CHECKED BY			DATE	
VJPlachy	AMO'Bradovich				9/14/201
Oslavlations (					
Calculations (C	voc Max Hourly ER in lb/hr				
	ngs as an example:	(CNVOCIb/hr).			
-					
ER <sub>Fittings-VOClb/r</sub>	$r_{rr} = (EF_{lb/hr-component}) * (EC_{Fittin})$	<sub>gs</sub> )			
	= 1.76E-05 lb 43	components = 7.58	E-04 lb VOCs	s/hr	
	hr- <del>component</del>				
	Equipment	Leak EF	Equipment	VOC Max Hourly	1
	Туре	(lb/hr-component)	Count	(lb/hr)	
	Fittings	1.76E-05	43	7.58E-04	
	Valves	9.48E-05	12	1.14E-03	
	Relief Valves to atm	2.87E-04	0	N/C	
	Pump Seals Other Components	1.19E-03 2.87E-04	0 4	N/C 1.15E-03	
	Other Components	2.07 2-04	TOTAL:		
				0.0.12.00	8
	= 2.87E-04 lb hr- <del>component</del> 0 -	0 comp * 5.86 wt	% <u>1 Dec</u> E	= 0.00E+00	lb HAPs/hr
	nr- <del>component</del>		100 ₩	<del>[%</del>	
	e ER for HAPs in lb/hr (ER <sub>HAP</sub> ngs as an example:	<sub>b/hr</sub> ) for the fittings, valve	es, and other co	omponents.	
ER <sub>Fittings-HAPIb/h</sub>	$rr = (ER_{Fittings-VOClb/hr}) * (WT\%)$	<sub>HAP</sub> ) / (CF <sub>%-DecEq</sub> )			
	= 7.58E-04 lb 5.86 %	→ 1 <del>DecEq</del> = 4 100 <del>wt%</del>	.44E-05 lb HA	\Ps/hr	
	Equipment	HAP Max Hourly			
	Туре	(lb/hr)			
	Fittings	4.44E-05			
	Valves	6.67E-05 N/C			
	Relief Valves to atm Pump Seals	N/C N/C			
	Other Components	6.72E-05			
	TOTAL				

## 

	ION WORKSHEET							4.
LIENT Sunoco	Pipeline L.P. (SPLP)		JOB NUMBER	112IC0	5958.20			
JBJECT Block	Valve Calculations for an Er	nergency Fire Restr	icting Device (	EFRD)				
Fugiti	ve Emission Estimate		_					
SED ON SPLF	Process and Instrumentatio	n Drawings (P&IDs)	DRAWING NUM	BER				
(	CHECKED BY					DATE		
JPlachy	AMO'Bradovio	ch						9/14/20
<b>Calculations</b>	(Continued):							
5. Calculate th	ne Max Daily ER for VOCs a	nd HAPs in Ib/day (E	R <sub>VOC-lb/day</sub> )					
Using fit	tings VOCs as an example:		·					
ER <sub>FittingsVOC-lb/</sub>	<sub>day</sub> = (ER <sub>Fittings-VOClb/hr</sub> ) * (CF	hr-day)						
	= 7.58E-04 lb 24	hr = 1.82E-02 lb	/hr					
	<u>hr</u> da		/111					
	Equipment	Max Daily (lb/ VOC	day) HAP					
	<b>Type</b> Fittings		07E-03					
	Valves		60E-03					
	Relief Valve to atm	N/C	N/C					
	Pump Seals	N/C	N/C					
	Other Components	2.75E-02 1.	61E-03					
	TOTAL	7.30E-02 4.	28E-03					
6. Calculate the	ne Annual ER for VOCs in tp	y (ER <sub>∨OC⁻tpy</sub> ).						
		y (ER <sub>∨OC⁻tpy</sub> ).						
Using fit	tings as an example:		)//05	\				
Using fit			<sub>DecEq</sub> ) / (CF <sub>lb-tor</sub>	s)				
Using fit	tings as an example:	<sub>hr-yr</sub> ) * (OSF) / (CF <sub>%-[</sub>	<sub>DecEq</sub> ) / (CF <sub>lb-tor</sub>	<sub>.s</sub> ) 1 t	= 3.32E	E-03 tpy '	VOCs	
Using fit	tings as an example: <sub>-tpy</sub> = (ER <sub>FittingsVOC-lb/hr</sub> ) * (CF <sub>I</sub>	<sub>hr-yr</sub> ) * (OSF) / (CF <sub>%-[</sub> )	DecEq			E-03 tpy '	VOCs	
Using fit	tings as an example: $T_{tpy} = (ER_{FittingsVOC-lb/hr}) * (CF_{1})$ $= \boxed{7.58E-04 + B 8,760}{hr} yr$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) <u>hr</u> 100 % 1 100	DecEq % 2	<u>1 t</u> ,000 <del>Ib</del>		E-03 tpy '	VOCs	
Using fit	tings as an example: $_{tpy} = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) = \frac{7.58E-04}{hr} = \frac{8,760}{yr}$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) <u>hr</u> 100 % 1 100 VOC Max Hourly	DecEq%2VOC Annual	<u>1 t</u> ,000 <del>lb</del> <b>Average</b>		-03 tpy <sup>v</sup>	VOCs	
Using fit	tings as an example: theta = (ER <sub>FittingsVOC-lb/hr</sub> ) * (CF <sub>I</sub> ) = 7.58E-04 b 8,760 hr yr Equipment Type	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) <u>hr</u> 100 % 1 100	DecEq % 2	<u>1 t</u> ,000 <del>lb</del> Average		E-03 tpy '	VOCs	
Using fit	tings as an example: $_{tpy} = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) = \frac{7.58E-04}{hr} = \frac{8,760}{yr}$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) <u>hr</u> 100 % <u>1</u> 100 VOC Max Hourly (lb/hr)	DecEq % 2 VOC Annua (tpy	<u>1 t</u> ,000 <del>lb</del>   <b>Average</b>  ) -03		E-03 tpy '	VOCs	
Using fit	tings as an example: -tpy = (ER <sub>FittingsVOC-lb/hr</sub> ) * (CF <sub>1</sub> = 7.58E-04 + 8,760 hr yr Equipment Type Fittings	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04	DecEq         2           %         2           VOC Annua         (tpy)           3.32E	<u>1 t</u> ,000 <del>lb</del> Average ) -03 -03		5-03 tpy '	VOCs	
Using fit	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) \\ = 7.58E-04 \\ \hline Hr \\ S,760 \\ \hline hr \\ yr \\ \hline \\ \hline \\ Fittings \\ \hline \\ Valves \\ \hline \\ Relief Valves to atm \\ \hline \\ Pump Seals \\ \hline \end{array}$	hr-yr) * (OSF) / (CF <sub>%-1</sub> ) hr 100 % 1 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C N/C	DecEq         2           %         2           VOC Annua         (tpy)           3.32E         4.98E           N/C         N/C	1 t ,000 lb Average ) -03 -03 ; ;		E-03 tpy '	VOCs	
Using fit	tings as an example: try = (ER <sub>FittingsVOC-lb/hr</sub> ) * (CF <sub>1</sub> ) = 7.58E-04 Hb 8,760 hr yr Equipment Type Fittings Valves Relief Valves to atm	hr-yr) * (OSF) / (CF <sub>%-1</sub> hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C N/C 1.15E-03	DecEq         2           %         2           VOC Annual         (tpy)           3.32E         4.98E           N/C         N/C           5.02E         5.02E	1 t ,000 lb Average ) -03 -03 -03 -03 -03 -03		E-03 tpy '	VOCs	
Using fit	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) \\ = 7.58E-04 \\ \hline Hr \\ S,760 \\ \hline hr \\ yr \\ \hline \\ \hline \\ Fittings \\ \hline \\ Valves \\ \hline \\ Relief Valves to atm \\ \hline \\ Pump Seals \\ \hline \end{array}$	hr-yr) * (OSF) / (CF <sub>%-1</sub> ) hr 100 % 1 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C N/C	DecEq         2           %         2           VOC Annual         (tpy)           3.32E         4.98E           N/C         N/C           5.02E         5.02E	1 t ,000 lb Average ) -03 -03 -03 -03 -03 -03		5-03 tpy '	VOCs	
Using fit ER <sub>Fittings</sub> voc	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{l}) \\ = 7.58E-04 \ lb 8,760 \\ \hline hr yr \\ \hline \\ \hline \\ Fittings \\ \hline \\ \hline \\ Fittings \\ \hline \\ Valves \\ \hline \\ Relief Valves to atm \\ \hline \\ Pump Seals \\ \hline \\ Other Components \\ \hline \end{array}$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C N/C 1.15E-03 TOTAL	DecEq         2           %         2           VOC Annua         (tpy           3.32E         4.98E           N/C         N/C           5.02E         1.33E	1 t ,000 lb Average ) -03 -03 -03 -03 -03 -03 -03 -03				ne or
Using fit ER <sub>FittingsVOC</sub> 7. Calculate th	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) \\ = 7.58E-04 \\ \hline Hr \\ S,760 \\ \hline hr \\ yr \\ \hline \\ \hline \\ Fittings \\ \hline \\ Valves \\ \hline \\ Relief Valves to atm \\ \hline \\ Pump Seals \\ \hline \end{array}$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C N/C 1.15E-03 TOTAL	DecEq         2           %         2           VOC Annua         (tpy           3.32E         4.98E           N/C         N/C           5.02E         1.33E	1 t ,000 lb Average ) -03 -03 -03 -03 -03 -03 -03 -03				ne or
Using fit ER <sub>Fittings</sub> voc 7. Calculate th propane sp	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) \\ = 7.58E-04 \\ \hline hr \\ yr \\ \hline \\ \hline \\ Fittings \\ \hline \\ Fittings \\ \hline \\ Valves \\ \hline \\ Relief Valves to atm \\ \hline \\ Pump Seals \\ \hline \\ Other Components \\ \hline \\ terms \\ Fittings \\ \hline \\ Type \\ \hline \\ Type \\ \hline \\ Type \\ \hline \\ Type \\ Type \\ Type \\ \hline \\ Type \\ $	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C 1.15E-03 TOTAL HAPtpy) for the relief v	DecEq         2           %         2           VOC Annual (tpy           3.32E           4.98E           N/C           5.02E           1.33E           valve to atmos	1 t ,000 lb Average ) -03 -03 -03 -03 -03 -03 -03 -03				ne or
Using fit ER <sub>Fittings</sub> voc 7. Calculate th propane sp	tings as an example: $\begin{array}{r} tings as an example: \\ tings = (ER_{FittingsVOC-lb/hr}) * (CF_{II}) \\ = 7.58E-04 \\ Hr \\ S,760 \\ hr \\ yr \\ \hline \hline \\ \hline $	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C 1.15E-03 TOTAL HAPtpy) for the relief M ) * (OSF) / (CF <sub>%-Dece</sub>	DecEq         2           %         2           VOC Annual (tpy           3.32E           4.98E           N/C           5.02E           1.33E           valve to atmos           (c)           (c)	1         t           ,000         Ib           Average           -03           -04           -05           -06           -07	s is in add	ition to the	e buta	ne or
Using fit ER <sub>Fittings</sub> voc 7. Calculate th propane sp	tings as an example: $\begin{array}{r} t_{tpy} = (ER_{FittingsVOC-lb/hr}) * (CF_{l}) \\ = \hline 7.58E-04 & 10 \\ \hline hr & yr \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \hline \\ \hline \\ \hline \\ \hline \\ \hline \hline \\ \hline \hline \\ \hline \hline \\ \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline$	hr-yr) * (OSF) / (CF <sub>%-[</sub> ) hr 100 % 1 100 VOC Max Hourly (lb/hr) 7.58E-04 1.14E-03 N/C 1.15E-03 TOTAL HAPtpy) for the relief M ) * (OSF) / (CF <sub>%-Dece</sub>	DecEq         2           %         2           VOC Annual (tpy           3.32E           4.98E           N/C           5.02E           1.33E           valve to atmos           (c)           (c)	1         t           ,000         Ib           Average           -03           -04           -05           -06           -07	s is in add	ition to the	e buta	ne or

CALCULATION WORKSHEET

PAGE 4 of 4.

CLIENT S	unoco Pipeline L.P. (SPLP)	JOB NUI	MBER 112IC05	5958.20	
SUBJECT	Block Valve Calculations for an Emergency I	Fire Restricting De	evice (EFRD)		
	Fugitive Emission Estimate				
BASED ON	SPLP Process and Instrumentation Drawing	s (P&IDs)	IG NUMBER		
BY	CHECKED BY			DATE	
VJPlachy	AMO'Bradovich				9/14/2016
<u>Calcula</u> 8. Calc U	ations (Continued):sulate the ER for HAPs in tpy (ER <sub>HAPtpy</sub> ) for fittIsing fittings as an example:ttings-HAPtpy = (ER <sub>Fittings-VOCtpy</sub> ) * (WT% <sub>HAP</sub> ) / (CF= $3.32E-03 ton 5.86 wt% 1yearIntersection of the section of t$	-DecEq       =         DecEq       =         D %       =         P Annual	other componer 1.95E-04 tpy H		
U	TOTAL: 7. rporate the contingency into Maximum Hourly sing Maximum Hourly as an example:		age VOC fugitive	es (TF <sub>VOCMax-Ann</sub> ).	
U	Other Components 2 TOTAL: 7 rporate the contingency into Maximum Hourly	.94E-04 . <b>81E-04</b> and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )]			
U	Other Components2TOTAL:7rporate the contingency into Maximum HourlyIsing Maximum Hourly as an example: $CMaxHrly-lb/hr = (ER_{TOTAL-VOClb/hr}) * [(1) + (Cont%))$ = $3.04E-03$ lb hr1+20 %1 100	.94E-04 . <b>81E-04</b> and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )] DecEq 0 %			
U	Other Components2TOTAL:7Total:7rporate the contingency into Maximum Hourly Ising Maximum Hourly as an example: $CMaxHrly-lb/hr = (ER_{TOTAL-VOClb/hr}) * [(1) + (Cont%))$ = $3.04E-03$ lb hr1 + 20 % 1 1000000000000000000000000000000000000	.94E-04 . <b>81E-04</b> and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )] DecEq ) %			
U	Other Components2TOTAL:7Total: <t< td=""><td>.94E-04 .<b>81E-04</b> and Annual Avera ) / (CF<sub>%-Dec Eq</sub>)] DecEq 0 %</td><td></td><td></td><td></td></t<>	.94E-04 . <b>81E-04</b> and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )] DecEq 0 %			
U	Other Components2TOTAL:7Total:7Total:7Total:7Total:7Image: Components1Image: Componen	.94E-04 .81E-04 and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )] DecEq ) % E TF <sub>voc</sub>			
U	Other Components2TOTAL:7TOTAL:7Total:7rporate the contingency into Maximum Hourly sing Maximum Hourly as an example: : :MaxHrly-lb/hr= $(ER_{TOTAL-VOClb/hr}) * [(1) + (Cont%)]$ = $3.04E-03$ lb hr1 + 20 % 1 100= $3.04E-03$ lb hr1 + 20 % 1 100VOC Fugitive Emission Rate TypeER Max Hourly (lb/hr)0.0030.003	.94E-04 .81E-04 and Annual Avera ) / (CF <sub>%-Dec Eq</sub> )] DecEq D % E TF <sub>voc</sub> 0.004			
U TF <sub>voc</sub> 10. Inco U	Other Components2TOTAL:7TOTAL:7Total: <t< td=""><td><math display="block">\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \\ and Annual Avera \\ ) / (CF_{\%-Dec Eq})] \\ \hline \\ </math></td><td>3.65E-03 Ib VC</td><td>DCs/hr gitives (TF<sub>HAPMaxHrl</sub></td><td>y).</td></t<>	$\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \\ and Annual Avera \\ ) / (CF_{\%-Dec Eq})] \\ \hline \\ $	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).
U TF <sub>voc</sub> 10. Inco U	Other Components       2         TOTAL:       7         Total:       1         Total:       1       1         Total:       1 <th1< th=""> <td><math display="block">\begin{array}{c} .94E-04 \\ \hline .81E-04 \\ \hline .81E-04 \\ \hline \ .81E-04 \\ \hline \</math></td><td>3.65E-03 Ib VC</td><td>DCs/hr gitives (TF<sub>HAPMaxHrl</sub></td><td>y).</td></th1<>	$\begin{array}{c} .94E-04 \\ \hline .81E-04 \\ \hline .81E-04 \\ \hline \ .81E-04 \\ \hline \$	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).
U TF <sub>voc</sub> 10. Inco U	Other Components2TOTAL:7TOTAL:7Total: <t< td=""><td><math display="block">\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \ and Annual Avera \\ and Annual Avera \\ ) / (CF_{\%-Dec Eq})] \\ \hline \hline DecEq \\ 0 \% \\ \hline \hline \\ e \\ \hline TF_{voc} \\ 0.004 \\ 0.09 \\ 0.02 \\ \hline \\ and Annual Avera \\ 0 .09 \\ 0.02 \\ \hline \\ and Annual Avera \\ 0 .09 \\ \hline 0 .09 \\ \hline \\ 0 .09 \\ \hline 0 .09 \\ \hline \\ 0 .09 \\ \hline 0 .09 </math></td><td>3.65E-03 Ib VC</td><td>DCs/hr gitives (TF<sub>HAPMaxHrl</sub></td><td>y).</td></t<>	$\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \ and Annual Avera \\ and Annual Avera \\ ) / (CF_{\%-Dec Eq})] \\ \hline \hline DecEq \\ 0 \% \\ \hline \hline \\ e \\ \hline TF_{voc} \\ 0.004 \\ 0.09 \\ 0.02 \\ \hline \\ and Annual Avera \\ 0 .09 \\ 0.02 \\ \hline \\ and Annual Avera \\ 0 .09 \\ \hline 0 .09 \\ \hline \\ 0 .09 \\ \hline 0 .09 \\ \hline \\ 0 .09 \\ \hline 0 .09 $	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).
U TF <sub>voc</sub> 10. Inco U	Other Components2TOTAL:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Sing Maximum Hourly as an example:Total:1 <tr< td=""><td><math display="block">\begin{array}{c} .94E-04 \\ \hline .81E-04 \\ \hline .81E-04 \\ \hline \ .81E-04 \\ \hline \</math></td><td>3.65E-03 Ib VC</td><td>DCs/hr gitives (TF<sub>HAPMaxHrl</sub></td><td>y).</td></tr<>	$\begin{array}{c} .94E-04 \\ \hline .81E-04 \\ \hline .81E-04 \\ \hline \ .81E-04 \\ \hline \$	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).
U TF <sub>voc</sub> 10. Inco U	Other Components2TOTAL:7TOTAL:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Total:7Sing Maximum Hourly (Ib/hr)1Total: <th1< th="">Total:1&lt;</th1<>	$\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \ .81E-04 \\ \hline \$	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).
U TF <sub>voc</sub> 10. Inco U	Other Components2TOTAL:7TOTAL:7Total: <t< td=""><td><math display="block">\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \ .81E-04 \\ \hline \</math></td><td>3.65E-03 Ib VC</td><td>DCs/hr gitives (TF<sub>HAPMaxHrl</sub></td><td>y).</td></t<>	$\begin{array}{c} .94E-04 \\ .81E-04 \\ \hline \ .81E-04 \\ \hline \$	3.65E-03 Ib VC	DCs/hr gitives (TF <sub>HAPMaxHrl</sub>	y).

