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### Lampiran 1. Data Dasar Hasil Penelitian

No	Operator SPBU	Usia	Ambang (A)		Terkecil	Diskriminasi (D)		Terkecil	Identifikasi (I)		Terkecil	Total (ADI) Kanan	Total (ADI) Kiri	ADI Terkecil	Fungsi Penghidu	Lama Kerja	Jenis Kelamin
			Kanan	Kiri		Kanan	Kiri		Kanan	Kiri					1. $\leq 15$ (Anosmia) 2. 16-29 (Hiposmia) 3. $\geq 30$ (Normosmia)		
1	M	22 th	13,25	7	7	11	6	6	10	6	6	34,25	19	19	2	3 6 bulan	Perempuan
2	DI	40 th	7,75	8,25	7,75	7	8	7	8	9	8	22,75	25,25	22,75	2	48 tahun	Laki-laki
3	SF	35 th	7,5	9,25	7,5	10	9	9	8	8	8	25,5	26,25	24,5	2	36 bulan	Perempuan
4	E	32 th	8,25	13,25	8,25	6	11	6	6	10	6	20,25	34,25	20,25	2	24 bulan	Perempuan
5	S	36 th	6,75	8,25	6,75	8	9	8	8	9	8	22,75	26,25	22,75	2	48 bulan	Laki-laki
6	DM	33 th	4,5	2,5	2,5	5	3	3	10	8	8	19,5	13,25	13,5	1	72 bulan	Laki-laki
7	RS	20 th	13,5	13,5	13,5	12	11	11	9	9	9	34,5	33,5	33,5	3	8 bulan	Perempuan
8	H	31 th	13,5	14,5	13,5	12	11	11	10	10	10	35,5	35,5	34,5	3	7 bulan	Laki-laki
9	M	27 th	12,75	13,75	12,75	9	10	9	11	10	10	32,75	33,75	31,75	3	9 bulan	Laki-laki
10	RT	28 th	13,25	13,5	13,25	11	11	11	9	10	9	33,25	34,5	33,25	3	7 bulan	Perempuan
11	S	33 th	13	12,75	12,75	12	11	11	9	9	9	34	32,75	32,75	3	12 bulan	Laki-laki
12	DS	38 th	9,25	9,5	9,25	9	10	9	8	7	7	26,25	26,5	25,25	2	48 bulan	Laki-laki
13	TS	34 th	5,75	7,25	5,75	5	6	5	5	4	4	15,75	17,25	14,75	1	48 bulan	Laki-laki
14	TS	36 th	8,25	4	4	6	5	5	4	3	3	18,25	12	12	1	72 bulan	Laki-laki
15	KS	21 th	13,25	13,75	13,25	12	13	12	10	11	10	35,25	37,75	35,25	3	9 bulan	Perempuan
16	I	31 th	4,5	1	1	4	3	3	9	11	9	19,5	13	13	1	60 bulan	Laki-laki
17	G	37 th	2	5	2	3	4	3	10	13	10	15	22	15	1	96 bulan	Laki-laki
18	SR	33 th	14	7,5	7,5	8	6	6	11	8	8	33	21,5	21,5	2	48 bulan	Perempuan
19	Z	28 th	2,5	2	2	4	3	3	10	8	8	16,5	13	13	1	60 bulan	Perempuan
20	DP	38 th	1	7,5	1	6	4	4	11	8	8	18	18,5	13	2	36 bulan	Laki-laki



No	Non Operator SPBU	Usia	Ambang (A)		Terkecil	Diskriminasi (D)		Terkecil	Identifikasi (I)			Total (ADI) Kanan	Total (ADI) Kiri	ADI Terkecil I	Fungsi Penghidu	Lama kerja	Jenis Kelamin
			Kanan	Kiri		Kanan	Kiri		Kanan	Kiri	Terkecil				1. $\leq 15$ (Anosmia) 2. 16-29 (Hiposmia) 3. $\geq 30$ (Normosmia)		
1	A	38 th	14	14,5	14	11	10	10	11	8	8	36	32,5	32	3	48 bulan	Perempuan
2	Y	34 th	13,5	14	13,5	9	8	8	10	11	10	32,5	33	31,5	3	60 bulan	Perempuan
3	MP	40 th	13	13,25	13	9	10	9	12	13	12	34	36,25	34	3	60 bulan	Laki-laki
4	MS	39 th	12	11,5	11,5	9	8	8	12	11	11	33	30,5	30,5	3	48 bulan	Laki-laki
5	S	40 th	11,25	9,25	9,25	10	12	10	14	14	14	35,25	35,25	33,25	3	48 bulan	Laki-laki
6	S	30 th	11,75	13,25	11,75	10	10	10	10	9	9	30,75	32,25	30,75	3	48 bulan	Laki-laki
7	BS	37 th	13	13	13	10	12	10	7	12	7	30	37	30	3	72 bulan	Laki-laki
8	D	34 th	13	13	13	12	13	12	9	10	9	34	36	34	3	36 bulan	Perempuan
9	S	29 th	13,5	14	13,5	8	9	8	10	10	10	31,5	33	31,5	3	24 bulan	Perempuan
10	A	31 th	13,25	13,5	13,25	12	10	10	11	9	9	36,25	32,5	32,25	3	36 bulan	Perempuan
11	H	33 th	13,5	13	13	11	13	11	9	9	9	33,5	35	33	3	12 bulan	Perempuan
12	M	40 th	14	13,5	13,5	12	10	10	10	10	10	36	33,5	33,5	3	72 bulan	Perempuan
13	A	38 th	12,5	12,25	12,25	12	9	9	10	10	10	34,5	32,25	31,25	3	48 bulan	Perempuan
14	KS	30 th	13,5	14,5	13,5	10	12	10	9	10	9	32,5	36,5	32,5	3	24 bulan	Perempuan
15	T	27 th	14,5	13,5	13,5	12	10	10	10	9	9	36,5	32,5	32,5	3	36 bulan	Perempuan
16	TS	34 th	12,5	14,5	12,5	10	13	10	9	10	9	31,5	37,5	31,5	3	36 bulan	Perempuan
17	J	35 th	13,5	12,5	12,5	12	10	10	9	10	9	34,5	32,5	31,5	3	12 bulan	Perempuan
18	AS	37 th	13,5	13,5	13,5	11	12	11	9	10	9	33,5	35,2	33,5	3	60 bulan	Perempuan
19	YS	28 th	13	13,5	13	11	12	11	10	10	10	34	35,5	34	3	48 bulan	Perempuan
20	S	34 th	13,5	13,5	13,5	11	12	11	9	10	9	33,5	35,5	33,5	3	36 bulan	Perempuan

Nilai Transpor Mukosiliar

No	Operator SPBU	Nilai TMS	Non Operator SPBU	Nilai TMS
1	M	10,24	A	8,15
2	DI	10,15	Y	7,20
3	SF	11,28	MP	6,50
4	E	11,52	MS	7,21
5	S	12,30	S	8,14
6	DM	15,10	S	7,30
7	RS	8,13	BS	7,11
8	H	8,50	D	8,23
9	M	8,17	S	7,45
10	RT	8,23	A	8,32
11	S	8,10	H	7,15
12	DS	12,24	M	6,20
13	TS	14,32	A	6,50
14	TS	13,50	KS	7,35
15	KS	8,14	T	8,10
16	I	15,25	TS	7,34
17	G	14,53	J	6,27
18	SR	12,35	AS	7,35
19	Z	16,23	YS	7,18
20	DP	14,15	S	8,27

## Lampiran 2. Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN  
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
KOMITE ETIK PENELITIAN KESEHATAN  
RSPTN UNIVERSITAS HASANUDDIN  
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR  
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu  
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.  
Contact Person: dr. Agussalim Bukhari.,M.Med.,Ph.D., SpGK TELP. 081241850858, 0411 5780103. Fax : 0411-581431



### REKOMENDASI PERSETUJUAN ETIK

Nomor : 689/UN4.6.4.5.31/ PP36/ 2020

Tanggal: 26 Oktober 2020

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH20090502		No Sponsor	
Peneliti Utama	dr. Rahmat Hidayat		Sponsor	
Judul Peneliti	Pemeriksaan Fungsi Penghidu dan Transpor Mukosiliar Pada Pekerja Stasiun Pengisian Bakar Umum (SPBU) di Makassar			
No Versi Protokol	2	Tanggal Versi	21 Oktober 2020	
No Versi PSP	2	Tanggal Versi	21 Oktober 2020	
Tempat Penelitian	SPBU di Wilayah Kota Makassar			
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal		Masa Berlaku	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)		26 Oktober 2020 sampai 26 Oktober 2021	Tanda tangan
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)			Tanda tangan

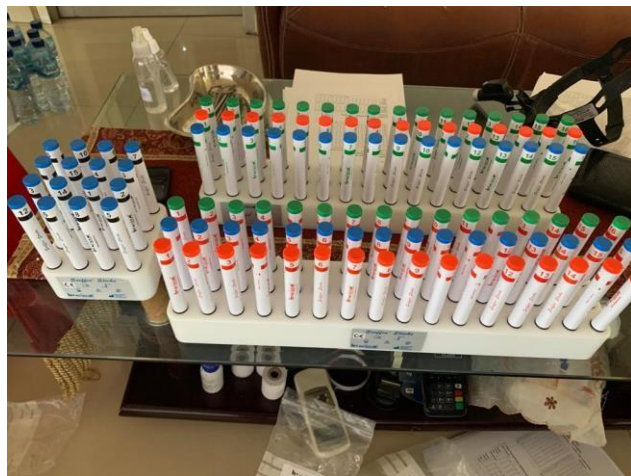
Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

### Lampiran 3. Dokumentasi Penelitian



Pemeriksaan Fisik Pekerja SPBU



Alat Pemeriksaan Sniffing Sticks Test



SPBU jl. Bawakaraeng, Makassar



SPBU Maros

## Lampiran 4. Uji Statistik mrrnggunakan SPSS

### Tests of Normality

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
pekerja		Statistic	df	Sig.	Statistic	df	Sig.
TMS	operator	.169	20	.138	.907	20	.055
	non-operator	.164	20	.166	.908	20	.059
Tot_kecil	operator	.166	20	.151	.885	20	.021
	non-operator	.147	20	.200*	.940	20	.237

### Descriptives

Pekerja				Statistic	Std. Error
TMS	operator	Mean		11.6215	.62326
		95% Confidence Interval for Mean	Lower Bound	10.3170	
			Upper Bound	12.9260	
		5% Trimmed Mean		11.5611	
		Median		11.8800	
		Variance		7.769	
		Std. Deviation		2.78731	
		Minimum		8.10	
		Maximum		16.23	
		Range		8.13	
		Interquartile Range		5.98	
		Skewness		.029	.512
		Kurtosis		-1.413	.992
		non-operator	Mean		7.3660

		95% Confidence Interval for Mean	Lower Bound	7.0530	
			Upper Bound	7.6790	
		5% Trimmed Mean		7.3778	
		Median		7.3200	
		Variance		.447	
		Std. Deviation		.66879	
		Minimum		6.20	
		Maximum		8.32	
		Range		2.12	
		Interquartile Range		1.01	
		Skewness		-.127	.512
		Kurtosis		-.829	.992
Tot_kecil	operator	Mean		22.5625	1.87924
		95% Confidence Interval for Mean	Lower Bound	18.6292	
			Upper Bound	26.4958	
		5% Trimmed Mean		22.4444	
		Median		22.1250	
		Variance		70.631	
		Std. Deviation		8.40421	
		Minimum		12.00	
		Maximum		35.25	
		Range		23.25	
		Interquartile Range		18.69	

	Skewness		.258	.512
	Kurtosis		-1.468	.992
non-operator	Mean		32.3250	.27691
	95% Confidence Interval for Mean	Lower Bound	31.7454	
		Upper Bound	32.9046	
	5% Trimmed Mean		32.3611	
	Median		32.3750	
	Variance		1.534	
	Std. Deviation		1.23837	
	Minimum		30.00	
	Maximum		34.00	
	Range		4.00	
	Interquartile Range		2.00	
	Skewness		-.185	.512
	Kurtosis		-1.084	.992

## Mann-Whitney Test

		Ranks		
	jenis_spbu	N	Mean Rank	Sum of Ranks
Tot_kecil	A	20	21.33	426.50
	B	20	19.68	393.50
	Total	40		
TMS	A	20	20.30	406.00
	B	20	20.70	414.00
	Total	40		



## Kruskal-Wallis Test

Ranks			
	Fx	N	Mean Rank
TMS	<=15 Anosmia	6	37.33
	16-29 Hiposmia	8	30.63
	>=30 Normosmia	26	13.50
	Total	40	
Lama_bln	<=15 Anosmia	6	36.00
	16-29 Hiposmia	8	25.88
	>=30 Normosmia	26	15.27
	Total	40	

## Nonparametric Correlations

			TMS	Lama_bln	Tot_kecil
Spearman's rho	TMS	Correlation Coefficient	1.000	.563**	-.620**
		Sig. (2-tailed)	.	.000	.000
		N	40	40	40
	Lama_bln	Correlation Coefficient	.563**	1.000	-.663**
		Sig. (2-tailed)	.000	.	.000
		N	40	40	40
	Tot_kecil	Correlation Coefficient	-.620**	-.663**	1.000
		Sig. (2-tailed)	.000	.000	.
		N	40	40	40