

BI – MONTHLY NOISE MONITORING INSIDE THE REFINERY					
(Day timing- 8.30 AM to 4.30 PM and Night timing –9.00 PM to 6.00 AM )					
FOR THE MONTH OF : MAY 2017 , DATE OF MONITORING : 22 05.2017					
NOISE LEVEL IN dB(A)					
AREA	SI NO.	CENTRAL LOCATION	Observed value dB(A)		Standard dB (A)
			Day	Night	
CDU	1	Field Cabin (inside)	64.1	60.2	90 for 8 hrs 92 for 6 hrs.
	2	Crude Booster Pump Area - 001 A	98.6	97.3	
DCU	3	Field Cabin	54.3	51.8	
	4	LPG Compressor	84.9	81.3	
HCU	5	Field Cabin(Inside)	68.6	65.2	
	6	Near RGC Area	93.4	91.9	
H2U	7	Field Cabin (Inside)	65.2	62.4	
	8	PSA area	90.7	89.9	
SRB	9	Field Cabin (Inside)	52.7	51.2	
	10	Control Room (Inside)	43.4	42.9	
PH#1(OM&S)	11	Field Cabin (Inside)	63.4	61.7	
PH#3(OM&S)	12	Field Cabin (Inside)	60.8	58.9	
CPP	13	Control Room (Inside)	58.2	56.7	
	14	Field Cabin (Inside)	57.7	55.2	
	15	Instrumentation Room	75.7	73.4	
	16	Air Compressor (Utility)	88.2	87.3	
N2 Plant/Compressor	17	Control Room (Inside)	55.2	52.3	
	18	Compressor House	94.8	92.3	
DM Plant	19	Field Cabin (Inside)	56.8	54.2	

FWPH	20	Control Room (Inside)	58.4	56.3		
ETP	21	Disposal Pump House	79.9	77.3		
	22	Control Room (Inside)	61.4	60		
CCU	23	Control Room (Inside)	61.8	59.3		
	24	Near BFW	80.1	78.9		
	25	Near Air Blower	82.2	80.4		
MSP	26	Field Cabin	54.5	52.2		
	27	Near Compressor House	87.2	85.9		
	28	Near Furnace Area	95.9	94.6		
WAX PLANT	29	Pump 304 A	87.2	86.1		
	30	Pump 304 B	86.2	84.1		
	31	Office Cabin	52.3	50.1		
	32	Filed Cabin	55.2	51.3		
AMBIENT AIR :-						
AREA	SI NO.	LOCATION	Observed value dB(A)		Standard dB(A)	
			Day	Night		
LAB	33	Inside Lab Building	67.8	65.2	90	
	34	Near Laboratory	77.2	75.4		
IT Dept	35	Server Room	45.6	42.2		
Adm Building	36	Near AC Room	50.3	48.2		
	37	Near Adm Building	54.5	52.3		
Watch Tower No. 1	38	Near W.T.No.1	54.3	53.1		
Flare Area	39	Near Flare Area	57.4	55.2		
Central Control Room	40	Infront of CCR	74.2	70.2		
VKNRL Hospital	41	Hospital Premises	60.5	59.2		
DPS	42	DPS Premises	50.1	48.2		
Note : The sound level exceeding the limits in CDU-VDU Crude Booster pump area, Air Compressor area ,RGC Area . Use of PPE like - ear plug, muff etc. is to be ensured while working in these location.						

BI – MONTHLY NOISE MONITORING INSIDE THE REFINERY					
(Day timing- 8.30 AM to 4.30 PM and Night timing –9.00 PM to 6.00 AM )					
FOR THE MONTH OF : JULY, 2017 , DATE OF MONITORING : 18.07.2017					
NOISE LEVEL IN dB(A)					
AREA	SI NO.	CENTRAL LOCATION	Observed value dB(A)		Standard dB (A)
			Day	Night	
CDU	1	Field Cabin (inside)	64.1	60.2	90 for 8 hrs 92 for 6 hrs.
	2	Crude Booster Pump Area - 001 A	98.6	97.3	
DCU	3	Field Cabin	54.3	51.8	
	4	LPG Compressor	84.9	81.3	
HCU	5	Field Cabin(Inside)	68.6	65.2	
	6	Near RGC Area	93.4	91.9	
H2U	7	Field Cabin (Inside)	65.2	62.4	
	8	PSA area	90.7	89.9	
SRB	9	Field Cabin (Inside)	52.7	51.2	
	10	Control Room (Inside)	43.4	42.9	
PH#1(OM&S)	11	Field Cabin (Inside)	63.4	61.7	
PH#3(OM&S)	12	Field Cabin (Inside)	60.8	58.9	
CPP	13	Control Room (Inside)	58.2	56.7	
	14	Field Cabin (Inside)	57.7	55.2	
	15	Instrumentation Room	75.7	73.4	
	16	Air Compressor (Utility)	88.2	87.3	
N2 Plant/ Compressor	17	Control Room (Inside)	55.2	52.3	
	18	Compressor House	94.8	92.3	
DM Plant	19	Field Cabin (Inside)	56.8	54.2	
FWPH	20	Control Room (Inside)	58.4	56.3	
ETP	21	Disposal Pump House	79.9	77.3	
	22	Control Room (Inside)	61.4	60	
CCU	23	Control Room (Inside)	61.8	59.3	
	24	Near BFW	80.1	78.9	
	25	Near Air Blower	82.2	80.4	
MSP	26	Field Cabin	54.5	52.2	
	27	Near Compressor House	87.2	85.9	
	28	Near Furnace Area	95.9	94.6	

WAX PLANT	29	Pump 304 A	87.2	86.1		
	30	Pump 304 B	86.2	84.1		
	31	Office Cabin	52.3	50.1		
	32	Filed Cabin	55.2	51.3		
AMBIENT AIR :-						
AREA	SI NO.	LOCATION	Observed value dB(A)		Standard dB(A)	
			Day	Night		
LAB	33	Inside Lab Building	67.8	65.2	90	
	34	Near Laboratory	77.2	75.4		
IT Dept	35	Server Room	45.6	42.2		
Adm Building	36	Near AC Room	50.3	48.2		
	37	Near Adm Building	54.5	52.3		
Watch Tower No. 1	38	Near W.T.No.1	54.3	53.1		
Flare Area	39	Near Flare Area	57.4	55.2		
Central Control Room	40	Infront of CCR	74.2	70.2		
VKNRL Hospital	41	Hospital Premises	60.5	59.2		
DPS	42	DPS Premises	50.1	48.2		
Note : The sound level exceeding the limits in CDU-VDU Crude Booster pump area, Air Compressor area ,RGC Area . Use of PPE like - ear plug, muff etc. is to be ensured while working in these location.						

BI – MONTHLY NOISE MONITORING INSIDE THE REFINERY					
(Day timing- 8.30 AM to 4.30 PM and Night timing –9.00 PM to 6.00 AM )					
FOR THE MONTH OF : SEPT, 2017 , DATE OF MONITORING : 19.09.2017					
NOISE LEVEL IN dB(A)					
			Observed value dB(A)		Standard dB (A)
AREA	SI NO.	CENTRAL LOCATION	Day	Night	
CDU	1	Field Cabin (inside)	63.3	59.2	90 for 8 hrs 92 for 6 hrs.
	2	Crude Booster Pump Area - 001 A	97.2	96.4	
DCU	3	Field Cabin	64.2	60.2	
	4	LPG Compressor	86.2	84.4	
HCU	5	Field Cabin(Inside)	66.8	61.2	
	6	Near RGC Area	92.2	90.8	
H2U	7	Field Cabin (Inside)	64.1	60.2	
	8	PSA area	96.3	92.4	
SRB	9	Field Cabin (Inside)	50.1	49.3	
	10	Control Room (Inside)	51.7	49.9	
PH#1(OM&S)	11	Field Cabin (Inside)	62.2	60.2	
PH#3(OM&S)	12	Field Cabin (Inside)	61.4	59.8	
CPP	13	Control Room (Inside)	57.2	55.5	
	14	Field Cabin (Inside)	60.6	57.3	
	15	Instrumentation Room	65.3	62.4	
	16	Air Compressor (Utility)	83.2	80.6	
N2 Plant/ Compressor	17	Control Room (Inside)	64.2	60.1	
	18	Compressor House	91.2	90.3	
DM Plant	19	Field Cabin (Inside)	62.3	59.8	
FWPH	20	Control Room (Inside)	60.2	58.3	
ETP	21	Disposal Pump House	74.3	70.2	
	22	Control Room (Inside)	62.2	61.1	
CCU	23	Control Room (Inside)	63.3	60.4	
	24	Near BFW	82.4	81.3	

	25	Near Air Blower	83.3	82.6		
MSP	26	Field Cabin	64.7	60.2		
	27	Near Compressor House	87.4	85.8		
	28	Near Furnace Area	89.2	87.6		
WAX PLANT	29	Pump 304 A	86.3	84.4		
	30	Pump 304 B	89.2	85.2		
	31	Office Cabin	55.2	53.6		
	32	Filed Cabin	65.5	60.2		
AMBIENT AIR :-						
AREA	SI NO.	LOCATION	Observed value dB(A)		Standard dB(A)	
			Day	Night		
LAB	33	Inside Lab Building	66.5	64.2	90	
	34	Near Laboratory	64.2	60.1		
IT Dept	35	Server Room	48.2	43.2		
Adm Building	36	Near AC Room	52.4	49.3		
	37	Near Adm Building	56.3	53.4		
Watch Tower No. 1	38	Near W.T.No.1	55.8	52.3		
Flare Area	39	Near Flare Area	58.3	56.1		
Central Control Room	40	Infront of CCR	75.4	72.3		
VKNRL Hospital	41	Hospital Premises	62.3	58.9		
DPS	42	DPS Premises	52.2	49.3		
Note : The sound level exceeding the limits in CDU-VDU Crude Booster pump area, Air Compressor area ,RGC Area . Use of PPE like - ear plug, muff etc. is to be ensured while working in these location.						

