

BI – MONTHLY NOISE MONITORING INSIDE THE REFINERY			ANNEXURE-II	
(Day timing- 8.30 AM to 4.30 PM and Night timing –9.00 PM to 6.00 AM)				
FOR THE MONTH OF : January, 2018, DATE OF MONITORING : 23.01.2018				
NOISE LEVEL IN dB(A)				
		Observed value dB(A)		Standard dB (A)
AREA	CENTRAL LOCATION	Day	Night	
CDU	Field Cabin (inside)	51.6	50.2	90 for 8 hrs 92 for 6 hrs.
	Crude Booster Pump Area - 001 A	96.7	95.2	
DCU	Field Cabin	58.2	56.9	
	LPG Compressor	80.2	78.6	
HCU	Field Cabin(Inside)	59.2	57.4	
	Near RGC Area	80.2	79.1	
H2U	Field Cabin (Inside)	60.2	58.8	
	PSA area	95.4	93.4	
SRB	Field Cabin (Inside)	61.2	58.3	
	Control Room (Inside)	42.2	41.2	
PH#1(OM&S)	Field Cabin (Inside)	57.3	55.6	
PH#3(OM&S)	Field Cabin (Inside)	56.2	54.4	
CPP	Control Room (Inside)	63.2	62.3	
	Field Cabin (Inside)	68.8	66.2	

	Instrumentation Room	68.7	66.4
	Air Compressor (Utility)	89.8	87.6
N2 Plant/ Compressor	Control Room (Inside)	66.7	65.1
	Compressor House	90.2	89.2
DM Plant	Field Cabin (Inside)	70.3	68.9
FWPH	Control Room (Inside)	51.3	50.2
ETP	Disposal Pump House	88.6	86.4
	Control Room (Inside)	50.6	49.9
CCU	Control Room (Inside)	57.6	55.2
	Near BFW	88.8	86.3
	Near Air Blower	89.6	88.2
MSP	Field Cabin	57.8	55.3
	Near Compressor House	78.5	76.4
	Near Furnace Area	84.6	82.6
WAX PLANT (ASPU)	Pump 304 A (Compressor)	73.2	72.1
	Pump 304 B(Compressor)	77.6	76.2
	Office Cabin	55.2	53.4
	Filed Cabin	56.6	54.3

AMBIENT AIR :-

AREA	LOCATION	Observed value dB(A)		Standard dB(A)
		Day	Night	
LAB	Inside Lab Building	63.2	60.1	Day time= 75 Night time=70
	Near Laboratory	62.6	59.9	
IT Dept	Server Room	48.2	46.4	
Adm Building	Near AC Room	48.2	46.2	
	Near Adm Building	50.2	48.3	
Watch Tower No. 1	Near W.T.No.1	52.3	50.1	
Flare Area	Near Flare Area	54.3	52.3	
Central Control Room	Infront of CCR	57.6	55.2	
VKNRL Hospital	Hospital Premises	64.2	61.2	
DPS	DPS Premises	55.3	52.4	
Note : The sound level exceeding the limits in CDU-VDU Crude Booster pump 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 : NOV, 2017 , DATE OF MONITORING : 15.11.17					
NOISE LEVEL IN dB(A)					
AREA	SI NO.	CENTRAL LOCATION	Observed value dB(A)		Standard dB (A)
			Day	Night	
CDU	1	Field Cabin (inside)	54.2	52.1	90 for 8 hrs 92 for 6 hrs.
	2	Crude Booster Pump Area - 001 A	94.5	92.7	
DCU	3	Field Cabin	55.2	53.1	
	4	LPG Compressor	85.6	84.3	
HCU	5	Field Cabin(Inside)	55.6	52.4	
	6	Near RGC Area	77.2	75.1	
H2U	7	Field Cabin (Inside)	54.1	52.1	
	8	PSA area	89.8	88.2	
SRB	9	Field Cabin (Inside)	56.5	54.1	
	10	Control Room (Inside)	56.3	54.2	
PH#1(OM&S)	11	Field Cabin (Inside)	54.1	52.1	
PH#3(OM&S)	12	Field Cabin (Inside)	54.2	52.7	
CPP	13	Control Room (Inside)	59.1	57.6	
	14	Field Cabin (Inside)	57.2	55.5	

	15	Instrumentation Room	63.2	61.8	
	16	Air Compressor (Utility)	91.2	90.3	
N2 Plant/Compressor	17	Control Room (Inside)	62.3	60.2	
	18	Compressor House	92.8	91.3	
DM Plant	19	Field Cabin (Inside)	63.2	60.4	
FWPH	20	Control Room (Inside)	61.7	59.3	
ETP	21	Disposal Pump House	69.4	67.6	
	22	Control Room (Inside)	61.3	50	
CCU	23	Control Room (Inside)	59.1	57.7	
	24	Near BFW	82.4	81.3	
	25	Near Air Blower	86.5	84.6	
MSP	26	Field Cabin	58.6	56.3	
	27	Near Compressor House	94.4	93.2	
	28	Near Furnace Area	89.4	88.8	
WAX PLANT	29	Pump 304 A	88.6	86.3	
	30	Pump 304 B	84.5	82.1	
	31	Office Cabin	62.5	60.2	
	32	Filed Cabin	60.1	58.8	

AMBIENT AIR :-

AREA	SI NO.	LOCATION	Observed value dB(A)		Standard dB(A)
			Day	Night	
LAB	33	Inside Lab Building	61.5	59.8	Day time=75 Night time=70
	34	Near Laboratory	59.6	57.5	
IT Dept	35	Server Room	49.3	46.2	
Adm Building	36	Near AC Room	45.5	42.2	
	37	Near Adm Building	56.5	52.3	
Watch Tower No. 1	38	Near W.T.No.1	54.4	51.2	
Flare Area	39	Near Flare Area	57.2	55.3	
Central Control Room	40	Infront of CCR	63.3	60.2	
VKNRL Hospital	41	Hospital Premises	63.4	60.1	
DPS	42	DPS Premises	56.2	51.3	
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.					

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 : MARCH, 2018 , DATE OF MONITORING : 20.03.18					
NOISE LEVEL IN dB(A)					
AREA	SI NO.	CENTRAL LOCATION	Observed value dB(A)		Standard dB (A)
			Day	Night	
CDU	1	Field Cabin (inside)	55.3	53.1	90 for 8 hrs 92 for 6 hrs.
	2	Crude Booster Pump Area - 001 A	95.2	93.4	
DCU	3	Field Cabin	54.3	52.2	
	4	LPG Compressor	86.4	85.1	
HCU	5	Field Cabin(Inside)	54.9	53.2	
	6	Near RGC Area	78.3	76.2	
H2U	7	Field Cabin (Inside)	56.2	54.3	
	8	PSA area	88.3	86.4	
SRB	9	Field Cabin (Inside)	55.5	53.2	
	10	Control Room (Inside)	60.2	58.3	
PH#1(OM& S)	11	Field Cabin (Inside)	56.3	54.2	
PH#3(OM& S)	12	Field Cabin (Inside)	55.4	53.3	
CPP	13	Control Room (Inside)	60.2	59.3	
	14	Field Cabin (Inside)	59.9	57.2	

	15	Instrumentation Room	65.2	62.4	
	16	Air Compressor (Utility)	92.3	91.3	
N2 Plant/Compressor	17	Control Room (Inside)	64.4	62.3	
	18	Compressor House	94.3	92.9	
DM Plant	19	Field Cabin (Inside)	64.1	62.3	
FWPH	20	Control Room (Inside)	62.8	60.1	
ETP	21	Disposal Pump House	68.3	65.2	
	22	Control Room (Inside)	63.2	60.1	
CCU	23	Control Room (Inside)	60.1	59.2	
	24	Near BFW	84.2	82.3	
	25	Near Air Blower	85.4	81.6	
MSP	26	Field Cabin	60.2	58.3	
	27	Near Compressor House	95.6	94.1	
	28	Near Furnace Area	88.8	86.3	
WAX PLANT	29	Pump 304 A	89.1	86.1	
	30	Pump 304 B	87.2	83.2	
	31	Office Cabin	64.4	61.2	
	32	Filed Cabin	62.3	60.1	

AMBIENT AIR :-

AREA	SI NO.	LOCATION	Observed value dB(A)		Standard dB(A)
			Day	Night	
LAB	33	Inside Lab Building	0	0	Day time=75 Night time=70
	34	Near Laboratory	61.3	59.8	
IT Dept	35	Server Room	0	0	
Adm Building	36	Near AC Room	0	0	
	37	Near Adm Building	58.3	56.4	
Watch Tower No. 1	38	Near W.T.No.1	55.2	53.8	
Flare Area	39	Near Flare Area	58.1	56.2	
Central Control Room	40	Infront of CCR	65.2	63.1	
VKNRL Hospital	41	Hospital Premises	64.1	61.8	
DPS	42	DPS Premises	55.1	50.2	
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.					