

A		MANAGEMENT						
1	PERCENTAGE OF KWH REDUCTION YOU ARE LOOKING AT							
2	ACCEPTED ROI (in years)							
3	BUILDING OPENING YEAR							
4	DO YOU HAVE A BMS SYSTEM ?							
5	DO YOU FACE VOLTAGE SAG IMPACTING PRODUCTION ?							
6	HOW MANY SHUTDOWN DO YOU PERFORM / YEAR							
7	ELECTRICITY BILL - <b>PROVIDE RECENT TNB BILL</b>							
B		TECHNICAL- VOLTAGE OPTIMISATION						
8	NUMBER OF EQUIPMENT IN THE FACTORY	COMPRESSOR		CHILLER		BOILER		
		UNIT		UNIT		UNIT		
9	TOP 6 MSB CAPACITY - kVA SIZE & Over Current Setting		Transformer size	Over Current Setting	Real Time Voltage	KWH Consumption/year		
		MSB1	kva	amps	V	Kwh		
		MSB2	kva	amps	V	Kwh		
		MSB3	kva	amps	V	Kwh		
		MSB4	kva	amps	V	Kwh		
		MSB5	kva	amps	V	Kwh		
		MSB6	kva	amps	V	Kwh		
10	MACHINE/MOTORS USING :		Percentage of Consumption					
			MSB 1	MSB 2	MSB 3	MSB 4	MSB 5	MSB 6
	VSD MOTORS (INCLUDING CHILLER AND COMPRESSOR)		%	%	%	%	%	%
	COMPRESSORS/CHILLERS (NO VSD)		%	%	%	%	%	%
	OTHER NORMAL MOTORS (SS,DOL,STAR DELTA,AUTO TX)		%	%	%	%	%	%
	ELECTRICAL HEATING		%	%	%	%	%	%
	LIGHTS LED		%	%	%	%	%	%
	OTHERS (please describe: welding, battery charger, split air con, UPS)		%	%	%	%	%	%
Total							<b>100%</b>	

C	TECHNICAL-COMPRESSOR	MODEL NAME & NUMBER	MOTOR KW	ACCEPTABLE PRESSURE (BAR)	RUNNING TIME
11	COMPRESSOR 1				
	COMPRESSOR 2				
	COMPRESSOR 3				
	COMPRESSOR 4				
	COMPRESSOR 5				
	COMPRESSOR 6				
	COMPRESSOR 7				
	COMPRESSOR 8				
	COMPRESSOR 9				
12	Is your Compressed Air System Centralized or Segregated?				
13	How Many Compressor are running at a time				

F	TECHNICAL- CHILLER	SUPPLY CHILLED WATER SETPOINT	CHILLER COOLING CAPACITY	RUNNING HOURS Ex 24/7 Ex 8H/ day	CHILLER LOAD AVERAGE OVER 24 HOURS	AGE OF CHILLER?	WITH INVERTER/VSD	TYPE OF REFRIGERANT
	BRAND & MODEL NAME	°C	TONS	HOURS	%	YEARS	YES/NO	Rxxx
14	CHILLER 1	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>
15	CHILLER 2	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>
16	CHILLER 3	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>
17	CHILLER 4	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>	< FILL UP HERE>