



# Mitchell Technical Sales

3740 N Josey Ln, Suite 138  
Carrollton, Texas 75007

Phone: (972) 484-0080 : Fax: (972) 620-9800

A DISABLED VETERAN OWNED COMPANY

Our Goal is to Find You Efficient, Cost-effective, Solutions

## RECOMMENDED INSPECTION / MAINTENANCE

### DAILY BOILER INSPECTION

BOILER NUMBER:	DAY	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	DATE							
	TIME							
RECORD GAS METER READING	CU FT/HR							
RECORD TOTALIZED GAS USAGE	CU FT							
RECORD GAS PRESSURE BEFORE GAS REGULATOR	PSI							
RECORD GAS PRESSURE TO GAS TRAIN INCH	INCH'S							
RECORD BURNER MANIFOLD PRESSURE	INCH'S							
RECORD OUTDOOR TEMPERATURE	DEG F							
RECORD INDOOR TEMPERATURE	DEG F							
RECORD STEAM FLOW	LBS/HR							
RECORD TOTALIZED STEAM USAGE	LBS							
RECORD BOILER OPERATING PRESSURE	PSI							
RECORD BOILER WATER LEVEL	INCH'S							
RECORD FEEDWATER PRESSURE (PUMP RUNNING)	PSI							
RECORD FEED TANK TEMPERATURE	DEG F							
RECORD MAKEUP WATER FLOW	GPM							
RECORD TOTALIZED MAKEUP WATER USAGE	GAL							
RECORD MAKEUP WATER TEMPERATURE	DEG F							
RECORD FLUE GAS TEMPERATURE	DEG F							
RECORD FLAME SIGNAL	MIN 10							
CHECK THAT GAGE GLASS IS CLEAN								
CHECK IF GAGE GLASS IS CRACKED/BROKEN								
CHECK OPERATING CONTROLS								
CHECK WATER LEVEL CONTROLS								
CHECK COMBUSTION VISUALLY								
CHECK GENERAL BURNER OPERATION								
CHECK GENERAL BOILER OPERATION								
BLOWDOWN BOILER								
BLOWDOWN WATER COLUMN								
TREAT WATER ACCORDING TO PROGRAM								
COMMENTS:								

THIS LIST CONSISTS OF RECOMMENDED INSPECTION / MAINTENANCE - IT MAY NOT INCLUDE ALL POINTS OF INSPECTION / MAINTENANCE FOR THE SPECIFIC BOILER ROOM.

IT MAY BE BENEFICIAL TO EXPAND UPON THIS LIST FOR RECORD KEEPING AND MAINTENANCE PURPOSES. THIS LIST DOES NOT GUARANTEE UNFORESEEABLE BOILER FAILURES,

BUT WILL CONTRIBUTE TO IMPROVED BOILER MAINTENANCE.



# Mitchell Technical Sales

3740 N Josey Ln, Suite 138  
Carrollton, Texas 75007

Phone: (972) 484-0080 : Fax: (972) 620-9800

A DISABLED VETERAN OWNED COMPANY

Our Goal is to Find You Efficient, Cost-effective, Solutions

## RECOMMENDED INSPECTION / MAINTENANCE BOILER ROOM LOG

### WEEKLY BOILER INSPECTION

	DATE							
BOILER NUMBER:	TIME							
CHECK FOR TIGHT CLOSING OF FUEL VALVES								
RECORD SHUT DOWN TIMING WHEN GAS VALVE CLOSES								
CHECK FUEL LINKAGE								
CHECK AIR LINKAGE								
CHECK INDICATING LIGHTS AND ALARMS								
CHECK OPERATING CONTROLS								
CHECK WATER LEVEL CONTROLS								
CHECK LIMIT CONTROLS AND LIMIT SWITCHES								
CHECK SAFETY CONTROLS								
CHECK INTERLOCK CONTROLS								
CHECK LOW WATER CUTOFF OPERATION								
CHECK FOR:								
LEAKS								
NOISE								
VIBRATION								
UNUSUAL CONDITIONS								
CHECK OPERATION OF ALL MOTORS								
CHECK GENERAL BURNER OPERATION								
CHECK GENERAL BOILER OPERATION								
CHECK LUBRICATING OIL LEVELS								
CHECK FLAME SCANNER ASSEMBLY								
CHECK IGNITION SYSTEM								
CHECK FLAME SIGNAL								
CHECK PACKING GLANDS								

THIS LIST CONSISTS OF RECOMMENDED INSPECTION / MAINTENANCE - IT MAY NOT INCLUDE ALL POINTS OF INSPECTION / MAINTENANCE FOR THE SPECIFIC BOILER ROOM.

IT MAY BE BENEFICIAL TO EXPAND UPON THIS LIST FOR RECORD KEEPING AND MAINTENANCE PURPOSES. THIS LIST DOES NOT GUARANTEE UNFORESEEABLE BOILER FAILURES,

BUT WILL CONTRIBUTE TO IMPROVED BOILER MAINTENANCE.



# Mitchell Technical Sales

3740 N Josey Ln, Suite 138  
Carrollton, Texas 75007

Phone: (972) 484-0080 : Fax: (972) 620-9800

A DISABLED VETERAN OWNED COMPANY

Our Goal is to Find You Efficient, Cost-effective, Solutions

## RECOMMENDED INSPECTION / MAINTENANCE BOILER ROOM LOG

### MONTHLY BOILER INSPECTION

	DATE							
BOILER NUMBER:	TIME	TIME						
INSPECT BURNER								
INSPECT HEATING SURFACES								
INSPECT FOR HOT SPOTS								
INSPECT FOR FLUE GAS LEAKS								
INSPECT FLUE/STACK DAMPERS FOR PROPER OPERATION								
ANALYZE COMBUSTION								
CHECK COMBUSTION AIR SUPPLY								
CHECK ALL FILTER ELEMENTS								
CHECK FUEL SYSTEM								
CHECK HIGH AND LOW GAS PRESSURE SWITCHES								
CHECK CAMS								
CHECK BELT DRIVES								
CHECK LUBRICATION REQUIREMENTS								
REVIEW BOILER BLOWDOWN PROCEDURES								

THIS LIST CONSISTS OF RECOMMENDED INSPECTION / MAINTENANCE - IT MAY NOT INCLUDE ALL POINTS OF INSPECTION / MAINTENANCE FOR THE SPECIFIC BOILER ROOM.

IT MAY BE BENEFICIAL TO EXPAND UPON THIS LIST FOR RECORD KEEPING AND MAINTENANCE PURPOSES. THIS LIST DOES NOT GUARANTEE UNFORESEEABLE BOILER FAILURES,

BUT WILL CONTRIBUTE TO IMPROVED BOILER MAINTENANCE.