

APPRENTICE MONTHLY PROGRESS RECORD – STEAMFITTER / LIMITED “B” ELECTRICAL

“A” Work processes as per standards	“B” Hours brought forward		(FOR EACH DAY, ENTER THE WORK PROCESS CODE (listed on back) IN THE TOP HALF OF THE BOX. IN THE LOWER PART OF THE BOX, ENTER THE NUMBER OF HOURS WORKED. RECORD HOURS TO NEAREST HOUR; NO FRACTIONS!)																													“C” Total Hours Current Month	“D” Total Hours To Date	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			30
A		Wk. Proc.																																
		Hrs.																																
B		Wk. Proc.																																
		Hrs.																																
C		Wk. Proc.																																
		Hrs.																																
D		Wk. Proc.																																
		Hrs.																																
E		Wk. Proc.																																
		Hrs.																																
F		Wk. Proc.																																
		Hrs.																																
G		Wk. Proc.																																
		Hrs.																																
H		Wk. Proc.																																
		Hrs.																																
I		Wk. Proc.																																
		Hrs.																																
TOTAL OJT HOURS																																		
ENTER CLASS HOURS ATTENDED																																		

NAME OF FIRM / EMPLOYER: _____

LOCATION OR WORK SITE: _____

PHONE NUMBER: _____

NAME _____

MONTH, YEAR _____

APPRENTICE: I CERTIFY THE ABOVE INFORMATION IS CORRECT.

SIGNED: _____ DATE: _____

STEAMFITTER / LIMITED "B" ELECTRICAL WORK PROCESSES ONLY

Effective 08/04/2014

A – Steam & Heating Systems & Equipment (1500 hours)

1. Boilers, traps, condensate pumps
2. Humidifiers, blowdown tanks
3. Coils & condensers
4. Pipe hangers, inserts, strapping and/or welded supports
5. Seismic restraints & supports
6. Fixture backing & supports
7. Riser clamps
8. Firestop protection
9. Pipe system labeling, identification, tagging, etc...
10. Material take-off
11. Detailing & isometric drawing/CAD
12. Surveying & coordinate identification
13. Installation of Steam Systems/Equipment
14. Demo of Steam Systems/Equipment

B – Air Condition & Refrigeration Systems & Equipment (1500 hours)

1. Pipe hangers, inserts, strapping and/or welded supports
2. Seismic restraints & supports
3. Fixture backing & supports
4. Riser clamps
5. Firestop protection
6. Pipe system labeling, identification, tagging, etc...
7. Material take-off
8. Detailing & isometric drawing/CAD
9. Surveying & coordinate identification
10. Installation of ACR Systems/Equipment
11. Demo of ACR Systems/Equipment

C – Process Systems & Equipment (2500 hours)

1. Pumps
2. Chilled water systems
3. Hot water systems
4. Cooling/condenser systems
5. Pipe hangers, inserts, strapping and/or welded supports
6. Seismic restraints & supports
7. Fixture backing & supports
8. Riser clamps
9. Firestop protection
10. Pipe system labeling, identification, tagging, etc...
11. Process gas piping
12. Deionized water systems
13. Chemical distribution & neutralization systems
14. Vacuum systems
15. Fuel systems
16. Manual & powered tube and pipe bending equipment
17. Threading & grooving machines
18. Facing tools
19. Demo of Process Systems/Equipment

D – Welding Processes (2000 hours)

1. SMAW/GTAW/GMAW Welding
2. Orbital & submerged arc welding
3. Pipeline & production welding
4. Plastic fusion welding
5. Brazing & soldering of all pipe and tubing systems
6. Rigging & safety practices relating to the delivery and installation of piping, equipment & related materials
7. Installation of Systems

E – Stock Room & Materials (250 hours)

1. Tool Room & warehouse experience in handling all piping and related materials and equipment

F – Troubleshooting & Maintenance (250 hours)

1. Hydronic equipment including chilled hot water heating & cooling systems
2. Steam generating equipment & related piping systems
3. Calibration & repair of hydraulic, pneumatic, electrical and fiber optic equipment & controls

Electrical Applications: LEB

G – Limited Energy Installations (1750 hours)

H – Trouble Shooting & Maintenance (250 hours)

I – Occupation-Specific applications (2000 hours)

1. Communications systems – including data telecommunications, intercom, paging
2. Specialized control systems – including HVAC, medical, boiler, clock, instrumentation, and welding