

WORK PROCESS OUTLINE

OCCUPATION/TRADE: Sheet Metal Worker (0510)

O*Net#: 47-2211.00

Approximate Hours

| | |
|--|-------------|
| A. Use of hand tools and measuring instruments | 500 |
| B. Assembly of duct and familiarization with installation techniques | 1500 |
| C. Use of shop equipment, breaks, shears, lockformers, notchers, easyedger, crimpers, pin-setting, glue sprayer, spot welder | 1000 |
| D. Supervised Bench Layout | |
| 1. Flashing, gravel stop, saves drip, "s" cleats and drives, straight duct, Square fittings, radius fittings, round duct, and fittings | |
| 2. Fabrication by interpretation of descriptions, sketches and blue prints | 2000 |
| E. Soldering and welding of ferrous and non-ferrous materials | 500 |
| F. Field installation of duct and ventilation systems | |
| 1. Organization and layout of duct work | |
| 2. Hi-press duct and blow pipe installation | |
| 3. Assembly and installation of venting hoods | |
| 4. Familiarization of equipment arrangements | 2000 |
| G. Non-ferrous metal techniques in field and shop | 500 |
| <hr/> | |
| TOTAL HOURS | 8000 |