



JAMES HANSEN

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**JOURNEYMAN SHEETMETAL MECHANIC,
INTERPROVINCIAL RED SEAL TICKETED.**

SUMMARY:

- Red Seal Sheet metal Mechanic, with 35 years plus of working experience in project for commercial, residential, high-rise, and industrial projects. Experience in setting up for, air handlers, roof top, heat-pump & furnace installations
- 25 years of Project Management, Estimating, Takeoff, Foreman, Sales, and Job Coordination, and working with onscreen take-offs, estimating with quote soft, and other estimating programs
- 15 years of manufacturing experience as a shop fabrication, blue print reading, & field installations for in slab, high velocity, and fiber duct installations
- 20 years of AutoCAD, Solidworks, Shop Data, layout & design for CNC plasma burning table, shop data, and CNC turret punch, with mmi computer design, and bench layout manufacturing
- Quality First Certified for Forced Air and Ventilation Stamp

SHOP TOOL EXPERIENCE:

- Set up and use machines like mechanical press brakes, power shears, slip rolls, turning rolls, roll forming machines like button lock, Pittsburgh, spot welder, ring and circle shear, cnc punch press, cnc plasma burning table with hvac cad (smp & shop data) programming, nibbling, manual milling and lathe also bands saws
- Welding experience with mig /tig /stick, for steel, aluminum, and stainless fittings
- Hand and bench tools, bench hand layout and computer (cad) designing, manufacturing of all types of fittings, flashings and metal objects in stainless steel, aluminum, black iron and galvanized materials.
- Powder Coat parts and pieces

FIELD EXPERIENCE:

- Ti's installs
- Res. Town House design fab & install
- Res. Custom Homes design fab & install
- Installations in mines for ventilation and cladding
- Mills and blowpipe dust collection systems
- HVAC for high-rise double loop shaft & in slab and underground, for shopping malls with hi-velocity HVAC,
- schools institutional & residential installs of hi-e furnaces, heat-pumps, and duct work
- Understanding blueprints and job layouts
- Managing and supervising workers
- Measuring up and creating shop drawings.
- Aircraft sheet metal
- Roofing flashing and panels
- And more...

EMPLOYMENT HISTORY:

MEGA-TECH CUSTOM SHEET METAL CHILLIWACK BC
Lead Hand / Job Coordinator /On Contract

1993 - Present

As the lead sheet metal mechanic, installations of blowpipe & dust collection systems, sized, manufacture and performed the installations on commercial t/i's and large new home construction, design, takeoff, and fabrication & installations on these projects. Estimating jobs including shop layout and fabrication of ductwork components run CNC equipment to produce abstract metal products. I was responsible in job coordination and ordering any extra materials needed such as in the positions above which include the sheet metal materials and all the nuts and bolts to get the job done.

IMPACT SHEET METAL NEW WESTMINSTER BC
Shop Foreman

1990 -1993

Shop Foreman, project managed 2-6 personnel on a regular basis and organized production. Performed layout & fabrication of duct work and fittings, order materials

such as sheet metal, fasteners screws, nuts and bolts, sealer, turning vein, insulation and other materials needed on a daily basis. A good understanding of the work flow was needed on a daily and knowing what employee could complete their designated task was involved on everyday project. I dealt with sales people on a regular basis, to find materials that worked best and was cost effective for each order.

SHEET METAL LOCAL # 8, ALBERTA

1988-1990

Fabricator / Installer

Shop fabrication for industrial mills, fabrication of stainless steel fittings at Arpi's industries, and Vet's sheet metal in Edmonton Alberta

SHEET METAL LOCAL # 296, SASKATCHEWAN

1978-1988

Fabricator / Installer

Installer for Commercial, Industrial, and residential projects

EDUCATION:

Quality first certified. **2010, 2018**

Auto Cad R10 **1991**

Completed my Sheet Metal Red Seal Ticketed Journeyman status at Siast **1983**

Graduated High School **1978**