LABOR RATES

Construction and Industrial Installation · Excel

SAMPLE: 15 of 550+ rates

schedulers.cl

Work item	METRIC JH per unit	IMPERIAL JH per unit
RESIDENTIAL CIVIL WORKS		
Trench excavation 0-6.6 ft, soft ground, no hauling	**2.00** JH/m³	**1.53** JH/yd³
Concrete mixing in a small drum mixer	**4.00** JH/m³	**3.06** JH/yd³
Concrete placing in slabs, by wheelbarrow	**4.00** JH/m³	**3.06** JH/yd³
Reinforcing steel A-44/A-56, bars 0.63-0.87 in	**0.080** JH/kg	**0.0363** JH/lb
Hand-molded brick or block walls, 5.9-7.9 in thick	**1.45** JH/m²	**0.135** JH/ft²
INDUSTRIAL CIVIL WORKS		
Formwork erecting and stripping, foundations	**2.29** JH/m²	**0.212** JH/ft²
Concrete placing, volume over 2.6 yd³	**3.00** JH/m³	**2.29** JH/yd³
STRUCTURAL STEEL AND MECHANICAL		
Heavy steel erection	**44.44** JH/t	**40.32** JH/short ton
Medium equipment under 7,716 lb, one piece	**84.21** JH/t	**76.39** JH/short ton
PIPING AND INSULATION		
Butt-welded pipe, mining plants, average (6" dia., carbon steel)	**333.33** JH/t	**302.39** JH/short ton
Flanged valve installation, 4"	**8.00** JH/ea	**8.00** JH/ea
Pipe insulation, 2" dia., 1" thick	**1.33** JH/m	**0.406** JH/ft
ELECTRICAL AND INSTRUMENTATION		
Electrical cable tray, 12" wide	**8.00** JH/m	**2.44** JH/ft
600 V cable, 1 conductor #16-10 AWG, pull and terminate	**0.080** JH/m	**0.0244** JH/ft
Level transmitter installation	**12.00** JH/ea	**12.00** JH/ea

Values at PF = 1 and 8 effective hours per worker-day. JH = job hours (man-hours). Sizes shown in imperial.

ADJUST IT TO YOUR PROJECT

- Change the PF: JH rates and daily output recalculate.
- Change working hours: daily output recalculates. Metric and imperial sheets stay linked.

THE EXCEL INCLUDES

- Earthworks, concrete, formwork and reinforcing steel
- Masonry, finishes, plumbing and residential electrical
- Structural steel, platework, mechanical installation, piping and welding
- Electrical, instrumentation, painting, coatings and insulation