

This technical bulletin will show the labour time savings between Pressure Plastic Electrofusion welding and Traditional Crimped Systems.

Below we have taken a 90mm BCW riser (Figure A) and compared the standard labour rates against the timed fabricated CLICKWELD install. The table below gives you the standard labour rates for CLICKWELD (Figure B).

### Example

Pressure Plastic Electrofusion

1x Pipe = 0.50 (50% of 1 hour)  
 1x Saddle = 0.70 (70% of 1 hour)  
 1x Elbow = 0.50 (50% of 1 hour)  
 = 1.70 (170% of 1 hour) = 1 hour 42 minutes per 1 operative

Traditional Crimp

1x Coupler = 0.50 (50% of 1 hour)  
 1x Tee = 0.65 (65% of 1 hour)  
 1x Elbow = 0.50 (50% of 1 hour)  
 = 1.65 (135% of 1 hour) = 1 hour 35 minutes per 1 operative.

MecFlow

1x Pipe = 0.30 (30% of 1 hour)  
 = 0.30 (30% of 1 hour) = 18 minutes per 1 operative.

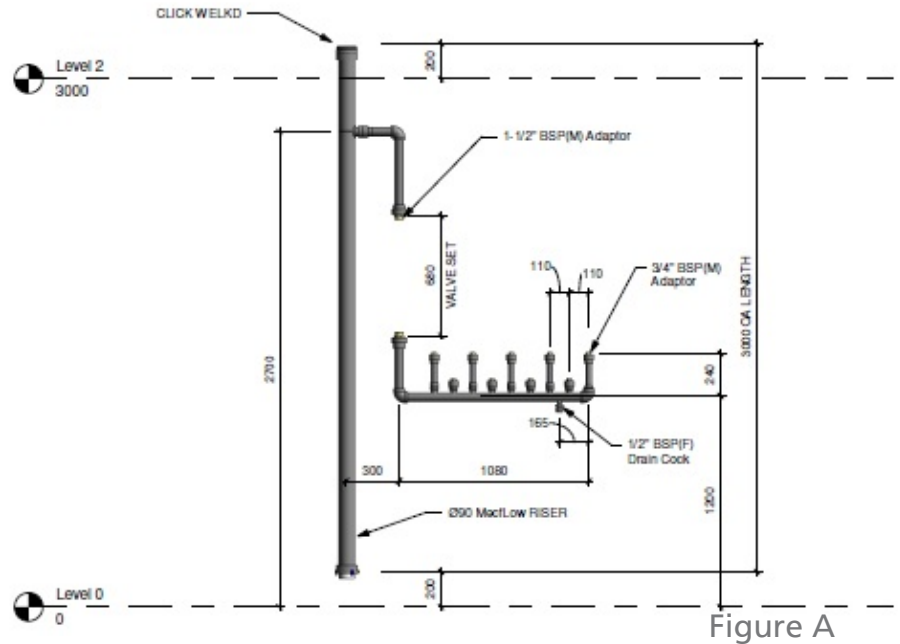


Figure A

**82% decrease of time taken against Pressure Plastic Electrofusion**  
**81% decrease of time taken against Traditional Crimp**

### MecFlow Labour Rates

	20mm	25mm	32mm	50mm	63mm	90mm	110mm	125mm
CLICKWELD				0.15	0.20	0.30	0.30	0.35
Coupler	0.20	0.20	0.30	0.35	0.40	0.50	0.70	0.90
	140mm	160mm	180mm	225mm	250mm	315mm	355mm	400mm
CLICKWELD	0.35	0.35	0.40	0.45	0.45	0.50	0.50	0.55
Coupler	1.10	1.10	1.30	1.50	1.80	2.00	2.20	2.50

\*These have both not taken into account the welds/compression fittings required for the BSP thread\*

Figure B