

# SkillWeld 2019

## Passive Heat Test Coupon Marking Sheet

All test coupons must be welded with the welding process as specified for each joint type and in the correct weld position as stated in the Skillweld competition brief. All weld inspection/markings to be in accordance with BS EN ISO 5817 criteria D.

Single, short weld imperfections = -40% of available marks (i.e., 3 marks awarded out of 5, 6 marks awarded out of 10). Long/multiple imperfections = -80% of available marks (i.e. 1/5, 2/10). Systematic imperfections and not permitted defects = -100% of available marks.

Centre/College	Date	Candidate	Weld Coupon Assessor
		Name	Name
		Signature	Signature

### Lap Joints

Test No, Process & Position	Throat Thickness	Stop/Starts	Overfill/Underfill	Undercut/Cold Lap	Weld Uniformity	Total
1 – MMA – PF	/10	/10	/10	/10	/10	/50
2 – MAG – PF	/10	/10	/10	/10	/10	/50

### Tee Fillets

Test No, Process & Position	Throat Thickness	Stop/Starts	Overfill/Underfill	Undercut/Cold Lap	Weld Uniformity	Total
3 – MMA – PF	/10	/10	/10	/10	/10	/50
7 – TIG - PD	/10	/10	/10	/10	/10	/50

### Open Corner

Test No, Process & Position	Root Penetration	Stop/Starts	Overfill/Underfill	Undercut/Cold Lap	Weld Uniformity	Total
4 – MAG - PF	/10	/10	/10	/10	/10	/50

### Pipe To Plate

Test No, Process & Position	Throat Thickness	Stop/Starts	Overfill/Underfill	Undercut/Cold Lap	Weld Uniformity	Total
5 – TIG – PB	/10	/10	/10	/10	/10	/50
6 – MAG - PB	/10	/10	/10	/10	/10	/50

### Butt Weld

Test No, Process & Position	Root Penetration	Stop/Starts	Overfill/Underfill	Undercut/Cold Lap	Weld Uniformity	Total
8 – MMA - PD	/10	/10	/10	/10	/10	/50

Total Marks Awarded                      /400