

3.9 Investigate Bi-Variate Measurement Data AS 91581 - Marking Check Sheet

Name:		\checkmark/x	Grade:
Achieved	Investigate Bivariate Data	Question posed	All needed
		Purpose Identified	
		Explanatory and Response variables identified and match graph	
		Graph	
		Model fitted	
		Feature identified (unusual points, clusters, groups, linear, non-linear etc)	
		Nature of relationship (in context)	
		Strength (in context)	
		Predictions made	
		Conclusion (linked to purpose)	
Achieved with Merit	With justification	Evidence of research linked to purpose and findings	Must do for M
		Variables choice and direction justified (ie why explanatory/response)	
		Gradient statement correct with units	
		Interpolations vs extrapolations	
		Contextual discussions about predictions	
		Additional model considered	
		Investigate another set of variables	
		Correct discussion of correlation and causality	
		Unusual point(s) reanalysed or discussed in depth	
		Subgrouping and discussion	
Residuals plotted and discussed			
Achieved with Excellence	With Statistical Insight	Consideration of other relevant variables	
		Evaluating adequacy of model	
		Integration of contextual knowledge (research)	
		Evidence of thinking outside the square ie limitations, relevance, application of findings, assumptions etc	
		No misunderstanding or conflicting statements are present	
		No major omissions	

Comments: