

THERMAX INFRARED INSPECTION

VALUE OFFERING

Action	Description	Thermax-IR Inspection			
		4D - Proactive	3D - Essential	2D - Compact	1D - Self diagnose
Unit diagram and referencing	Orientation and naming of equipment to provide direct references in the report	Y	Y	Y	Y
Recording thermal images	Continuously taking images to cover maximum area of equipment, from many different angles	Y	Y	Y	Y
Analyse the image	Analyse each image to identify abnormalities	Y	Y	Y	
Extract the point temperatures, and plot (3D/4D)	To compare temperatures of individual tubes within the same unit. This forms data for trending	Y	Y	Y	
Plot point the temperatures of different units	To compare temperatures between units. This forms data for trending	Y			
Compare data with equipment's past trends	To compare current performance against past performance - trending	Y			
Present Thermax-IR 4D fault report	Thermal images, temp measurements, descriptions, and two graphs. Graphs plot differences 1) between tubes, and 2) between units	Y			
Present Thermax-IR 3D fault report	Thermal images, temp measurements, descriptions and graph plotting temperatures of individual tubes in same unit		Y		
Present Thermax-IR 2D fault report	Thermal images and temp measurements			Y	
Handover images with verbal discussion	Flashdrive of images handed over, together with brief discussion of key points				Y