

Inspection Equipment

Remote Inspection Service

- Fleet of four Vauxhall Astra Sportiv Vans
- Fully equipped for inspection/debris retrieval
- SWB Landrover available for off-road locations
- In house electronic/mechanical workshops
- Safety-passported and security-vetted operators with required PPE
- Service provided for over 40 years



General Purpose Cameras

- Remote inspection and retrieval of debris
- High resolution colour CCD (520TVL)
- Integral white LED lighting
- 105mm X 25mm dia with 33m cable
- Full range of rodding and retrieval accessories
- Compatible with right-angle view head



Reeling-drum Cameras

- Inspection of boiler downcomers
- Slip-ring fed to ease cable management
- High resolution colour CCD (520TVL)
- Integral white LED lighting
- 105mm X 25mm with 100m cable
- Compatible with right-angle-view head



Right-angle-view Heads

- For general purpose and reeling drum cameras
- Inter-ligament inspections of axial rows
- Multi-layer coated 95% reflectance mirror
- Off-axis lighting enhances crack visibility
- Folding skids pass through 49mm dia access
- 159mm X 25mm dia with 33m cable



Rotating Cameras

- Inter-ligament inspections of radial rows
- Co-axial LED lighting eliminates shadows
- Off-axis lighting enhances crack visibility
- Direct view optimises resolution (480 TVL)
- Folding skids pass through 75mm dia access
- 185mm X 38mm dia with 33m cable



Pearpoint Flexiprobe Crawlers

- 25mm Camera head 39mm x 24mm dia
628 x 582 pixels
- 50mm Camera head 80mm x 48mm dia
752 x 582 pixels
- Mini reel with 35m rod
- Standard reel with 60m rod



Pearpoint Flexitrax Crawlers

- Forward view camera 62mm x 68mm dia 460TVL
- Pan and tilt camera 128mm x 70mm dia 460TVL
- 100mm crawler
- 150mm crawler
- Manual drum
- 150m cable with kevlar strain relief
- Compact flash and USB2 data transfer



GE/Everest Ca-Zoom

- PTZ100 194mm x 98mm 460TVL 10x optical + 12x digital zoom
- PTZ150 287mm x 139mm 460TVL 36x optical + 12x digital zoom
- Camera control with compact flash and USB2 data transfer
- Telescopic carbon fibre poles
- Section carbon fibre poles
- Swivel ball tripod



GE XLG3 VideoProbes

- Interchangeable probes 3m X 3.9mm x 290,000 pixels 3m X 6.1mm x 440,000 pixels 8m X 6.1mm x 440,000 pixels
- Polyurethane-coated tungsten braid insertion tube
- Joystick-controlled all-way articulation
- Handset with integral 6.4in LCD display
- 75W high-intensity discharge lamp
- Interchangeable tips including right-angle view and stereo-measurement
- DVD and HDD recording
- Battery operation optional



Olympus Iplex SA II Videoscope

- Tungsten braid insertion tube 7.5m X 6mm
- All-way articulation
- 5.6in TFT display
- 50W metal-halide light-source
- Interchangeable tips including right-angle-view and stereo-measurement
- High gain and integration for low-light operation
- Still and moving image recording



JT8D Guide Tube

- Remotely articulated guide tube
- Double articulation with fibrescope/videoprobe
- Video camera attachment for fibrescope
- Short headers with limited access via stubs
- Allows downward view into bottom half tubes
- Combustion chambers in JT8D engine etc



Thermal Imaging Camera

- Temperature ranges cover -10°C to 1500°C
- Accuracy $\pm 2^{\circ}\text{C}$, Resolution 0.1°C at 30°C
- Pre-outage and post-outage surveys
- Lagging, insulation and refractory linings
- Location of hot spots in electrical systems
- Overheating in bearings, gearboxes etc



Video Recording

- CD/DVD/HDD/Blu-ray disc
- VHS/SVHS recorders
- DV/DVCAM digital recorders
- DV/DVCAM camcorders
- Digital still/video clip cameras



Rodding & Retrieval

- Range of fibreglass rodders
- Polypropylene rods in various diameters
- Coil steel rods in various diameters
- High powered vacuum with hoses to 15m
- Full range of retrieval accessories
- Range of skid assemblies



Recordings and Reports

- Images on CD/DVD/HDD/Blu-ray disc
- Images on VHS/SVHS/DV/DVCAM tape
- Titling by text overlay
- General inspection reports
- Interligament cracking report, axial scan
- Interligament cracking report, radial scan
- TI report with data, visual and thermal images

jacksonelectronics		Information is intended for guidance purposes only. Check to be made on growing defects by reference to live or recorded video.		Inspection Report	
Jackson Electronics Ltd Danethorpe Hill Newark NG24 2PD UK		Tel +44 (0)1636 705718 Fax +44 (0)1636 610120		www.jacksonelectronics.co.uk sales@jacksonelectronics.co.uk	
DATE	Inspector Name	Findings	Security measures		
Inspected by:	Unit	Time in hrs to loading time	No of rods	Country	Recording media
Block number					Approved by:
For Jackson Electronics Ltd	Contact	UNIT	Inspected details (Quantity, description, length, diameter, access, temperature, recording media etc.)		Block number:
Contact	Unit				For:
Ref					
Tel					
Customer					
File	UNIT/No				
Time	Day				
Date	Year				
Site	Site				

Image Capture

- Still images in JPEG format
- Video clips saved in .MOV format
- Removable CompactFlash card
- Transfer to PC via USB card reader
- PAL/NTSC, composite/S-Video capture
- Filename generation/editing

