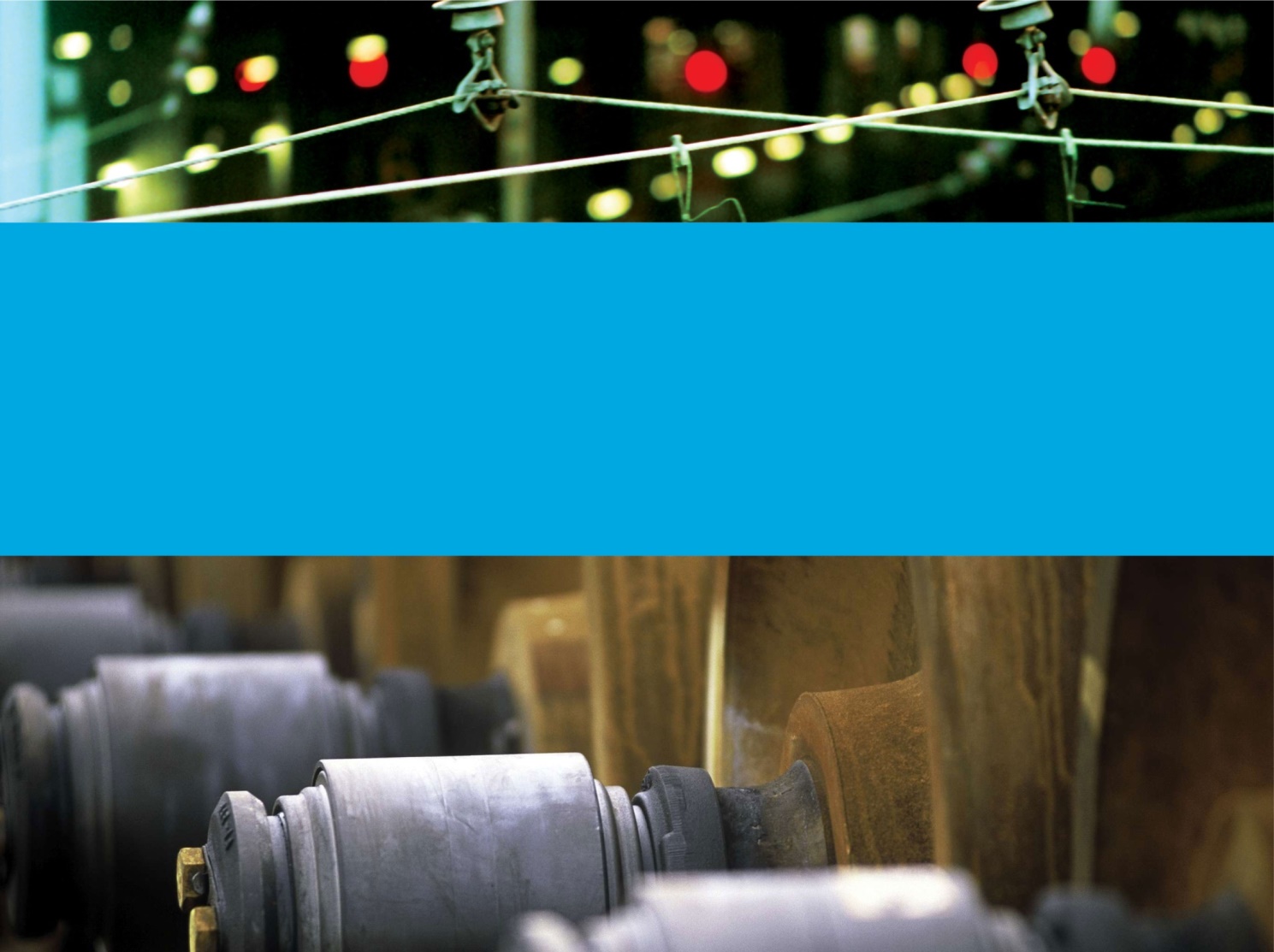
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**Mini Prof Repair and Calibration**

The following mini-profilers need to be repaired as guided by (but not limited to) the outlined observations from the engineering team. The service provider is appointed to make the mini-profilers functional. The serial numbers of the profilers and specific observations are noted below:

Serial No: 131-1319

1. Assess and refurbish as necessary:

* Digital Encoder (inner)
* Digital Encoder (outer)
* Litton brush block
* Litton slip ring with V-groove
* Litton extension for MiniProf wheel
* MiniProf printed circuit board
* Reference pins

1. MiniProf Service & Calibration
2. Additional repairs:

Serial No: 131-1393

1. Assess and refurbish as necessary:

* Digital Encoder (inner)
* Digital Encoder (outer)
* Litton brush block
* Litton slip ring with V-groove
* Litton extension for MiniProf wheel
* MiniProf printed circuit board
* Reference pins

1. MiniProf Service & Calibration
2. Additional repairs:
   * Cable connector previously damaged and repaired –USB power short circuit

Serial No: 131-1395

1. Assess and refurbish as necessary:

* Digital Encoder (inner)
* Digital Encoder (outer)
* Litton brush block
* Litton slip ring with V-groove
* Litton extension for MiniProf wheel
* MiniProf printed circuit board
* Reference pins

1. MiniProf Service & Calibration
2. Additional repairs:
   * N/A

Serial No: 131-1706

1. Assess and refurbish as necessary:

* Digital Encoder (inner)
* Digital Encoder (outer)
* Litton brush block
* Litton slip ring with V-groove
* Litton extension for MiniProf wheel
* MiniProf printed circuit board
* Reference pins

1. MiniProf Service & Calibration
2. Additional repairs:
   * N/A

Serial No: 162-2138

1. Assess and refurbish as necessary:

* Digital Encoder (inner)
* Digital Encoder (outer)
* Litton brush block
* Litton slip ring with V-groove
* Litton extension for MiniProf wheel
* MiniProf printed circuit board
* Reference pins
* Battery

1. MiniProf Service & Calibration
2. Additional repairs:
   * N/A

Pictorials

|  |  |
| --- | --- |
| C:\Users\sdirks\Downloads\IMG_0378.jpg | Digital encoder and printed circuit board |
| C:\Users\sdirks\Downloads\IMG_0371.jpg | MiniProf printed circuit board |
| C:\Users\sdirks\Downloads\IMG_0377.jpg | Reference pin |
| C:\Users\sdirks\Downloads\IMG_0376.jpgC:\Users\sdirks\Downloads\IMG_0375.jpg | Magnetic wheel |
| C:\Users\sdirks\Downloads\IMG_0373.jpgC:\Users\sdirks\Downloads\IMG_0374.jpg | Missing connector and screws |

