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| TC – 6D ELECTRIC SPHEROLOCK POINTS OPERATING TEST CERTIFICATE | No. |  |

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| **Please make a selection:** | IN-BEARER /  ON-BEARER\*\* | |
| CONCRETE /  TIMBER /  STEEL\*\* /  FFU /  Other\*\* | |  | | --- | |  | |

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| **LOCATION:** |  | Tests to be carried out in accordance with PR S 40030, Manual MN S 41346 & MN S 41347 |
| **PROJECT:** |  | |

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| **POINT END** | **TYPE\*** | | **SWITCH OPENING**  *Tangential 125-127mm*  *Note: switch openings should be adjusted to be equal on both sides*  *(mm)* | | **FLANGEWAY CLEARANCE**  FEG TEST(where T crank backdrives are fitted)  OR  Rear Flange Opening  Minimum 60mm  *at narrowest point*  (✓ when correct) | | | | **POINT LOCK TEST**  *Go 1.6mm No-Go 3.2mm*  (✓ when correct) | | **SPHEROLOCK COVERAGE**  *Min 20mm point lock coverage with operating bar detector contacts made*  (✓ when correct) | | **POINT SWITCH DETECTION TEST**  *‘just made’ 3.2mm ‘visibly open’ 4.8mm*  ***+ see note below***  (✓ when correct) | | **CORRESPONDENCE TEST**  ***includes Out of Correspondence***  *refer to SPG 0711.4 for test combinations*  (✓ when complete) | **MOTOR OPERATION++** | | | | |
| Oper volts | Oper amps | Slip amps | Oper secs | Cut-out secs |
| Select from:  **D84M**  **TD84M**  **84M** | Select from:  **Mk I**  **Mk III** |
| **LHSC** | **RHSC** | **LHSC** | | **RHSC** | | **NOR** | **REV** | **NOR** | **REV** | **NOR** | **REV** |
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| **REMARKS:** Point History Card complete | | | | | | | | | | | | | | | | | | | | |
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| **TESTER’S NAME:** |  | | **SIGNATURE:** |  | **DATE:** |  |
| **Received/Checked/Actioned by NAME:** | |  | **SIGNATURE:** |  | **DATE:** |  |

**NOTES:**

\* (MACHINE) TYPE: **D84M / TD84M / 84M, (State if Mk I or Mk III)**

\*\* Please ✓ applicable

+ Set-up detector slides with 3.2mm and 4.8mm gauges no more than 75mm from the tip. Final certification detection testing is to be carried out using 1mm ‘go’ and 2mm ‘no-go’ gauges. Confirm that the detector contacts tested are actuated by the detector rod connected to the closed switch. Ensure the contacts actually open when the detector roller has reached a position along the slide notch that should activate the contact block.

++ With Induction Motors the difference between running current and slip current may not be measureable. Adjustments for each type of mechanism are given in the equipment manual