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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)ORRear Flange OpeningMinimum 60mm*at narrowest point*(✓ when correct) | **POINT LOCK TEST***Go 1.6mmNo-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