# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8609 **Page No** 1 of 18

**Validity** 25/11/2022 to 24/11/2024 **Last Amended on** -

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|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Breakaway/Starting Torque(Current) | IS 8472 |
| 2 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Breakaway/Starting Torque(Power) | IS 8472 |
| 3 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Breakaway/Starting Torque(Torque) | IS 8472 |
| 4 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Breakaway/Starting Torque(Voltage) | IS 8472 |
| 5 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Design Features | IS 8472 |
| 6 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Direction of Rotation | IS 8472 |
| 7 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Current) | IS 8472 |
| 8 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Frequency) | IS 8472 |
| 9 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Power) | IS 8472 |
| 10 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Speed) | IS 8472 |
| 11 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Torque) | IS 8472 |
| 12 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Full Load Performance for Motor(Voltage) | IS 8472 |
| 13 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | General Requirements | IS 8472 |
| 14 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | High Voltage Test | IS 8472 |
| 15 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Hydrostatic Pressure Test | IS 8472 |
| 16 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Ingress Protection (IP44) Test | IS 8472 |
| 17 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Insulation Resistance Test | IS 8472 |
| 18 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Locked Rotor Test(Current) | IS 8472 |

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|---|---|---|---|---|
| 19 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Locked Rotor Test(Power) | IS 8472 |
| 20 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Locked Rotor Test(Torque) | IS 8472 |
| 21 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Locked Rotor Test(Voltage) | IS 8472 |
| 22 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Marking | IS 8472 |
| 23 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Material of Construction | IS 8472 |
| 24 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Measurement of Stator Resistance(Resistance) | IS 8472 |
| 25 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Measurement of Stator Resistance(Temperature) | IS 8472 |
| 26 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | No Load Test(Current) | IS 8472 |
| 27 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | No Load Test(Frequency) | IS 8472 |
| 28 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | No Load Test(Power) | IS 8472 |
| 29 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | No Load Test(Speed) | IS 8472 |
| 30 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | No Load Test(Voltage) | IS 8472 |
| 31 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Current) | IS 8472 |
| 32 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Discharge Pressure) | IS 8472 |
| 33 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Flow) | IS 8472 |
| 34 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Frequency) | IS 8472 |
| 35 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Power) | IS 8472 |
| 36 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Speed) | IS 8472 |
| 37 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Suction Pressure) | IS 8472 |

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| 38 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Pump Performance Test(Voltage) | IS 8472 |
| 39 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Reduced Voltage Running Up Test(Speed) | IS 8472 |
| 40 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Reduced Voltage Running Up Test(Voltage) | IS 8472 |
| 41 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Self-priming Test | IS 8472 |
| 42 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Temperature Rise Test at Rated Voltage(Resistance) | IS 8472 |
| 43 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Temperature Rise Test at Rated Voltage(Temperature) | IS 8472 |
| 44 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Temperature Rise Test at Reduced Voltage(Resistance) | IS 8472 |
| 45 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Centrifugal Regenerative Pumps | Temperature Rise Test at Reduced Voltage(Temperature) | IS 8472 |
| 46 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Design Features | IS 6595 (Part 1) |
| 47 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Direction of Rotation | IS 6595 (Part 1) |
| 48 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | General Requirements | IS 6595 (Part 1) |
| 49 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Hydrostatic Pressure Test | IS 6595 (Part 1) |
| 50 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Impeller Balancing | IS 6595 (Part 1) |
| 51 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Marking | IS 6595 (Part 1) |
| 52 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Material of Construction | IS 6595 (Part 1) |
| 53 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Current) | IS 6595 (Part 1) |
| 54 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Discharge Pressure) | IS 6595 (Part 1) |
| 55 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Flow) | IS 6595 (Part 1) |
| 56 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Frequency) | IS 6595 (Part 1) |

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| 57 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Power) | IS 6595 (Part 1) |
| 58 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Speed) | IS 6595 (Part 1) |
| 59 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Suction Pressure) | IS 6595 (Part 1) |
| 60 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Horizontal Centrifugal Pump | Pump Performance(Voltage) | IS 6595 (Part 1) |
| 61 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Dimensions | IS 12615 |
| 62 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Dimensions | IS 12615 |
| 63 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Earthing | IS 12615 |
| 64 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Current) | IS 12615 |
| 65 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Frequency) | IS 12615 |
| 66 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Power) | IS 12615 |
| 67 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Speed) | IS 12615 |
| 68 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Torque) | IS 12615 |
| 69 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Full Load Test to Determine Efficiency, Power Factor and Slip(Voltage) | IS 12615 |
| 70 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | High Voltage Test | IS 12615 |
| 71 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Ingress Protection (IP44) Test | IS 12615 |
| 72 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Insulation Resistance Test | IS 12615 |

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| 73 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Readings of Voltage, Current and Power Input at a Suitable Reduced Voltage(Current) | IS 12615 |
| 74 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Readings of Voltage, Current and Power Input at a Suitable Reduced Voltage(Power) | IS 12615 |
| 75 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Readings of Voltage, Current and Power Input at a Suitable Reduced Voltage(Voltage) | IS 12615 |
| 76 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Test(Current) | IS 12615 |
| 77 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Test(Frequency) | IS 12615 |
| 78 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Test(Power) | IS 12615 |
| 79 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Test(Torque) | IS 12615 |
| 80 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Locked Rotor Test(Voltage) | IS 12615 |
| 81 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Marking and Labeling | IS 12615 |
| 82 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Measurement of Stator Winding Resistance(Resistance) | IS 12615 |
| 83 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Measurement of Stator Winding Resistance(Temperature) | IS 12615 |
| 84 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Methods of Cooling | IS 12615 |
| 85 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Momentary Overload Test | IS 12615 |
| 86 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | No Load Test(Current) | IS 12615 |
| 87 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | No Load Test(Frequency) | IS 12615 |
| 88 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | No Load Test(Power) | IS 12615 |

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|---|---|---|---|---|
| 89 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | No Load Test(Speed) | IS 12615 |
| 90 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | No Load Test(Voltage) | IS 12615 |
| 91 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Pull Up Torque Test(Frequency) | IS 12615 |
| 92 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Pull Up Torque Test(Torque) | IS 12615 |
| 93 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Pull Up Torque Test(Voltage) | IS 12615 |
| 94 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Reduce Voltage Running Up Test(Speed) | IS 12615 |
| 95 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Reduce Voltage Running Up Test(Voltage) | IS 12615 |
| 96 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise at Limiting Value of Voltage & Frequency(Frequency) | IS 12615 |
| 97 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise at Limiting Value of Voltage & Frequency(Resistance) | IS 12615 |
| 98 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise at Limiting Value of Voltage & Frequency(Temperature) | IS 12615 |
| 99 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise at Limiting Value of Voltage & Frequency(Voltage) | IS 12615 |
| 100 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise Test(Resistance) | IS 12615 |
| 101 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Temperature Rise Test(Temperature) | IS 12615 |
| 102 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Terminal Marking | IS 12615 |
| 103 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Line Operated Three Phase A.C. Motors | Vibration Test | IS 12615 |
| 104 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Breakaway/Starting Torque(Current) | IS 9079 |
| 105 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Breakaway/Starting Torque(Power) | IS 9079 |

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| 106 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Breakaway/Starting Torque(Torque) | IS 9079 |
| 107 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Breakaway/Starting Torque(Voltage) | IS 9079 |
| 108 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Constructional Features | IS 9079 |
| 109 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Design Features | IS 9079 |
| 110 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Direction of Rotation | IS 9079 |
| 111 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Earthing | IS 9079 |
| 112 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | General Requirements | IS 9079 |
| 113 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | High Voltage Test | IS 9079 |
| 114 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Hydrostatic Pressure Test | IS 9079 |
| 115 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Impeller and Rotor Balancing (Horizontal - Left) | IS 9079 |
| 116 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Impeller and Rotor Balancing (Horizontal - Right) | IS 9079 |
| 117 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Impeller and Rotor Balancing (Vertical) | IS 9079 |
| 118 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Ingress Protection (IP44) Test | IS 9079 |
| 119 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Insulation Resistance Test | IS 9079 |
| 120 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Locked Rotor Test(Current) | IS 9079 |
| 121 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Locked Rotor Test(Power) | IS 9079 |
| 122 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Locked Rotor Test(Torque) | IS 9079 |
| 123 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Locked Rotor Test(Voltage) | IS 9079 |
| 124 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Marking | IS 9079 |

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| 125 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Measurement of Stator Windings Resistance (Resistance) | IS 9079 |
| 126 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Measurement of Stator Windings Resistance(Temperature) | IS 9079 |
| 127 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Method of cooling | IS 9079 |
| 128 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | No Load Test(Current) | IS 9079 |
| 129 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | No Load Test(Frequency) | IS 9079 |
| 130 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | No Load Test(Power) | IS 9079 |
| 131 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | No Load Test(Speed) | IS 9079 |
| 132 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | No Load Test(Voltage) | IS 9079 |
| 133 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Current) | IS 9079 |
| 134 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Discharge Pressure) | IS 9079 |
| 135 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Flow) | IS 9079 |
| 136 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Frequency) | IS 9079 |
| 137 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Power) | IS 9079 |
| 138 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Speed) | IS 9079 |
| 139 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Suction Pressure) | IS 9079 |
| 140 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Pump Performance Test(Voltage) | IS 9079 |
| 141 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Reduced Voltage Running up Test(Speed) | IS 9079 |
| 142 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Reduced Voltage Running up Test(Voltage) | IS 9079 |

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| 143 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Temperature Rise Test at Rated Voltage(Resistance) | IS 9079 |
| 144 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Temperature Rise Test at Rated Voltage(Temperature) | IS 9079 |
| 145 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Temperature Rise Test at Reduced Voltage(Resistance) | IS 9079 |
| 146 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Temperature Rise Test at Reduced Voltage(Temperature) | IS 9079 |
| 147 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Terminal Marking | IS 9079 |
| 148 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Monoset Pumps | Testing of Electrical Performance on Motor for Monoset | IS 9079 |
| 149 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Balancing of Rotor | IS 9283 |
| 150 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Cable-Size & Length | IS 9283 |
| 151 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Construction Features | IS 9283 |
| 152 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Dimensions and Tolerances | IS 9283 |
| 153 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Dimensions and Tolerances | IS 9283 |
| 154 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Earthing | IS 9283 |
| 155 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Finish of Bearings | IS 9283 |
| 156 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Full Load Test(Current) | IS 9283 |
| 157 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Full Load Test(Power) | IS 9283 |
| 158 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Full Load Test(Speed) | IS 9283 |
| 159 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Full Load Test(Voltage) | IS 9283 |
| 160 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | High Voltage Test | IS 9283 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

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|---|---|---|---|---|
| 161 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Insulation Resistance Test | IS 9283 |
| 162 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Leakage Current Test | IS 9283 |
| 163 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Locked Rotor Test(Current) | IS 9283 |
| 164 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Locked Rotor Test(Power) | IS 9283 |
| 165 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Locked Rotor Test(Torque) | IS 9283 |
| 166 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Locked Rotor Test(Voltage) | IS 9283 |
| 167 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Measurement of Stator Resistance(Resistance) | IS 9283 |
| 168 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Measurement of Stator Resistance(Temperature) | IS 9283 |
| 169 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Momentary Overload Test | IS 9283 |
| 170 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | No Load Test(Current) | IS 9283 |
| 171 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | No Load Test(Frequency) | IS 9283 |
| 172 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | No Load Test(Power) | IS 9283 |
| 173 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | No Load Test(Speed) | IS 9283 |
| 174 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | No Load Test(Voltage) | IS 9283 |
| 175 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Performance Characteristics/Values(Current) | IS 9283 |
| 176 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Performance Characteristics/Values(Power) | IS 9283 |
| 177 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Performance Characteristics/Values(Speed) | IS 9283 |
| 178 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Performance Characteristics/Values(Voltage) | IS 9283 |
| 179 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Rating Plate | IS 9283 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

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|---|---|---|---|---|
| 180 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Reduced Voltage Running up Test at No Load(Speed) | IS 9283 |
| 181 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Reduced Voltage Running up Test at No Load(Voltage) | IS 9283 |
| 182 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Temperature Rise Test at Rated Voltage(Resistance) | IS 9283 |
| 183 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Temperature Rise Test at Rated Voltage(Temperature) | IS 9283 |
| 184 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Temperature Rise Test at Reduced Voltage(Resistance) | IS 9283 |
| 185 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Temperature Rise Test at Reduced Voltage(Temperature) | IS 9283 |
| 186 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Motors For Submersible Pumpsets | Terminal Markings | IS 9283 |
| 187 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Breakaway/Starting Torque(Current) | IS 14220 |
| 188 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Breakaway/Starting Torque(Power) | IS 14220 |
| 189 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Breakaway/Starting Torque(Torque) | IS 14220 |
| 190 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Breakaway/Starting Torque(Voltage) | IS 14220 |
| 191 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Cable-Size & Length | IS 14220 |
| 192 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Constructional Features | IS 14220 |
| 193 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Design Features | IS 14220 |
| 194 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Direction of Rotation | IS 14220 |
| 195 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Earthing | IS 14220 |
| 196 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | General Requirements | IS 14220 |
| 197 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | High Voltage Test | IS 14220 |
| 198 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Hydrostatic Pressure Test | IS 14220 |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 199 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Impeller and Rotor Balancing (Horizontal - Left) | IS 14220 |
| 200 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Impeller and Rotor Balancing (Horizontal - Right) | IS 14220 |
| 201 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Impeller and Rotor Balancing (Vertical) | IS 14220 |
| 202 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Insulation Resistance Test | IS 14220 |
| 203 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Leakage Current Test | IS 14220 |
| 204 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Locked Rotor Test(Current) | IS 14220 |
| 205 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Locked Rotor Test(Power) | IS 14220 |
| 206 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Locked Rotor Test(Torque) | IS 14220 |
| 207 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Locked Rotor Test(Voltage) | IS 14220 |
| 208 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Marking | IS 14220 |
| 209 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Measurement of Stator Resistance(Resistance) | IS 14220 |
| 210 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Measurement of Stator Resistance(Temperature) | IS 14220 |
| 211 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Method of cooling | IS 14220 |
| 212 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | No Load Test(Current) | IS 14220 |
| 213 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | No Load Test(Frequency) | IS 14220 |
| 214 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | No Load Test(Power) | IS 14220 |
| 215 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | No Load Test(Speed) | IS 14220 |
| 216 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | No Load Test(Voltage) | IS 14220 |
| 217 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Current) | IS 14220 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

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|---|---|---|---|---|
| 218 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Discharge Pressure) | IS 14220 |
| 219 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Flow) | IS 14220 |
| 220 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Frequency) | IS 14220 |
| 221 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Power) | IS 14220 |
| 222 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Pump Performance Test(Voltage) | IS 14220 |
| 223 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Reduced Voltage Running Up Test(Speed) | IS 14220 |
| 224 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Reduced Voltage Running Up Test(Voltage) | IS 14220 |
| 225 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Surface Roughness Test | IS 14220 |
| 226 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Temperature Rise Test at Rated Voltage (Temperature) | IS 14220 |
| 227 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Temperature Rise Test at Rated Voltage(Resistance) | IS 14220 |
| 228 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Temperature Rise Test at Reduced Voltage (Temperature) | IS 14220 |
| 229 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Temperature Rise Test at Reduced Voltage(Resistance) | IS 14220 |
| 230 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Terminal Marking | IS 14220 |
| 231 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Openwell Submersible Pump Set | Test for Electrical Performance on Submersible Motor | IS 14220 |
| 232 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Dimensions | IS 996 |
| 233 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Dimensions | IS 996 |
| 234 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Earthing | IS 996 |
| 235 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | General Construction | IS 996 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

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|---|---|---|---|---|
| 236 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | High Voltage Test | IS 996 |
| 237 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Insulation Resistance Test | IS 996 |
| 238 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Leakage Current Test | IS 996 |
| 239 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Marking & Diagram of Connection | IS 996 |
| 240 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Methods of Cooling | IS 996 |
| 241 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Moisture Proofness Test | IS 996 |
| 242 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Momentary Overload Test | IS 996 |
| 243 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Temperature Rise Test(Resistance) | IS 996 |
| 244 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Temperature Rise Test(Temperature) | IS 996 |
| 245 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Terminal Marking | IS 996 |
| 246 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Breakaway Starting Current at Rated Voltage and Frequency(Current) | IS 996 |
| 247 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Current) | IS 996 |
| 248 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Frequency) | IS 996 |
| 249 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Power) | IS 996 |
| 250 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Speed) | IS 996 |
| 251 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Torque) | IS 996 |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 252 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Full Load Performance at Rated Voltage and Frequency(Voltage) | IS 996 |
| 253 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency(Current) | IS 996 |
| 254 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency(Frequency) | IS 996 |
| 255 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency(Power) | IS 996 |
| 256 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency(Speed) | IS 996 |
| 257 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency(Voltage) | IS 996 |
| 258 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Test for Torques at Rated Voltage and Frequency(Torque) | IS 996 |
| 259 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Single Phase A.C. Induction Motors for General Purpose | Vibration Test | IS 996 |
| 260 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Breakaway/Starting Torque(Current) | IS 8034 |
| 261 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Breakaway/Starting Torque(Power) | IS 8034 |
| 262 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Breakaway/Starting Torque(Torque) | IS 8034 |
| 263 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Breakaway/Starting Torque(Voltage) | IS 8034 |
| 264 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Cable-Size & Length | IS 8034 |
| 265 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Constructional Features | IS 8034 |
| 266 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Design Features | IS 8034 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

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|---|---|---|---|---|
| 267 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Direction of Rotation | IS 8034 |
| 268 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Earthing | IS 8034 |
| 269 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | General Requirements | IS 8034 |
| 270 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | High Voltage Test | IS 8034 |
| 271 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Hydrostatic Pressure Test | IS 8034 |
| 272 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Impeller and Rotor Balancing (Horizontal - Left) | IS 8034 |
| 273 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Impeller and Rotor Balancing (Horizontal - Right) | IS 8034 |
| 274 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Impeller and Rotor Balancing (Vertical) | IS 8034 |
| 275 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Insulation Resistance Test | IS 8034 |
| 276 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Leakage Current Test | IS 8034 |
| 277 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Locked Rotor Test(Current) | IS 8034 |
| 278 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Locked Rotor Test(Power) | IS 8034 |
| 279 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Locked Rotor Test(Torque) | IS 8034 |
| 280 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Locked Rotor Test(Voltage) | IS 8034 |
| 281 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Marking | IS 8034 |
| 282 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Measurement of Stator Resistance(Resistance) | IS 8034 |
| 283 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Measurement of Stator Resistance(Temperature) | IS 8034 |
| 284 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Method of cooling | IS 8034 |
| 285 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Momentary Overload Test | IS 8034 |

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|---|---|---|---|---|
| 286 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | No Load Test(Current) | IS 8034 |
| 287 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | No Load Test(Frequency) | IS 8034 |
| 288 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | No Load Test(Power) | IS 8034 |
| 289 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | No Load Test(Speed) | IS 8034 |
| 290 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | No Load Test(Voltage) | IS 8034 |
| 291 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Current) | IS 8034 |
| 292 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Discharge Pressure) | IS 8034 |
| 293 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Flow) | IS 8034 |
| 294 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Frequency) | IS 8034 |
| 295 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Power) | IS 8034 |
| 296 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Pump Performance Test(Voltage) | IS 8034 |
| 297 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Reduced Voltage Running Up Test(Speed) | IS 8034 |
| 298 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Reduced Voltage Running Up Test(Voltage) | IS 8034 |
| 299 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Surface Roughness Test | IS 8034 |
| 300 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Rated Voltage (Resistance) | IS 8034 |
| 301 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Rated Voltage (Temperature) | IS 8034 |
| 302 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Rated Voltage(Resistance) | IS 8034 |
| 303 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Rated Voltage(Temperature) | IS 8034 |
| 304 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Reduced Voltage (Resistance) | IS 8034 |

# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

| | | | |
|---|---|---|---|
| **Laboratory Name :** | DARSHAN ELECTRICAL TESTING & RESEARCH LABORATORY, AT.HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-8609 | **Page No** | 18 of 18 |
| **Validity** | 25/11/2022 to 24/11/2024 | **Last Amended on** | - |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 305 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Reduced Voltage (Temperature) | IS 8034 |
| 306 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Reduced Voltage(Resistance) | IS 8034 |
| 307 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Temperature Rise Test at Reduced Voltage(Temperature) | IS 8034 |
| 308 | ELECTRICAL- ROTATING ELECTRICAL MACHINES | Submersible Pump Sets | Terminal Marking | IS 8034 |