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All prices below include lunch per day and 15% VAT | Dates are subject to availability and subject to change

|                                      |  |   |   |   |               |
|--------------------------------------|--|---|---|---|---------------|
| <b>C1 – BENCHWORKER (LIGHT DUTY)</b> |  | <b>5 DAYS(08h00 – 16h00)</b>  |   | <b>R6 450.00</b>  |               |
| COURSE CONTENT                       | Day 1-2 : Alternators (12V)  | Day 3-4 : Starters (12V)  | Day 5 : Practical & Theoretical Assessment                                  |   |               |
| <b>C1 – BENCHWORKER (HEAVY DUTY)</b> |  | <b>5 DAYS(08h00 – 16h00)</b>  |   | <b>R9 675.00</b>  |               |
| COURSE CONTENT                       | Day 1-2 : Alternators (12 & 24V)   | Day 3-4 : Starters (12 & 24V)   | Day 5 : Practical & Theoretical Assessment                                  |   |               |
| MINIMUM REQUIRED                     | NO MINIMUM REQUIREMENT / QUALIFICATION   |   | PASS RATE   | Theory 70%  | Practical 90% |
| COURSE DATES                         | 6-10 JANUARY 2020<br>30 MARCH - 3 APRIL 2020<br>22-26 JUNE 2020<br>7-11 SEPTEMBER 2020 | 20-24 JANUARY 2020<br>4-8 MAY 2020<br>20-24 JULY 2020<br>12-16 OCTOBER 2020 | 3-7 FEBRUARY 2020<br>18-22 MAY 2020<br>3-7 AUGUST 2020<br>2-6 NOVEMBER 2020 | 16-20 MARCH 2020<br>1-5 JUNE 2020<br>17-21 AUGUST 2020<br>30 NOV - 4 DEC 2020 |               |

|  |   |   |  |   |               |
|--|---|---|--|---|---------------|
| <b>C2 – BASIC AUTO ELECTRICAL (LIGHT DUTY)</b> |   | <b>5 DAYS(08h00 – 16h00)</b>                                  |  | <b>R6 450.00</b>  |               |
| COURSE CONTENT                                 | Day 1 : Basic Auto Electrical wiring – Theory<br>Day 5 : Practical & Theoretical Assessment | Day 2-3 : Basic Auto Electrical - Practical                   | Day 4 : Basic Wiring – Practical Workshop                        |   |               |
| MINIMUM REQUIRED                               | BASIC ELECTRICAL KNOWLEDGE  |   | PASS RATE  | Theory 70%  | Practical 90% |
| COURSE DATES                                   | 13-17 JANUARY 2020<br>11-15 MAY 2020<br>24-28 AUGUST 2020<br>7-11 DECEMBER 2020             | 10-14 FEBRUARY 2020<br>8-12 JUNE 2020<br>14-18 SEPTEMBER 2020 | 24-28 FEBRUARY 2020<br>29 JUNE – 3 JULY 2020<br>5-9 OCTOBER 2020 | 22-27 MARCH 2020<br>27-31 JULY 2020<br>9-13 NOVEMBER 2020 |               |

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| <b>C3 – BASIC AUTO ELECTRICAL (HEAVY DUTY)</b>       |  | <b>10 DAYS(08h00 – 16h00)</b>                                    |   | <b>R15 500.00</b>  |               |
| <i>Heavy Duty, Plant &amp; Earthmoving Equipment</i> |  |  |   |  |               |
| COURSE CONTENT                                       | Day 1-3 : Basic Auto Electrical wiring – Theory<br>Day 10 : Practical & Theoretical Assessment | Day 4-6 : Basic Auto Electrical – Practical & 24V Starters       | Day 7-9 : Basic Wiring – Practical Workshop & 24V Alternators |  |               |
| MINIMUM REQUIRED                                     | BASIC ELECTRICAL KNOWLEDGE   |  | PASS RATE   | Theory 70%   | Practical 90% |
| COURSE DATES   | 6-17 JANUARY 2020<br>1-12 JUNE 2020<br>7-18 SEPTEMBER 2020                                     | 3-14 FEBRUARY 2020<br>29 JUNE – 3 JULY 2020<br>5-16 OCTOBER 2020 | 16-27 MARCH 2020<br>20-31 JULY 2020<br>2-13 NOVEMBER 2020     | 4-15 MAY 2020<br>17-28 AUGUST 2020<br>30 NOV - 11 DEC 2020 |               |

|  |   |   |   |                  |               |
|--|---|---|---|------------------|---------------|
| <b>C4 – PRODUCT &amp; COMPONENT IDENTIFICATION</b> |   | <b>5 DAYS(08h00 – 16h00)</b>  |   | <b>R6 450.00</b> |               |
| COURSE CONTENT                                     | Day 1 : Starters Components<br>Day 4 : Product Knowledge & Electrolog | Day 2 : Alternator Components<br>Day 5 : Practical & Theoretical Assessment                         | Day 3 : Identifying Auto Electrical Parts |                  |               |
| MINIMUM REQUIRED                                   | NONE  |   | PASS RATE                                 | Theory 80%       | Practical 60% |
| COURSE DATES                                       | 3-7 FEBRUARY 2020<br>6-10 JULY 2020                                   | 26-30 OCTOBER 2020<br>ALTERNATE DATES BY SPECIAL REQUEST – SUBJECT TO AVAILABILITY OF FACILITATORS. |   |                  |               |

|   |   |  |   |   |               |
|---|---|--|---|---|---------------|
| <b>C5 – INTERMEDIATE AUTO ELECTRICAL (LIGHT DUTY)</b> |   | <b>5 DAYS(08h00 – 16h00)</b>   |   | <b>R9 675.00</b>                        |               |
| COURSE CONTENT  | Day 1 : Alternators (Stator Activated & Water Cooled)<br>Day 4 : Electronic Ignition – Theory & Practical | Day 2 : Starters (Reduction Gear & Magnetic)<br>Day 5 : Practical & Theoretical Assessment | Day 3 : Basic Conventional Ignition System & Electronic Ignition (Various Types) – Theory & Practical |   |               |
| MINIMUM REQUIRED                                      | C1 + C2 COMBINED OR C3  |  | PASS RATE   | Theory 70%                              | Practical 90% |
| COURSE DATES  | 27-31 JANUARY 2020<br>17-21 AUGUST 2020   | 17-21 FEBRUARY 2020<br>19-23 OCTOBER 2020  | 18-22 MAY 2020<br>23-27 NOVEMBER 2020   | 27-31 JULY 2020<br>30 NOV - 11 DEC 2020 |               |

| <b>C6 – ADVANCED AUTO ELECTRICAL (LIGHT DUTY)</b> |   | <b>5 DAYS(08h00 – 16h00)</b>  |  | <b>R12 900.00</b>                   |  |
|---|---|---|--|-------------------------------------|--|
| <i>Using Launch, Carman 1 &amp; VG</i>            |   |   |  |                                     |  |
| <b>COURSE CONTENT</b>                             | <b>Day 1</b> : Electronic Ignition Overview & Revision<br><b>Day 4</b> : Analysis & Component Testing – Electrolog Searches & Component Searches  | <b>Day 2</b> : Sensors & Actuators – Theory<br><b>Day 5</b> : Practical & Theoretical Assessment                      | <b>Day 3</b> : Sensors & Actuators – Theory & Practical Carman Diagnostic Scanning |                                     |  |
| <b>C6 – ADVANCED AUTO ELECTRICAL (HEAVY DUTY)</b> |   | <b>5 DAYS(08h00 – 16h00)</b>  |  | <b>R18 600.00</b>                   |  |
| <b>COURSE CONTENT</b>                             | <b>Day 1</b> : Alternators / Stators Activated (H/D) Regs & RT5551<br><b>Day 4</b> : Sensors & Actuators – Carman Diagnostic Scanning Analysis & Component Testing – Electrolog Searches & Component Location | <b>Day 2</b> : Starter Motors in Depth Analysis & Settings (H/D)<br><b>Day 5</b> : Practical & Theoretical Assessment | <b>Day 3</b> : Sensors & Actuators (H/D) – Theory                                  |                                     |  |
| <b>MINIMUM REQUIRED</b>                           | C2 & C5   | <b>PASS RATE</b>  | Theory 70%   | Practical 90%                       |  |
| <b>COURSE DATES</b>                               | 10-14 FEBRUARY 2020<br>1-5 JUNE 2020<br>5-9 OCTOBER 2020  | 23-27 MARCH 2020<br>13-17 JULY 2020<br>2-6 NOVEMBER 2020  | 20-24 APRIL 2020<br>3-7 AUGUST 2020  | 4-8 MAY 2020<br>7-11 SEPTEMBER 2020 |  |

| <b>C9 – TRADE TEST READINESS</b>   |   | <b>5 DAYS(08h00 – 16h00)</b>                                  |   | <b>R6 450.00</b>                         |  |
|--|---|---|---|--|--|
| <b>COURSE CONTENT</b>  | <b>Day 1</b> : Starter Motors<br><b>Day 4</b> : Battery, Hard Starting, Fault Tracing, Distributors and Ignition Timing | <b>Day 2</b> : Alternators<br><b>Day 5</b> : Assessment       | <b>Day 3</b> : Panel Wiring             |  |  |
| <b>MINIMUM REQUIRED</b>  | TRADE TEST DATE AVAILABLE   | <b>PASS RATE</b>  | Theory 70%                              | Practical 90%                            |  |
| <b>COURSE DATES</b>  | 27-31 JANUARY 2020<br>25-29 MAY 2020<br>26-30 OCTOBER 2020  | 17-21 FEBRUARY 2020<br>13-17 JULY 2020<br>23-27 NOVEMBER 2020 | 9-13 MARCH 2020<br>31 AUG – 4 SEPT 2020 | 20-24 APRIL 2020<br>14-18 SEPTEMBER 2020 |  |
| <b>ALTERNATE DATES BY SPECIAL REQUEST – SUBJECT TO AVAILABILITY OF FACILITATORS.</b> |   |   |   |  |  |

| <b>C10 – SOUND AND SECURITY</b> |   | <b>5 DAYS(08h00 – 16h00)</b>                                 |   | <b>R6 450.00</b>                         |  |
|---------------------------------|---|--|---|--|--|
| <b>COURSE CONTENT</b>           | <b>Day 1-2</b> : Alarms, Immobilisers, Anti-hijack, Central Locking and Ultrasonic Sensors<br><b>Day 5</b> : Practical & Theoretical Assessment | <b>Day 3</b> : Radios, Speakers and Antennae                 | <b>Day 4</b> : Fog Lamps, Reverse Sensors and Accessories |  |  |
| <b>MINIMUM REQUIRED</b>         | BASIC ELECTRICAL KNOWLEDGE  | <b>PASS RATE</b>   | Theory 70%  | Practical 90%                            |  |
| <b>COURSE DATES</b>             | 20-24 JANUARY 2020<br>11-15 MAY 2020<br>19-23 OCTOBER 2020  | 24-28 FEBRUARY 2020<br>6-10 JULY 2020<br>16-20 NOVEMBER 2020 | 2-6 MARCH 2020<br>24-28 AUGUST 2020<br>7-11 DECEMBER 2020 | 16-20 MARCH 2020<br>28 SEPT – 2 OCT 2020 |  |

| <b>C11 – BASIC AUTOMOTIVE AIR CONDITIONING</b> |  | <b>5 DAYS(08h00 – 16h00)</b>   |   | <b>R6 450.00</b>                      |  |
|--|--|--|---|---------------------------------------|--|
| <b>COURSE CONTENT</b>                          | <b>Day 1</b> : Functions of AC's, Temperature Characteristics<br><b>Day 4</b> : Workshop Practical | <b>Day 2</b> : Wiring of AC's<br><b>Day 5</b> : Practical & Theoretical Assessment | <b>Day 3</b> : Fault Finding & Trouble Shooting |                                       |  |
| <b>MINIMUM REQUIRED</b>                        | C2 – BASIC AUTO ELECTRICAL   | <b>PASS RATE</b>   | Theory 70%                                      | Practical 90%                         |  |
| <b>COURSE DATES</b>                            | 13-17 JANUARY 2020<br>20-24 JULY 2020  | 2-6 MARCH 2020<br>31 AUG – 4 SEPT 2020   | 25-29 MAY 2020<br>12-16 OCTOBER 2020            | 8-12 JUNE 2020<br>16-20 NOVEMBER 2020 |  |

| <b>C12 – AUTO ELECTRICAL ASSISTANT</b> |  | <b>5 DAYS(08h00 – 16h00)</b>                                       |   | <b>R4 750.00</b>     |  |
|--|--|--|---|----------------------|--|
| <b>COURSE CONTENT</b>                  | <b>Day 1-2</b> : Tools, Wiring Circuits & Computer Systems | <b>Day 3-4</b> : Safety, Wiring Harnesses, Remove & Fit Components | <b>Day 5</b> : Fault Finding & Trouble Shooting |                      |  |
| <b>MINIMUM REQUIRED</b>                | BASIC ELECTRICAL KNOWLEDGE                                 | <b>PASS RATE</b>   | Theory 70%                                      | Practical 90%        |  |
| <b>COURSE DATES</b>                    | 6-10 JANUARY 2020<br>9-13 NOVEMBER 2020                    | 9-13 MARCH 2020  | 22-26 JUNE 2020                                 | 28 SEPT – 2 OCT 2020 |  |

| <b>Q1 – ARPL TRADE TEST (FORMER SECTION 28)</b> |   | <b>R16 500.00</b>                         |                            |
|---|---|---|----------------------------|
| <b>CONTENT</b>                                  | <b>2 Weeks</b> : Trade Test Readiness   | <b>3 Days</b> : Pre-Trade Test Evaluation | <b>2 Days</b> : Trade Test |
| <b>MINIMUM REQUIRED</b>                         | <b>MINIMUM FOUR (4) YEARS' WORK EXPERIENCE WITHIN SOUTH AFRICA WITH GRADE 9 (STANDARD 7) MEETING THE VARIOUS CRITERIA AS STIPULATED IN THE TRADE TEST REGULATIONS VOL. 599 NO. 38758 OF 8 MAY 2015 GAZETTE NO.10425</b> |   |                            |
| <b>DATES</b>                                    | DATES SUBJECT TO TRADE TEST CENTRE AVAILABILITY.  |   |                            |