**NATIONAL APPRENTICE AND INDUSTRIAL TRAINING AUTHORITY**

**Transformation of Apprenticeship NVQ - Establishment Assesment Guide**

# Requirement of Tools , Equipment and others for

# AUTOMOBILE TINKER

**Competency Standards Code : G50S005.2**

**( Selected Package for Apprenticeship Mode )**

**Sourse : National Competency Standard**

**Name , Address of Establishment & Contact Number**

**Date of Assessment :** **District:**

| NO | Tools,Equipments & Others | Requirment for the Units | | | | | | | | Availability at Establishment (Yes/No) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| 1 | Alignment measuring systems | | ✓ | | | | | | | | |
| 2 | All Engineering material related to industry | ✓ | | | | | | | | | |
| 3 | Alloy steels | | | ✓ | | | | | | | |
| 4 | Aluminum sheets and sections | | | ✓ | | | | | | | |
| 5 | Anticorrosive paints | | ✓ | ✓ | ✓ | | | | | | |
| 6 | Body aligning jigs | | | ✓ | | | | | | | |
| 7 | Body alignment measuring systems | | | ✓ | | | | | | | |
| 8 | Body jacks/ pullers | | ✓ | ✓ | ✓ | | | | | | |
| 9 | Body preparation tools | | | | | | | ✓ | | | |
| 10 | Body primer | | ✓ | ✓ | ✓ | | | | | | |
| 11 | body profile gauges | | | | | | | ✓ | | | |
| 12 | Body repair jacks | | | | | ✓ | ✓ | | | | |
| 13 | Body repair tools | | | | | ✓ | ✓ | | | | |
| 14 | Body sealant | | ✓ | | | | | | | | |
| 15 | Bristol boards | | | | ✓ | | | | | | |
| 16 | Calculator | ✓ | | | | | | | | | |
| 17 | Centering gauges | | ✓ | ✓ | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | Chalk | | | ✓ | ✓ | | | | | | |
| 19 | Chassis aligning jigs/bench (manual/automated types) | | ✓ | | | | | | | | |
| 20 | Chassis alignment equipment | ✓ | | | | | | | | | |
| 21 | Clamping racks for windshields and panels | | | | | | | | ✓ | | |
| 22 | Clamps | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 23 | Components Aligning equipment | | | | ✓ | | | | | | |
| 24 | Components aligning measuring equipment | | | | | ✓ | ✓ | | | | |
| 25 | Components racks | | | | | ✓ | ✓ | | | | |
| 26 | Compressed Air supply with water separating system | | | | | | | ✓ | | | |
| 27 | Dash board protection cover | | | | | | | | ✓ | | |
| 28 | Dedicated fixture measuring systems | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | |
| 29 | Dent pullers | | | ✓ | | | | ✓ | | | |
| 30 | Drills | | | | ✓ | | | | | | |
| 31 | Electric or pneumatic portable power tools | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| 32 | Equipment for painting | | | ✓ | | | | | | | |
| 33 | Estimation notes / job details of company | | | ✓ | ✓ | | | | | | |
| 34 | Fender guards | | | | | | | | ✓ | | |
| 35 | Files | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 36 | Galvanized steel | | | ✓ | | | | | | | |
| 37 | General mechanic’s and Special service tools | | ✓ | | | | | | | | |
| 38 | General mechanic’s tools | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 39 | Glass cleaning equipment | | | | | | | | ✓ | | |
| 40 | Grinders | | | | | | | | ✓ | | |
| 41 | Hacksaw blades | | | ✓ | | | | | | | |
| 42 | Hacksaw blades and frame | | | | ✓ | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | Hacksaw blades to suit frame | | | | | ✓ | ✓ | | | | |
| 44 | Hand drills | | | | | | | | ✓ | | |
| 45 | High tensile steel | | | ✓ | | | | | | | |
| 46 | Hydraulic, pneumatic and mechanical pullers and presses | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |
| 47 | Induction heaters | | ✓ | ✓ | | | | | | | |
| 48 | Industry approved chassis straightening equipment | | ✓ | | | | | | | | |
| 49 | Levers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| 50 | manufacturer for body work | | | ✓ | | | | | | | |
| 51 | Masking tape | | | | ✓ | | | | | | |
| 52 | Measuring equipment | | | ✓ | ✓ | ✓ | ✓ | | | | |
| 53 | Measuring tape | | | | | | | | ✓ | | |
| 54 | Measuring tools | ✓ | ✓ | | | | | | | | |
| 55 | Metal cutting shears and other equipment | | | ✓ | | | | | | | |
| 56 | Metal filler | | ✓ | ✓ | | | | | | | |
| 57 | Mild steel | | | ✓ | | | | | | | |
| 58 | Necessary chemicals | | | | ✓ | | | | | | |
| 59 | Nylon string | | | ✓ | | | | | | | |
| 60 | Paint brushes | | | | | | | ✓ | | | |
| 61 | paint mixing scales | | | | | | | ✓ | | | |
| 62 | Paints – nitrocellulose & epoxy based | | | | ✓ | | | | | | |
| 63 | Personal Protective Equipment (PPE) | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | |
| 64 | Pipe benders | | | | ✓ | | | | | | |
| 65 | Polymer plastic welding equipment | | | ✓ | | | | | | | |
| 66 | PPE (Personal Protective Equipment) | | | | ✓ | | | | | | |
| 67 | Recommend special tools for removing panels and reverts | | | | | | | | ✓ | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | Rivet guns | | | | ✓ | | | | | | |
| 69 | Rubber mallets | | | | | | | | ✓ | | |
| 70 | Safety gear | | | | | | | ✓ | | | |
| 71 | Sand paper other necessary sections | | | | ✓ | | | | | | |
| 72 | Scissor | | | | ✓ | | | ✓ | | | |
| 73 | Scrapers | | | | | | | ✓ | | | |
| 74 | Sealant | | | ✓ | | | | | | | |
| 75 | Sealant gun | | | ✓ | | | | ✓ | ✓ | | |
| 76 | Service Manual | | | | ✓ | | | | | | |
| 77 | Special equipment for fixing glass | | | | ✓ | ✓ | ✓ | | ✓ | | |
| 78 | Special service tools | | | | ✓ | | | | | | |
| 80 | Spot welding cutter | | | ✓ | | | | | | | |
| 81 | Spot-welding cutter and welder, MIG/MAG and polymer plastic | | | | | | ✓ | | | | |
| 82 | Spray guns | | | | | | | ✓ | | | |
| 83 | Suction type glass holders | | | | | | | | ✓ | | |
| 84 | Templates | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 85 | Tinker’s tools | | ✓ | ✓ | ✓ | | | | | | |
| 86 | Trammel bar | | ✓ | ✓ | ✓ | | | ✓ | | | |
| 87 | Under coating | | ✓ | | | | | | | | |
| 88 | Universal measuring systems | | | | | | | ✓ | | | |
| 89 | Vehicle protective equipment (seat cover, fender cover, steering wheel cover and floor mats) | | | | ✓ | | | | | | |
| 90 | Vehicle protective item | | | | | ✓ | ✓ | | | | |
| 91 | Water sandpaper | | | ✓ | | | | | | | |
| 92 | Welding equipment for electric (arc) and gas | | | | ✓ | ✓ | ✓ | | | | |
| 93 | Welding rods | | | ✓ | ✓ | | | | | | |
| 94 | Welding unit (Gas, arc, MIG, spot, plasma cutting) | | | ✓ | | | | | | | |

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| 95 | Welding units | | ✓ | | | | | | | | |
| 96 | Windscreen holding pads | | | ✓ | | | | | | | |
| 97 | Windscreen removing cables (manual & thermal) | | | ✓ | | | | | | | |
| 98 | Windshield and door stand | | | | | | | | ✓ | | |
| 99 | Windshields bonding cutter | | | | | | | | ✓ | | |
| 100 | Wire brushes | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |

| | Selected Qualification (Package) | Units |
|---|---|---|
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| ***forwarded by:*** | ***Recommended by:*** |
|---|---|
| *Name of the Officer : ……* | *Name of the Officer : ……* |
| *Designation : ……* | *Designation : ……* |
| *Signature : ……* | *Signature : ……* |
| *Date : ……* | *Date : ……* |
| *Official Stamp : ……* | *Official Stamp : ……* |

***Certified by:***

*Name of the Officer : ……* *Designation : ……*

*Signature : ……* *Official Stamp : ……*

*Date : ……*