<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Material List</th>
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</thead>
</table>
| 1-   | Auto Electrician | Material for whole class  
Self start Engine 5, Car(Mehran) 2, Hydro Meter 10,  
Auto Electric Wiring Bench with accessories 5, Ignition Switch 5,  
Ignition Coil 5, Distributor 5, Auto Wire Coil 5, Battery (12v, 50AH) 5  
Tool Kit 1 for each trainee |
| 4-   | Auto Placket Operation Specialist | Material for whole class  
Auto Placket Machines 25, 25 sets of complete cutting of Mens Long Sleeves 3 Buttons Racket Mock neck in 320 GSM, Fleece in any color and "1" size with 2" Mock Neck 25 sets, Complete set of Accessories like, Thread, Buttons etc for the stitching of Mock Neck 25 |
| 5-   | Beautician | Material for 12 trainee  
Hand/Foot Cream 1 (Parlour pack for 12) Scrub, Cleansing Milk,  
Massage Cream (Made by Dembys), Nail Polish Remover 1 bottle,  
Nail Polish in any shade 1 bottle, Base Coat 1 bottle, Top Coat 1 bottle,  
Shampoo 1 sache for each |
| 6-   | Building Painter | Material for each trainee  
3' x 3'  |
| 7-   | Carpenter | Material for each trainee  
Shisham wood  
for Legs 2  
for Top Rail 3  
for Bottom Rail 1  
Nail 1  
3/8", 1/4", 1/2"  |
| 8-   | Cheff | Material for each trainee  
3' x 3'  |
| 11-  | CNC Machine Operator | Material for each trainee  
MS Round  
Aluminium Round  |
| 12-  | Computer Applications | Material for each trainee  
Pentium-IV computer system, Window XP, MS-Word, MS-Excel & Inpage softwares installed, Internet, HP Laser Jet Printers 3 for all trainees, A4 size Blank Pages |
| 13-  | Computerized Accounting | Material for each trainee  
Pentium-IV computer system, Window XP, MS-Word, MS-Excel & Inpage Software Installed, Internet connection in operation, Laser jet printer, A4 size blank pages, Generator/UPS(Power supply backup) |

Contd.... P-2
15- Cook

Material for each trainee

- Paper for notes, pen, charger for phone, Biscuit 1/2 doz., Rolling pin 1/2, Boiling milk 1 ltr., Salt, Pepper 2.s.

19- Domestic Tailoring

Material for each trainee

- 400 mm Ruler, 1/2 yard Cloth, 4 Pcs. buttons, Scissors 1 pair, 1 yard cotton, 1 yard polyester

22- Electrical Wiring

Material required for each trainee

- Switch plate/Plastic sheet (4x4) 4, Two way switch 2, Lamp Holder 1, Incandescent lamp 1, Three pin socket 1, Fuse or circuit breaker 2, PVC bend 3/4 inch 1, PVC box/board 4x4 inches 4, PVC clamp/saddle (3/4) 18, PVC connector 10 Amp 1

Note:
The general items, tools, equipments, accessories, machinery measuring instruments and consumables used in the training exercises should be kept in adequate quantity and working order to meet the practical test requirements.

23- Fabric Cutting Expert

Material for each trainee

- Knitted Jersey 3, 1/2 Yard, 1 Yard, 1 Yard, 1 Yard, 1 Yard, 1 Yard, 1 Yard, 1 Yard

27- Fabric Quality Inspector

Material for each trainee

- Lab dips on Jersey (19-1763 TCX) atleast 4 options of Lab dips, Lab dips on Jersey (19-3926 TCX) atleast 4 options of Lab dips, Pique Fabric (any GSM any content) matched with (19-3921 TCX) 1 Mtr, Rib 1x1 fabric matched with (19-3921) TCX 1 Mtr, Flat knit Collar & Cuffs matched with (19-3921 TCX) 1 set, Lab dip or Pique fabric as a standard matched with (19-3921 TCX) 1, Standard Light Box with all Light sources like (TL84,UL 3000, UV & D65) 1

31- Fitter General

Material for each trainee

- M.S Flat 2" x 2" x 1/4" (Soft) 1

Tools

- Flat file (300 x 1) 1, Flat file (200 x 1) 1, Flat file (200 x 3) 1, Tap set M10 with drills and drill machine Radius gauge, Vernier caliper, Centre punch with hammer, Try square, Tap handle, Height gauge, Counter Sink drill, Oil can with oil

Note:
All the machinery, Equipments and Tools are ready as per curriculum.

32- Gear Manufacturing

Material required for each trainee

- M.S Round (or) Cast Iron 6 2 1/4" x 1" ready supply as under drawing

Machinery & Equipments required

Universal Milling Machine with required accessories,
Dividing Head with holes plats and tail stock, Mendrel 22mm,
Module Cutter Set No.1.5, Dial indicator with stand, Universal Bevel Protractor,
Tooth Depth Gauge, Number punch set, Plug gauge 22 H7

Hand Tools required for each trainee

Vernier Caliper 150mm, Knife file 150x3, Try Square

Contd.... P-3
Material required for each trainee

**Industrial Electrician**
- PVC wire 10 meter, Exercise Board (1200mm x 800mm) 1,
- Push button (Momentary contact) (ON-Off) 1,
- Wooden Screws (As per requirement), Time Relay 1, Fuses 4,
- Magnetic Contactors (2x2) 2,

Note: Electrician Tool Kit complete, 3 φ motor 2,
Checking & measuring tools required for marking practical exercise prescribed in training course should be ready in working condition compatible to the number of trainees appearing in test (Exam)

**Industrial Fitter**

Material for each trainee
- M.S Round φ 22 x 85mm

Hand Tools for each trainee
- Flat file 300x1, 250x2, 200x3, Try square, Vernier Caliper 150mm,
- Bench with Vice

Machine/Tools/Equipment
- Die M-10 with handle, Vernier Height gauge, Number punch set, Oil can,
- Lathe Machine with accessories

Material for each trainee
- 46cm round, 82cm 1
- 40cm, 60cm, 92cm 1
- 1

**Industrial Stitching Machine Operator**

Material for each trainee
- 46cm round, 82cm 1
- 40cm, 60cm, 92cm 1
- 1

Machinery required
- Overlock 1 (16 threads), Press 1 (water)

Material for each trainee
- 46cm round, 82cm 1
- 40cm, 60cm, 92cm 1
- 1

Note: All tools/components and articles relating to course must be available and in functional order

**Knitting Machine Operator**

Material/Tools for each trainee
- Knitting machines, Articles of Knitting machines etc.

Note: All tools/components and articles relating to course must be available and in functional order

**L.T.V Driving**

Material for trainees
- Knitting machines, Articles of Knitting machines etc.

Note: All tools/components and articles relating to course must be available and in functional order

**Mason**

Material for each trainee
- Bricks 350, Sand 7cf, Cement 47kg

Tools & Equipment for each trainee
- Plumb Bob 1, Trowel 1, Brick Hammer 1, Line & Pins 1, Shovel with Handle 1,
- Spirit Level (Mason Level) 1, Straight Edge 1, Measuring Tape 1, Mortar Pan 2,
- Mason's Square 1, Safety Helmet 1, Mason's Gloves 1, Dangri 1, Safety Shoes 1

**Millwright**

Material for 5 trainees
- Gear pump, Gate valve, Portable conveyor, Reciprocating compressor,
- Flange and coupling, Cylinder and piston rod

Note: All the machinery, Equipment and Tools are ready as per curriculum

**Pipe & General Fitter**

Material for each trainee
- G.I Pipe φ 1/2" 1.5 mtr, G.I Elbow 1/2" 4, G.I Tee 1/2" 1, Thread/Jute

Note: All the machinery, Equipment and Tools must be available according to curriculum

**Pipe & Plate Fabricator**

Material for each trainee
- Plate Plane (6mm thick SA 36 100x100) 1

Note: Machinery, Equipment and tools as per list contained in curriculum must be available in Working condition

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<table>
<thead>
<tr>
<th>No.</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>65</td>
<td>Pipe &amp; Structure Fabricator</td>
<td>Material for each trainee&lt;br&gt;CS pipe dia 50mm, SCH 40 = 950mm, CS Flange Dia 2&quot; WREW SCH 40 = 01 set = 2 pieces,&lt;br&gt;Gasket spiral wound thickness 4mm x 2'”, Elbow 90° LR Dia 50mm SCH = 40 = 01</td>
</tr>
<tr>
<td>67</td>
<td>P.L.C</td>
<td>Material for each trainee&lt;br&gt;PLC (16 inputs &amp; 8 outputs), Computer with PLC software, Data cable (connection between Computer &amp; PLC), Simulator, Tool kit, Connection Leads (As per requirement)</td>
</tr>
<tr>
<td>69</td>
<td>Safety Inspector</td>
<td>Material for each trainee&lt;br&gt;PPES, Material as per course, Tools/Equipment as per curriculum</td>
</tr>
<tr>
<td>70</td>
<td>Scaffolding</td>
<td>Material for a group of 4 trainees&lt;br&gt;M.S tubes (Pipe) 60m &lt;br&gt;Couplers = Right angle couplers 36, Adjustable couplers 12, Revel Pin 2, Planks (Boards) 12, Base plates 4</td>
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<tr>
<td>72</td>
<td>Secretarial Studies</td>
<td>Material for each trainee&lt;br&gt;P-IV computer system with keyboard and mouse, MS Office 2007 (MS Word, Excel, Power Point) should be installed, High speed internet connection is required, HP Laserjet printer with A4 size blank papers</td>
</tr>
<tr>
<td>73</td>
<td>Shuttering Carpenter</td>
<td>Material for each trainee&lt;br&gt;Material for a group of 2 trainees&lt;br&gt;Steel Bar (No.2 N1L)(No.3 N1L)(No.4 N1L), Binding wire 0.20kg, Tools &amp; Equipment for a Group of 2 trainee&lt;br&gt;Cutting base with chool 1, Hammers 1, Cutting chisel set 1, Tonge set 1, Plier 2, Bar bending rod 2, Bar bending bench 1, Measuring tape (steel) 2, Ring base (Bar straighter) 1, Chalk 2</td>
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<tr>
<td>77</td>
<td>Steel Fixer</td>
<td>Material for a group of 2 trainee&lt;br&gt;Steel Bar (No.2 N1L)(No.3 N1L)(No.4 N1L), Binding wire 0.20kg, Tools &amp; Equipment for a Group of 2 trainee&lt;br&gt;Cutting base with chool 1, Hammers 1, Cutting chisel set 1, Tonge set 1, Plier 2, Bar bending rod 2, Bar bending bench 1, Measuring tape (steel) 2, Ring base (Bar straighter) 1, Chalk 2</td>
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<tr>
<td>81</td>
<td>Textile Sales &amp; Marketing</td>
<td>Material for each trainee&lt;br&gt;-NIL-</td>
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<tr>
<td>85</td>
<td>Turner</td>
<td>Material for each trainee&lt;br&gt;Teflon round bar 35 x 110mm&lt;br&gt;Machinery, Equipment &amp; Tools&lt;br&gt;Lathe machine 1 for each trainee, Drill, Tap M12, Threading tool, Tool kit for each trainee, Note: All equipments and tool are available according to curriculum.</td>
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<tr>
<td>89</td>
<td>Welder/Construction Fabricator</td>
<td>Material for each trainee&lt;br&gt;M.S Flat 1/2&quot; x 1/16&quot; (13 x1.6mm) 10 feet, Welding Electrode (E6013 φ SWG = 10/12) 1 packet for all trainee&lt;br&gt;Tools &amp; Equipment&lt;br&gt;Complete Arc welding set with all accessories (8 sets), Try square, Steel Tape etc, Circular cutter and grinder, Tong, Wire brush, Chipping hammer etc, Steel tape</td>
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