TYRE REPAIRER

COMPETENCY BASED CURRICULUM

(Duration: 06 months.)

APPRENTICESHIP TRAINING SCHEME (ATS)

NSQF LEVEL-3



कौशल भारत - कशल भारत

SECTOR – AUTOMOBILE



GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP
DIRECTORATE GENERAL OF TRAINING





TYRE REPAIRER

(Revised in 2018)

APPRENTICESHIP TRAINING SCHEME (ATS)

NSQF LEVEL - 3

Developed By

Ministry of Skill Development and Entrepreneurship

Directorate General of Training

CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE

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Special acknowledgement by DGT to the following expert members who have contributed immensely in this curriculum.

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1.1 Apprenticeship Training Scheme under Apprentice Act 1961

The Apprentices Act, 1961 was enacted with the objective of regulating the programme of training of apprentices in the industry by utilizing the facilities available therein for imparting on-the-job training. The Act makes it obligatory for employers in specified industries to engage apprentices in designated trades to impart Apprenticeship Training on the job in industry to school leavers and person having National Trade Certificate(ITI pass-outs) issued by National Council for Vocational Training (NCVT) to develop skilled manpower for the industry. There are four categories of apprentices namely; trade apprentice, graduate, technician and technician (vocational) apprentices.

Qualifications and period of apprenticeship training of **trade apprentices** vary from trade to trade. The apprenticeship training for trade apprentices consists of basic training followed by practical training. At the end of the training, the apprentices are required to appear in a trade test conducted by NCVT and those successful in the trade tests are awarded the National Apprenticeship Certificate.

The period of apprenticeship training for graduate (engineers), technician (diploma holders and technician (vocational) apprentices is one year. Certificates are awarded on completion of training by the Department of Education, Ministry of Human Resource Development.

1.2 Changes in Industrial Scenario

Recently we have seen huge changes in the Indian industry. The Indian Industry registered an impressive growth during the last decade and half. The number of industries in India have increased manifold in the last fifteen years especially in services and manufacturing sectors. It has been realized that India would become a prosperous and a modern state by raising skill levels, including by engaging a larger proportion of apprentices, will be critical to success; as will stronger collaboration between industry and the trainees to ensure the supply of skilled workforce and drive development through employment. Various initiatives to build up an adequate infrastructure for rapid industrialization and improve the industrial scenario in India have been taken.

1.3 Reformation

The Apprentices Act, 1961 has been amended and brought into effect from 22nd December, 2014 to make it more responsive to industry and youth. Key amendments are as given below:

- Prescription of number of apprentices to be engaged at establishment level instead of trade-wise.
- Establishment can also engage apprentices in optional trades which are not designated, with the discretion of entry level qualification and syllabus.
- Scope has been extended also to non-engineering occupations.
- Establishments have been permitted to outsource basic training in an institute of their choice.
- The burden of compliance on industry has been reduced significantly.

2.1 GENERAL

Directorate General of Training (DGT) under Ministry of Skill Development & Entrepreneurship offers range of vocational training courses catering to the need of different sectors of economy/ Labour market. The vocational training programmes are delivered under aegis of National Council of Vocational Training (NCVT). Craftsman Training Scheme (CTS) and Apprenticeship Training Scheme (ATS) are two pioneer programmes of NCVT for propagating vocational training.

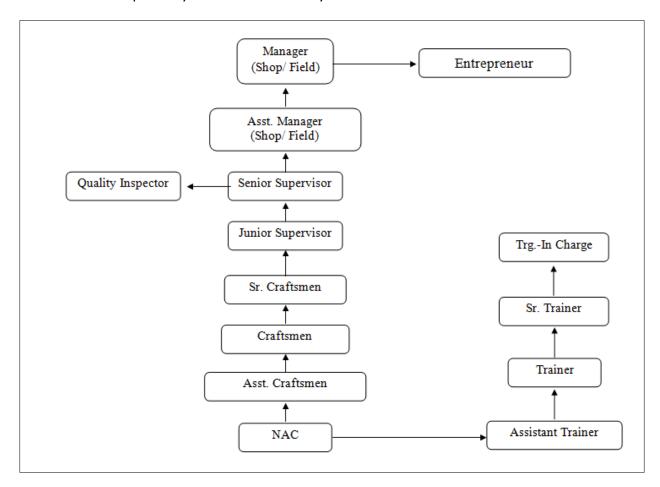
Tyre Repairer trade under ATS is one of the most popular courses delivered nationwide through different industries. The course is of Six month duration (01 Block of 6months including basic training). It mainly consists of Domain area and Core area. In the Domain area Trade Theory & Practical impart professional - skills and knowledge, while Core area - and Employability Skills imparts requisite core skills & knowledge and life skills. After passing out the training programme, the trainee is being awarded National Apprenticeship Certificate (NAC) by NCVT having worldwide recognition.

Broadly candidates need to demonstrate that they are able to:

- Identify necessary materials and tools;
- Perform task with due consideration to safety rules.
- Apply professional skill, knowledge, core skills & employability skills while performing jobs.

2.2 CAREER PROGRESSION PATHWAYS:

• Indicative pathways for vertical mobility.



2.3 COURSE STRUCTURE:

Table below depicts the distribution of training hours across various course elements during a period of Six Months (*Basic Training and On-Job Training*):-

Total training duration details: -

Time (in months)	1	2-6
Basic Training	Block- I	
Practical Training (On - job training)		Block – I

A. Basic Training

For 02 yrs. Course (Non-Engg.):- Total 03 months: 03 months in 1styr.only

For 01 yr. Course (Non-Engg):- Total 03 months: 03 months in 1st yr.

For 06 months Course (Non – Engg.): - Total 01 month: 01 month in 06 Months duration

SI. No.	Course Element	Total Notional Training Hours (For 06 months course)
1	Professional Skill (Trade Practical)	100
2	Professional Knowledge (Trade Theory)	45
3	Employability Skills	55
	Total (including Internal Assessment)	200

B. On-Job Training:-

For O6Months Course (Non-Engg.) :-(Total 05 months)

Notional Training Hours for On-Job Training: 840 Hrs.

C. Total training hours:-

Duration	Basic Training	On-Job Training	Total
For 02 yrs. Course (Non- Engg.)	500 hrs.	3640 hrs.	4140 hrs.
For 01 yr. Course (Non-Engg.)	500 hrs.	2080 hrs.	2580 hrs.
For 06 months Course (Non- Engg.)	200 hrs.	840 hrs.	1040 hrs.

2.4 ASSESSMENT & CERTIFICATION:

The trainee will be tested for his skill, knowledge and attitude during the period of course and at the end of the training programme as notified by Govt of India from time to time. The Employability skills will be tested in first two semesters only.

a) The **Internal assessment** during the period of training will be done by **Formative assessment method** by testing for assessment criteria listed against learning outcomes. The training

institute have to maintain individual *trainee portfolio* as detailed in assessment guideline. The marks of internal assessment will be as per the template (Annexure – II).

b) The final assessment will be in the form of summative assessment method. The All India Trade Test for awarding NAC will be conducted by NCVT on completion of course as per guideline of Govt of India. The pattern and marking structure is being notified by govt of India from time to time. The learning outcome and assessment criteria will be basis for setting question papers for final assessment. The examiner during final examination will also check individual trainee's profile as detailed in assessment guideline before giving marks for practical examination.

2.4.1 PASS REGULATION

The minimum pass percent for Practical is 60% & minimum pass percent for Theory subjects 40%. The candidate pass in each subject conducted under all India trade test.

2.4.2 ASSESSMENT GUIDELINE

Appropriate arrangements should be made to ensure that there will be no artificial barriers to assessment. The nature of special needs should be taken into account while undertaking assessment. Due consideration should be given while assessing for team work, avoidance/reduction of scrap/wastage and disposal of scarp/wastage as per procedure, behavioral attitude, sensitivity to environment and regularity in training. The sensitivity towards OSHE and self-learning attitude are to be considered while assessing competency.

Assessment will be evidence based comprising the following:

- Job carried out in labs/workshop
- Record book/ daily diary
- Answer sheet of assessment
- Viva-voce
- Progress chart
- Attendance and punctuality
- Assignment
- Project work

Evidences of internal assessments are to be preserved until forthcoming semester examination for audit and verification by examination body. The following marking pattern to be adopted while assessing:

Performance Level	Evidence
(a) Weightage in the range of 60 -75% to be a	allotted during assessment

For performance in this grade, the candidate with occasional guidance and showing due regard for safety procedures and practices, has produced work which demonstrates attainment of an acceptable standard of craftsmanship.

- Demonstration of good skill in the use of hand tools, machine tools and workshop equipment
- Below 70% tolerance dimension/accuracy achieved while undertaking different work with those demanded by the component/job/set standards.
- A fairly good level of neatness and consistency in the finish
- Occasional support in completing the project/job.

(b) Weightage in the range of above 75% - 90% to be allotted during assessment

For this grade, the candidate, with little guidance and showing due regard for safety procedures and practices, has produced work which demonstrates attainment of a reasonable standard of craftsmanship.

- Good skill levels in the use of hand tools, machine tools and workshop equipment
- 70-80% tolerance dimension/accuracy achieved while undertaking different work with those demanded by the component/job/set standards.
- A good level of neatness and consistency in the finish
- Little support in completing the project/job

(c) Weightage in the range of above 90% to be allotted during assessment

For performance in this grade, the candidate, with minimal or no support in organization and execution and with due regard for safety procedures and practices, has produced work which demonstrates attainment of a high standard of craftsmanship.

- High skill levels in the use of hand tools, machine tools and workshop equipment
- Above 80% tolerance dimension/accuracy achieved while undertaking different work with those demanded by the component/job/set standards.
- A high level of neatness and consistency in the finish.
- Minimal or no support in completing the project.

Brief description of Job roles:

Tyre Repairer; Tyre Repairman repairs or remedies defects in cured tyres by retreading, vulcanising or other processes. Examines and probes tyre with awl (a small pointed tool for making holes) to determine extent of defect; buffs blemishes from tyre, using portable buffer; cuts out rubber around cracks and buffs area to prepare it for patching; cements gum rubber patch to cut-out to build up defective area; rolls down patch with hand stitcher and punctures air pockets in patch to remove trapped air; buffs and trims excess rubber from tyre; replaces treads by cutting defective tread from plies, buffing ply surface, and cementing new tread on plies. May tend vulcanizing machine to cure patch on tyre for specified time. May be known as Retreader, Tyre, if engaged in tyre retreading.

Reference NCO 2015: 8141.2100 - Tyre Repairer

NSQF level for Tyre Repairer trade under ATS: Level 3

As per notification issued by Govt. of India dated- 27.12.2013 on National Skill Qualification Framework total 10 (Ten) Levels are defined.

Each level of the NSQF is associated with a set of descriptors made up of five outcome statements, which describe in general terms, the minimum knowledge, skills and attributes that a learner needs to acquire in order to be certified for that level.

Each level of the NSQF is described by a statement of learning outcomes in five domains, known as level descriptors. These five domains are:

- a. Process
- b. Professional knowledge,
- c. Professional skill,
- d. Core skill and
- e. Responsibility.

The Broad Learning outcome of Tyre Repairer trade under ATS mostly matches with the Level descriptor at Level- 3.

The NSQF level-3 descriptor is given below:

Level	Process Required	Professional Knowledge	Professional Skill	Core Skill	Responsibility
Level 3	Person may carry put a job which may require limited range of activities routine and	Basic facts, process and principle applied in trade of employment	Recall and demonstrate practical skill, routine and repetitive in narrow range of	Communication written and oral, with minimum required clarity, skill of basic arithmetic and algebraic	supervision Some Responsibility
	predictable		application	principles, person al banking, basic understanding of social and natural environment	

5. GENERAL INFORMATION

	,
Name of the Trade	TYRE REPAIRER
NCO - 2015	8141.2100 Tyre Repairer
NSQF Level	Level – 3
Duration of Apprenticeship Training (Basic Training + On-Job Training)	1 month+ Five Months (01 Block of 06 months duration including basic training).
Duration of Basic Training	a) Block –I: 1 month Total duration of Basic Training: 1 month
Duration of On-Job Training	a) Block-I: 5 months Total duration of Practical Training: 5 months
Entry Qualification	Passed in 8th Class examination under the 10+2 system of Education or its equivalent
Selection of Apprenticeship	The apprentices will be selected as per Apprenticeship Act amended time to time.
Instructors Qualification for Basic Training	As per ITI instructors qualifications as amended time to time for the specific trade.
Infrastructure for basic training	As per related trade of ITI.
Examination	The internal examination/ assessment will be held on completion of each block. Final examination for all subjects will be held at the end of course and same will be conducted by NCVT.
Rebate to Ex-ITI Trainees	NA
CTS trades eligible for Tyre Repair (Apprenticeship)	NA

Note:

- Industry may impart training as per above time schedule for different block, however this is not fixed. The industry may adjust the duration of training considering the fact that all the components under the syllabus must be covered. However the flexibility should be given keeping in view that no safety aspects is compromised.
- For imparting Basic Training the industry to tie-up with ITIs having such specific trade and affiliated to NCVT.

6.1 GENERIC LEARNING OUTCOME

The following are minimum broad Common Occupational Skills/ Generic Learning Outcome after completion of the Tyre Repairer course of 06 Months duration under ATS.

Block I:-

- 1. Recognize & comply safe working practices.
- 2. Explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity & quality.
- 3. Explain entrepreneurship related task in day to day work for personal & societal growth.

6.2 SPECIFIC LEARNING OUTCOME

Block - I

- 1. Ensure safety measures while doing tyre repairing operation.
- 2. Proper placement of tyres for curing and operating curing press.
- 3. Visual inspection of tyre for leakage and correct amount of pressure.
- 4. Improve the quality of tyres treatment with hot process.
- 5. Improve the quality of tyres treatment with cold process.

Note: Learning outcomes are reflection of total competencies of a trainee and assessment will be carried out as per assessment criteria.

7. LEARNING OUTCOME WITH ASSESSMENT CRITERIA

GENERIC LEARNING OUTCOME			
LEARNING OUTCOMES		ASSESSMENT CRITERIA	
1. Recognize & comply safe	1. 1.	Follow and maintain procedures to achieve a safe	
working practices,		working environment in line with occupational	
environment regulation and		health and safety regulations and requirements.	
housekeeping.	1. 2.	Recognize and report all unsafe situations	
		according to site policy.	
	1. 3.	Identify and take necessary precautions on fire and	
		safety hazards and report according to site policy	
		and procedures.	
	1. 4.	Identify, handle and store / dispose off	
		dangerous/unsalvageable goods and substances	
		according to site policy and procedures following	
		safety regulations and requirements.	
	1. 5.	Identify and observe site policies and procedures in	
		regard to illness or accident.	
	1. 6.	Identify safety alarms accurately.	
	1. 7.	Report supervisor/ Competent of authority in the	
		event of accident or sickness of any staff and record	
		accident details correctly according to site	
	1. 8.	accident/injury procedures. Identify and observe site evacuation procedures	
	1. 0.	according to site policy.	
	1. 9.	Identify Personal Productive Equipment (PPE) and	
	2.3.	use the same as per related working environment.	
	1. 10.		
		circumstances.	
	1. 11.	Identify different fire extinguisher and use the same	
		as per requirement.	
	1. 12.	Identify environmental pollution & contribute to	
		avoidance of same.	
	1. 13.	Take opportunities to use energy and materials in an	
		environmentally friendly manner	
	1. 14.	Avoid waste and dispose waste as per procedure	
	1. 15.	1 , ,	
		same in the working environment.	
2. Explain the concept in		explain the concept of productivity and quality tools	
productivity, quality tools,		and apply during execution of job.	
and labour welfare legislation		Jnderstand the basic concept of labour welfare	
and apply such in day to day	Į.	egislation and adhere to responsibilities and remain	

work to improve productivity & quality.	sensitive towards such laws.
	2.3 Knows benefits guaranteed under various acts
3. Explain personnel finance,	3. 1. Explain entrepreneurship.
entrepreneurship related task in day to day work for personal & societal growth.	 3. 2. Explain role of Various Schemes and Institutes for self-employment i.e. DIC, SIDA, SISI, NSIC, SIDO, Idea for financing/ non financing support agencies to familiarizes with the Policies /Programmes & procedure & the available scheme. 3. 3. Prepare Project report to become an entrepreneur for submission to financial institutions.

SPECIFIC OUTCOME

Block-I

Assessment Criteria i.e. the standard of performance, for each specific learning outcome mentioned under **block** — I (section: 10) must ensure that the trainee performs job that requires limited range of activities which are routine and predictable. Assessment criteria should broadly cover the aspect of **Planning** (Identify, ascertain, etc.); **Execution** (perform, illustration, etc. by applying basic methods, tools, materials and information 2) Knowledge of basic facts, process and principle applied in trade of employment3) Basic Mathematical Skills and **Checking/ Testing** to ensure functionality during the assessment of each outcome. The assessments parameters must also ascertain that the candidate is responsible for own work within defined limit.

BASIC TRAINING (Block – I)

Duration: (01) One Month

Week	Professional Skills	Professional Knowledge
No.	(Trade Practical)	(Trade Theory)
1.	Familiarize with tools & machineries available in the Workshop - their use and upkeep. Importance of maintenance and cleanliness of Workshop, tools, machineries etc. Familiarize with different sizes, makes and kinds of tyres. Familiarization with the names of different portions of a tyre.	General information of the course – duration of the course and course content. Common tools, equipment & machinery for tyre repairing – their names, use & precautions to be observed at the time of using them. Importance of safety and general precautions to be observed in the shop. Brief description & use of different kind of safety equipment used in the shop. Elementary first aid.
2	Remove and refit wheels and tyres. Checking of tyres. Remove tube, check for any leakage and repairing. Inflate tyres at correct pressure. Repair tyres by patching - inspect tyres to determine the extent of effect, prepare tyre surface around crack for patching, cement gum and rubber patch to defective area, rolling down patch with hand stitcher, remove trapped air from patch, buffing and trimming excess rubber from tyre.	Construction & specification of tyres. Tyre repair materials. Causes of damage of tyres and their procedure. Wheel removing and refitting procedure. Tyre removing, refitting, checking & inflating procedure.
3	Retread tyres by hot process – inspect tyres for re-treading, prepare tyre surface for re-treading, apply solution, select the moulds, apply tread rubber and re-tread tyres by hot retreading process.	Description of step by step procedure for tyre repairing by patching. Description of step by step procedure for tyre retreading through hot process.
4	Retread tyres by cold process – prepare tyre surface for retreading, apply solution, applying rubber and retread tyres by cold process. Diagnose the causes for improper retreading and rectify the defects. Internal Assessm	for tyre retreading through cold process.

<u>Note:</u> - More emphasis to be given on video/real-life pictures during theoretical classes. Some real-life pictures/videos of related industry operations may be shown to the trainees to give a feel of Industry and their future assignment.

9.1 EMPLOYABILITY SKILLS

(DURATION: - 55 HRS.)

Topic	Topic	Duration
No.	•	(in hours)
	English Literacy	7
1.	Pending	_
1.	Reading Reading and understanding simple sentences about self, work and	
	environment	
2.	Writing	_
۷.	Construction of simple sentences Writing simple English	
3.	Speaking / Spoken English	_
	Speaking with preparation on self, on family, on friends/ classmates, on	
	know, picture reading gain confidence through role-playing and	
	discussions on current happening job description, asking about	
	someone's job habitual actions. Taking messages, passing messages on	
	and filling in message forms Greeting and introductions office	
	hospitality, Resumes or curriculum vita essential parts, letters of	
	application reference to previous communication.	
	I.T. Literacy	10
1.	Basics of Computer	_
	Introduction, Computer and its applications, Hardware and peripherals,	
	Switching on-Starting and shutting down of computer.	
2.	Word processing and Worksheet	
	Basic operating of Word Processing, Creating, opening and closing	
	Documents, use of shortcuts, Creating and Editing of Text, Formatting	
	the Text, Insertion & creation of Tables. Printing document.	
	Basics of Excel worksheet, understanding basic commands, creating	
	simple worksheets, understanding sample worksheets, use of simple	
	formulas and functions, Printing of simple excel sheets.	
	Use of External memory like pen drive, CD, DVD etc,	
3.	Computer Networking and INTERNET	
	Accessing the Internet using Web Browser, Downloading and Printing	
	Web Pages, Opening an email account and use of email. Social media	
	sites and its implication.	
	Communication Skill	18
1	Introduction to Communication Skills	
	Communication and its importance	
	Principles of Effective communication	
	Types of communication - verbal, nonverbal, written, email,	
	talking on phone.	

	Nonverbal communication - components-Para-language	
	Body - language	
	Barriers to communication and dealing with barriers.	
2	Listening Skills	
	Listening-hearing and listening, effective listening, barriers to effective	
	listening guidelines for effective listening.	
3	Motivational Training	
	Characteristics Essential to Achieving Success	
	The Power of Positive Attitude	
	Self awareness	
	Importance of Commitment	
	Ethics and Values	
	Ways to Motivate Oneself	
	Personal Goal setting and Employability Planning.	
4	Facing Interviews	
	Manners, Etiquettes, Dress code for an interview	
	Do's & Don'ts for an interview	
	Entrepreneurship skill	8
1.	Concept of Entrepreneurship	
	Entrepreneurship - Enterprises:-Conceptual issue.	
	Source of business ideas, Entrepreneurial opportunities, The process of	
	setting up a business.	
2.	Institutions Support	
	Role of Various Schemes and Institutes for self-employment i.e. DIC,	
	SIDA, SISI, NSIC, SIDO, Idea for financing/ non financing support agencies	
	to familiarizes with the Policies /Programmes & procedure & the	
	available scheme.	
	Productivity	
1.	Productivity	
_	Definition, Necessity.	
2.	Affecting Factors	
	Skills, Working Aids, Automation, Environment, Motivation	
	How improves or slows down.	
3.	Personal Finance Management	
	Banking processes, Handling ATM, KYC registration, safe cash handling,	
	Personal risk and Insurance.	
	Occupational Safety, Health & Environment Education	6
1	Safety & Health	
	Introduction to Occupational Safety and Health importance of safety and	
	health at workplace.	
2	Occupational Hazards	
	Basic Hazards, Chemical Hazards, Vibro-acoustic Hazards, Mechanical	
	Hazards, Electrical Hazards, Thermal Hazards. Occupational health,	
	nazarus, Electricai nazarus, Thermai hazarus. Occupationai nealth,	

	Occupational hygienic, Occupational Diseases/ Disorders & its						
	prevention.						
3	Accident & safety						
	Basic principles for protective equipment.						
	Accident Prevention techniques - control of accidents and safety						
	measures.						
4	First Aid						
	Care of injured & Sick at the workplaces, First-Aid & Transportation of						
	sick person						
	Labour Welfare Legislation						
1	Welfare Acts						
	Benefits guaranteed under various acts- Factories Act, Apprenticeship						
	Act, Employees State Insurance Act (ESI), Employees Provident Fund Act.						
	Quality Tools						
1.	Quality Consciousness :						
	Meaning of quality, Quality Characteristic						
2.	Quality Circles :						
	Definition, Advantage of small group activity, objectives of quality Circle,						
	Roles and function of Quality Circles in Organization, Operation of						
	Quality circle. Approaches to starting Quality Circles, Steps for						
	continuation Quality Circles.						
3.	House Keeping :						
	Purpose of Housekeeping, Practice of good Housekeeping.						
4.	Quality Tools						
	Basic quality tools with a few examples						

10. DETAILS OF COMPETENCIES (ON-JOBTRAINING)

The **competencies/ specific outcomes** on completion of On-Job Training are detailed below: -

Block - I

- 1. Ensure safety measures while doing tyre repairing operation.
- 2. Proper placement of tyres for curing and operating curing press.
- 3. Visual inspection of tyre for leakage and correct amount of pressure.
- 4. Improve the quality of tyres treatment with hot process.
- 5. Improve the quality of tyres treatment with cold process.

Note:

- 1. Industry must ensure that above mentioned competencies are achieved by the trainees during their on job training.
- 2. In addition to above competencies/ outcomes industry may impart additional training relevant to the specific industry.

$\frac{\text{INFRASTRUCTURE FOR PROFESSIONAL SKILL \& PROFESSIONAL}}{\text{KNOWLEDGE}}$

TYRE REPAIRER										
LIST OF TOOLS AND EQUIPMENT for Basic Training (For 20 Apprentices)										
A. TRAINEES TOOL KIT										
SI. No.	Name of the items	Specification	Quantity							
1.	Rule Steel	30 cm	21 nos.							
2.	Divider Spring	15 cm	21 nos.							
3.	Prick Punch	15 cm	21 nos.							
4.	Chisel cross cut	3X8 cm	21 nos.							
5.	Hammer Ball Peen	0.5 kg	21 nos.							
6.	Hammer copper	1 kg with handle	21 nos.							
7.	Engineering square	15 cm blade	21 nos.							
8.	Scriber	21 nos.								
B: INSTRUMENTS & GENERAL SHOP OUTFIT										
9.	Set of Garage tools, plug spanners, tapped spanner set, box spanner set and die set, piston ring expander, kir electrician fitter, tool kit for scooter steel Punch set, body repair tool kit, pliers, wheel spanner set etc.	1 set								
10.	Hydraulic car lift	1								
11.	Hydraulic mobile crane	7 75.9 M 21177	1							
12.	Tyre Changer	1								
13.	Tyre remover/opener (manual type)		1							
14.	Tyre remover/opener (pneumatic / hydraulic type)	1								
15.	Tubeless Tyre Repair Kit	1								
16.	Tube vulcanizing Machine		1							

TOOLS & EQUIPMENTS FOR EMPLOYABILITY SKILLS								
Sl. No.	Name of the items							
1.	Computer (PC) with latest configurations and Internet connection with standard operating system and standard word processor and worksheet software	10 Nos.						
2.	UPS - 500VA	10 Nos.						
3.	Scanner cum Printer	1 No.						
4.	Computer Tables	10 Nos.						
5.	Computer Chairs	20 Nos.						
6.	LCD Projector	1 No.						
7.	White Board 1200mm x 900mm	1 No.						

Note: - Above Tools & Equipments not required, if Computer LAB is available in the institute.



FORMAT FOR INTERNAL ASSESSMENT

Name & Address of the Assessor :						Year	Year of Enrollment :							
Name & Address of ITI (Govt./Pvt.) :							Date	Date of Assessment :						
Name & Address of the Industry :						4	Asses	Assessment location: Industry / ITI						
Trade Name : Seme			ester:	200			Dura	Duration of the Trade/course:						
Learning Outcome:														
	Maximum Marks (Total 100 Marks)			5	10	5	10	10	5	10	15	15	nt	
SI. No	Candidate Name	Father's/Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)
1		कारार	17 8	113	(T =	कर। ज	ei .	414	:ci					
2														