

NSDA Code 2020/LT/DGT/03719
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CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Directorate General of Training (DGT)
Government of India, Ministry of Skill Development and Entrepreneurship,
1st and 2nd Floor, CIRTES Building
Next to Pusa ITI, Pusa Campus
New Delhi – 110012.

Name and address of submitting body:

Directorate General of Training (DGT)
Government of India, Ministry of Skill Development and Entrepreneurship,
1st and 2nd Floor, CIRTES Building
Next to Pusa ITI, Pusa Campus
New Delhi – 110012.

Name and contact details of individual dealing with the submission

Name: Shri Deepankar Mallick

Position in the organisation: Deputy Director General (C & P)

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List of documents submitted in support of the Qualifications File

1. Competency-based curriculum with following details:

Model Curriculum to be added which will include the following:

- a) Indicative list of tools/equipment to conduct the training: Enclosed with curriculum
- b) Trainers qualification: Indicated in the curriculum
- c) Lesson Plan: All DGT curricula are designed indicating specific practical to be carried out during training along with details of trade theory. Based on this the

concerned instructor prepares the Lesson Plan and Demonstration Plan with support of IMPs developed by NIMI,DGT.

d) Distribution of training duration into theory/practical/OJT component: Indicated in the curriculum.

2. Curriculum for Core Skills (Employability Skills).

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e) SUMMARY

1	Qualification Title	'FOOTWEAR MAKER'
2	Qualification Code, if any	DGT/1091
3	NCO code and occupation	7536.0200 – Shoemaker, Orthopaedic 7536.0100 – Shoemaker, Hand
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	Prepare skilled craftsman to undertake the job roles of Footwear Maker and will enable the trainee to make complete footwear, mainly of leather, for each individual customers or customers with foot or leg deformities. It is long term qualification.
5	Body/bodies which will award the qualification	Directorate General of Training (DGT).
6	Body which will accredit providers to offer courses leading to the qualification	Directorate General of Training (DGT) accredits the Training providers (ITIs/ NSTIs/ MSTIs/ BTCs/ BTPs / Industries / Establishments).
7	Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)	Yes. The accreditation/ affiliation norms and any amendments made from time to time are available on DGT web portal.
8	Occupation(s) to which the qualification gives access	<ul style="list-style-type: none"> • 7536.0200 – Shoemaker, Orthopaedic • 7536.0100 – Shoemaker, Hand
9	Job description of the occupation	The individual makes complete shoe or other footwear mainly of leather for each individual customer. Takes measurement of customer's feet and studies design of shoe or footwear to be made. Selects and estimates material required for making different components such as upper, lining, sole, etc. Marks leather components with patterns and cuts them with knife (rapi) ensuring accuracy and minimum wastage etc.
10	Licensing requirements	NOT REQUIRED

11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	NOT APPLICABLE		
12	Level of the qualification in the NSQF	Level 3		
13	Anticipated volume of training/learning required to complete the qualification	Sl. No.	Course Element	Notional Training Hours
		1	Professional Skill (Trade Practical)	1200
		2	Professional Knowledge (Trade Theory)	240
		3	Employability Skills	160
			Total	1600
14	Indicative list of training tools required to deliver this qualification	As per Annexure-I of curriculum.		
15	Entry requirements and/or recommendations and minimum age	Passed 8 th class examination. Minimum age 14years as on first day of academic session.		
16	Progression from the qualification (Please show Professional and academic progression)	An Individual can proceed for:		
		Professional <ul style="list-style-type: none"> • Craftsman • Senior Craftsman • Supervisor • Manager • Entrepreneur 	Technical / Academic <div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto;"></div> ATS Diploma/ CITS Advance Diploma (Vocational)	
17	Arrangements for the Recognition of Prior learning (RPL)	<ul style="list-style-type: none"> • Yes (For more details refer “Guidelines for Private candidate” in DGT website MIS portal). 		
18	International comparability where known (research evidence to be provided)	-		
19	Date of planned review of the	5 Yrs. from the Date of Approval		

	qualification.			
20	Formal structure of the qualification			
	Mandatory components			
	Title of component and identification code/NOSs/ Learning Outcomes	Estimated size (learning hours)		Level
		Skills	Knowledge	
TRADE SPECIFIC				
(i)	Assist in exigencies and carryout elementary first aid during emergencies following safety precautions.	90	18	3
(ii)	Identify different human foot and defects of unfit shoes & practice on size system & last.	60	12	3
(iii)	Prepare different types of mean form and computer aided design.	30	06	3
(iv)	Identify and use of different tools and equipments and perform various process. (Soaking, fleshing, draining and sammying, splitting, buffing etc.)	60	12	3
(v)	Care and maintenance of tools equipments and machines observing safety precautions.	30	06	3
(vi)	Identify source of leathers, their characteristics and practice on various component direction of cutting & sharpening of tools.	60	12	3
(vii)	Perform various types of leather measurement and Cutting by hand & machine.	60	12	3
(viii)	Carryout various grinding & stitching methods.	60	12	3

(ix)	Identify, operate, troubleshoot & maintain different equipment used in footwear making.	60	12	3
(x)	Designing, pattern cutting and template making of different types of footwear.	60	12	3
(xi)	Apply method of Economical cutting of components and Stitch by hand and machine to produce footwear.	60	12	3
(xii)	Perform different types of application like closing, skiving, folding and identify different types of adhesives & their application.	90	18	3
(xiii)	Identify different sorting & matching cut components, bottom components, prepare toe & counter stiffer, drafting & lasting.	90	18	3
(xiv)	Identify various types of moulding machine their parts and section.	60	12	3
(xv)	Prepare & perform insole making, drafting, lasting, sole attaching, sole stitching, welt stitching, bottom filling, heal fixing & finishing.	150	30	3
(xvi)	Prepare different type of boots applying latest fashion and check defects of finished products.	60	12	3
(xvii)	Calculate material consumption and reduction of wastage, Testing of footwear and their assessment.	60	12	3
(xviii)	Calculate cost of production and quality assessment of footwear products.	60	12	3
CORE SKILL				
EMPLOYABILITY SKILLS				
(i)	Apply safe working practices.	-	20	3
(ii)	Comply with environment regulation and housekeeping.		20	3
(iii)	Interpret & use formal and technical communication.		20	3
(iv)	Apply the concept in productivity & quality management in day to day work to		20	3

	improve productivity & quality.			
(v)	List and interpret various acts of labour welfare legislation.		20	3
(vi)	Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.		20	3
(vii)	Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.		20	3
(viii)	Utilize basic computer applications and internet to take benefit of IT developments in the industry.		20	3
	Total		1600	

SECTION 1
ASSESSMENT

21	Body/Bodies which will carry out assessment: Controller of Examinations, DGT
22	How will RPL assessment be managed and who will carry it out? DGT will carry out the RPL assessment following the below mentioned eligibility criteria for Trainee: Applicants aspiring to appear as Private Candidates in the AITT under CTS for award of NTC, have been categorized based on their educational background and experience. Subsequently 'Private Candidates' may be admitted under one of the following categories. Category wise 'eligibility criteria' for appearing as 'Private Candidate' in AITT under CTS has been listed below: Category I: Ex-trainees (successful pass-outs) of ITI A. Ex-trainees of ITI who already possess NTC in one of the trades under CTS, are eligible for applying as Private candidate for an allied trade, provided he/ she fulfils all the conditions regarding educational qualification etc. prescribed for that allied trade. (Refer Annexure III for list of allied trades) B. In addition, the applicant should possess minimum of 1 year experience (as on date of submission of application) post the date of AITT result declaration in the desired allied trade in establishments implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under Factories Act 1948 and Shops and Establishments Act applicable for the concerned State. II. Category II: 'Ex-trainees (successful pass-outs) and current trainees under CoE scheme A. The applicant should have the minimum prescribed entry qualification and should fulfil eligibility criteria for the desired trade under CTS, in which he/she intends to appear for AITT as Private Candidate. Mapping of CoE trades, with that of regular CTS trades is provided in Annexure IV. CoE candidates must register as 'Private Candidate' under CTS in the relevant/mapped CTS trade only. B. There should be a minimum gap of 1 year between successful completions of CoE training i.e. from the date of result declaration to the date of submission of application for 'Private Candidate' certification. C. During this gap of 1 year, the candidate must have undergone Industry training or gained experience in desired trade in establishments

	<p>implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under Factories Act 1948 and Shops and Establishments Act applicable for the concerned State.</p> <p>Category III: SCVT Candidates (admitted till August 2018 session)</p> <p>A. No special provisions have been made for SCVT Trainees to enrol as 'Private Candidate'. Going forward, SCVT trainees have been granted equivalence vide G.S.R 186(E) dated 2nd March 2017 for undergoing apprenticeship training under the Apprentices Act 1961 to obtain 'NAC' (Refer Annexure V).</p> <p>B. Only for SCVT trainees admitted till August 2018 batch, provision has been made for obtaining NTC by appearing in AITT under 'Private Candidate'. Such trainees will continue to be governed by old guidelines for 'Private Candidate'.</p> <p>Category IV: Other Candidates (candidate not falling in any of the above 3 categories, including SCVT trainees enrolled from admission session 2019 onwards)</p> <p>A. The applicant should have the minimum prescribed entry qualification and should fulfil eligibility criteria for the relevant trade under CTS, in which he/she desires to appear for AITT as Private Candidate.</p> <p>B. Applicant should be minimum 21 years of age on the date of submission of application. There is no upper age limit.</p> <p>C. The applicant should possess minimum of 3 years' experience (on the date of submission of application) in the relevant trade in establishments implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under Factories Act 1948 and Shops and Establishments Act applicable for the concerned State.</p> <p>For updated information please refer to DGT web portal.</p>
<p>23</p>	<p>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</p> <p>(1) Assessment process: The assessment for the qualification is carried out by conducting formative assessments, and end of year examinations (Summative). The formative</p>

assessments in respect of each Learning Outcome for practical and related theory are conducted by the concerned instructors for evaluating the knowledge and skill acquired by trainees and the behavioural transformation of the trainees. This formative assessment is primarily carried out by collecting evidence of competence gained by the trainees by evaluating them at work based on assessment criteria, asking questions and initiating formative discussions to assess understanding and by evaluating records and reports. Summative assessment is carried out by All India Trade Test on Trade Theory, Trade practical and Employability Skills. The question papers for the theory Examinations contain objective type questions.

The marking pattern and distribution of marks for the qualification are as under:

Marking Pattern			
Sl. No.	Type of Assessment	Subject for the Trade Test	Marks
1	Summative Assessment	Practical	250
2		Trade Theory	100
3		Employability Skills	50
6	Formative assessment based on Learning Outcomes		200
TOTAL:			600

(2) Minimum pass marks:

The minimum pass percent for Trade Practical and Formative assessment is 60% & for all other subjects is 33%. There will be no Grace marks.

Testing and certifications for the course:

Controller of examinations, DGT carries out the assessment and issues National Trade Certificate (NTC) following the norms and guidelines issued by the Directorate from time to time.

Overall assessment strategy:

	<p>Assessment of the qualification evaluates trainees to show that they can integrate knowledge, skills and values for carrying out relevant tasks as per the defined learning outcomes and assessment criteria. The trainees may choose the preferred language for assessment. The underlying principle of assessment is fairness and transparency. While assessing the trainee, assessor is directed to assess as per the defined assessment criteria against the learning outcomes. The evidence of the competence acquired by the trainees can be obtained by conducting theory and practical examinations, observing the trainees at work, asking questions and initiating discussions to assess, understand and evaluate records and reports. The ultimate objective of the assessment is to assess the candidates as per the defined assessment criteria for the learning outcomes.</p> <p>Specific Arrangements for assessment:</p> <ul style="list-style-type: none"> • Assessment is outcome-based. • There are formative and summative assessments in Theory and Practical. • Assessment is carried out in Trade theory, Trade Practical and Employability Skills. • While Trade Theory and Trade Practical are used for assessing Trade-related jobs and Employability skills is used to test the communication, professional language, leadership, entrepreneurship and team-work abilities of the trainee. • In addition to demonstration of theory and practical knowledge, trainees get a chance to present total personality. <p>Quality assurance activities:</p> <p>Question papers are set by external paper setters/ software generated. Evaluation of Theory Examinations in Trade and Employability Skill is done by third-party agency. Trade Practical is examined by External Examiner.</p>
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24. Assessment evidences

Title of Component: Formative Assessment Breakup

(On half yearly average of the learning assessment covered)

Means of assessment

Assessment will be evidence based comprising the following for each Learning Outcome:

Serial	Terminal Competency	Maximum
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No.		Weightage (%)
1	Safety consciousness	15
2	Workplace hygiene	5
3	Attendance/ Punctuality	10
4	Ability to follow Manuals/ Written instructions	5
5	Application of Knowledge	10
6	Skills to handle tools / equipment/ Instruments/ Devices	10
7	Economical use of materials	5
8	Working Strategy	10
9	Quality in workmanship/ Performance	15
10	VIVA	15
	Total Maximum Weightage (%)	100

Pass/Fail

The minimum pass percentage is 60% marks for formative assessment.

LEARNING OUTCOME WITH ASSESSMENT CRITERIA:

LEARNING OUTCOME (TRADE SPECIFIC)	
LEARNING OUTCOME	ASSESSMENT CRITERIA
1. Assist in exigencies and carryout elementary first aid during emergencies following safety precautions.	Identify different types of fire fighting equipments and training of first aid methods.
	Perform first aid treatment.
	Identify of safety signs for danger, warning caution and safety measure.
	Follow precaution measures while a fitting jobs.
2. Identify different human foot and defects of unfit shoes & practice on size system & last.	Identify functions of bones, arches, joints ligament problems
	Conduct measurement of foot (infant to adult) according to various sizing systems.
	Identify Biometry and biomechanics of human foot and leg.
	Measure Wooden last based on material, design, size and uses
	Measure body weight distribution over different segments of feet during different phase of walking
3. Prepare different types of mean form and computer aided design.	Make and understand different types of computers and aided design.
	Perform area measurement of patterns and leather based on metric system.
	Prepare different types of mean forms.
	Perform different types of Pattern cutting.
4. Identify and use of different tools and equipments and perform various process. (soaking, fleshing, draining and sammying, splitting, buffing etc.)	Identify Tools, equipment and machinery used in leather processing and product making.
	Differentiate leather and non- leather fabrics used for shoe making.
	Identify sequence of pertaining operations, the chemicals used and their purposes.
	Select tanning process based on the final properties needed for upper and sole.
	Choose post tanning chemicals based on the final performance properties for upper and lining
	Perform Finishing of leather depending upon the grain

	quality.
5. Care and maintenance of tools equipments and machines observing safety precautions.	<p>Identify different and tools and their maintenance procedure.</p> <p>Identify different types of machines and their safety precautions.</p> <p>Study the construction operation and use of machines.</p> <p>Identify different parts, section and its function of machines.</p> <p>Identify and carry out maintenance and preventive maintenance of machines.</p>
6. Identify source of leathers, their characteristics and practice on various component direction of cutting & sharpening of tools.	<p>Identify sources of different types of upper leathers with their characteristics.</p> <p>Verify properties of different types of coated fabrics.</p> <p>Demonstrate holding of various tools and sharpening of scissors and knives</p> <p>Maintain and perform servicing of precision measuring instruments.</p> <p>Perform component cutting from suitable areas.</p>
7. Perform various types of leather measurement and Cutting by hand & machine.	<p>Identify different parts of a shoe and cut components by hand or by using clicking press.</p> <p>Sort leather by identifying common defects.</p> <p>Identify different parts of leather cutting machines and perform maintenance/preventive maintenance.</p> <p>Overhaul check, fault find, repair various types of machines.</p> <p>Measure the leather hide and sikins by applying different methods.</p>
8. Carryout various grinding & stitching methods.	<p>Perform different types of stitching to join the upper and bottom part of shoes by using proper size of needles.</p> <p>Identify and select different types of grinding materials used in leather & rubber.</p> <p>Identify different types& size of needle and machines.</p>
9. Identify, operate, troubleshoot & maintain different equipment used in footwear making.	<p>Operate/ Maintain/Troubleshoot various footwear machines.</p> <p>Identify the tools and equipments to perform the job with due care and safety.</p>

	Identify various input and output sockets and connectors of the given machines.
	Identify major section of panel board/ components/ parts of machines.
	Dismantle the given machines and find major sections.
	Identify front panel control & indicators of machines.
	Select and verify characteristic of machines.
	Check the speed of response machines.
10. Designing, pattern cutting and template making of different types of footwear.	Draw sketches of different basic styles of footwear.
	Perform pattern cutting and template making for different types of footwear.
	Identify of basic design of different types of shoes.
	Construct and design of different types of boot and safety shoes.
	Construct and design of different type styles/fashion shoes.
11. Apply method of Economical cutting of components and Stitch by hand and machine to produce footwear.	Identify different parts of the shoe components viz. upper, lining, insole, stiffener etc. and perform economical cutting of these components.
	Identify different types of clicking of upper components and linings.
	Prepare and practice of economical cutting of shoes and top pieces.
	Identify different parts of components upper lining, tootles, stiffeners, and sock lining, etc.
12. Perform different types of application like closing, skiving, folding and identify different types of adhesives & their application.	Perform skiving/ folding/closing etc. for making upper
	Identify different types of adhesives with their application.
	Prepare different types edge treatment.
	Identify color marking the edge of the component and stamping machine using a metal foil.
	Prepare Surface and demonstrate roughening of the surfaces.
13. Identify different sorting & matching cut components, bottom components, prepare toe & counter stiffer, drafting & lasting.	Sort and match cut components of footwear.
	Prepare toe and counter stiffeners.
	Prepare& perform different types of drafting and lasting.
	Prepare welted construction and operation for lasting the upper.

14. Identify various types of molding machine their parts and section.	Identify various moulding machines used in footwear making along with their parts and section.
	Check the accuracy precession sensitivity of molding machines.
	Check the speed of response molding machines.
	Identify and carry out maintenance and preventive maintenance.
15. Prepare & perform Insole making, drafting, lasting, sole attaching, sole stitching, welt stitching, bottom filling, heal fixing & finishing.	Perform Drafting, lasting, sole attaching, sole stitching, welt stitching, bottom filling, heal fixing and finishing of shoe.
	Prepare manufacture of molded shoes and back part molding.
	Prepare toe puff attachment and toe puff conditioning.
	Identify various part and section of pulling and toe lasting machine.
	Identify various parts and section of sole stitching machine.
	Select and verify characteristics of universal testing machine.
16. Prepare different type of boots applying latest fashion and check defects of finished products.	Prepare different types of shoes applying latest fashion.
	Identify defects present in the final product and perform suitable finishing.
	Identify and repair boots and shoes half soling, healing, residing.
	Construct industrial and winter boots and design different sizes with safety features.
	Check manufacturing defect on the shoes using test method by machine.
17. Calculate material consumption and reduction of wastage, Testing of footwear and their assessment.	Calculate leather, lining and other materials consumed in making footwear.
	Select suitable methods for reduction of wastes.
	Test and assess footwear.
	Identify length and thickness of the raw material sheet.
	Identify construction of materials and reduction of wastage.
18. Calculate cost of	Calculate cost of making product.

production and quality assessment of footwear products.	Perform Quality assessment of footwear as per BS, DIN or ISO standards
	Identify testing equipments and test methods developed for different styles and design of footwear.
	Test and assess quality.

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LEARNING OUTCOME (CORE SKILL)	
LEARNING OUTCOME	ASSESSMENT CRITERIA
EMPLOYABILITY SKILLS	
1. Apply safe working practices	Follow and maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements and according to site

	policy.
	Recognize and report all unsafe situations according to site policy.
	Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.
	Identify, handle and store / dispose off dangerous goods and substances according to site policy and procedures following safety regulations and requirements.
	Identify and observe site policies and procedures in regard to illness or accident.
	Identify safety alarms accurately.
	Report supervisor/ Competent of authority in the event of accident or sickness of any staff and record accident details correctly according to site accident/injury procedures.
	Identify and observe site evacuation procedures according to site policy.
	Identify Personal Protective Equipment (PPE) and use the same as per related working environment.
	Identify basic first aid and use them under different circumstances.
	Identify different fire extinguisher and use the same as per requirement.
2. Comply with environment regulation and housekeeping	Identify environmental pollution & contribute to the avoidance of instances of environmental pollution.
	Deploy environmental protection legislation & regulations
	Take opportunities to use energy and materials in an environmentally friendly manner.
	Avoid waste and dispose waste as per procedure
	Recognize different components of 5S and apply the same in the working environment.
3. Interpret & use formal and technical communication.	Obtain sources of information and recognize information.
	Use and draw up technical drawings and documents.
	Use documents and technical regulations and occupationally related provisions.
	Conduct appropriate and target oriented discussions with higher authority and within the team.
	Present facts and circumstances, possible solutions & use

	English special terminology.
	Resolve disputes within the team.
	Conduct written communication.
4. Apply the concept in productivity & quality management in day to day work to improve productivity & quality.	Explain the concept of productivity and apply during execution of job.
	Explain the concept of quality tools and apply during execution of job.
5. List and interpret various acts of labour welfare legislation.	Explain basic concept of labour welfare legislation, adhere to responsibilities and remain sensitive towards such laws.
	Knows benefits guaranteed under various acts.
6. Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.	Explain the concept of energy conservation, global warming, pollution and utilize the available resources optimally & remain sensitive to avoid environment pollution.
	Explain standard procedure for disposal of waste.
7. Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.	Explain personnel finance and entrepreneurship.
	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 familiarize with the policies/ programmes, procedure & the available scheme.
	Prepare a report to become an entrepreneur for submission to financial institutions.
8. Utilize basic computer applications and internet to take benefit of IT developments in the industry.	Explain the basic hardware of personal computer.
	Use common application software viz., word, excel, power point etc., in day to day work.
	Awareness about useful internet websites, search relevant information pertaining to the assigned tasks.

SECTION 2
25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Footwear Maker			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Process	<p>Requires limited range of activities, routine & Predictable.</p> <ul style="list-style-type: none"> Identify and use of different tools and equipments and perform various process. (Soaking, fleshing, draining and sammying, splitting, buffing etc.) Identify source of leathers, their characteristics and practice on various component direction of cutting & sharpening of tools. Identify, operate, troubleshoot & maintain different equipment used in footwear making. <p>Care and maintenance of tools equipments and machines observing safety precautions.</p>	<p>The learner is able to identify different human foot and defects of unfit shoes & practices on size system. He/she is able to use different tools and equipments and perform various processes like soaking, fleshing, draining and sammying, splitting, buffing etc. The learner is expected to identify sources of leather, their characteristics and practice on various component direction of cutting & sharpening of tools. The learner is able to operate, troubleshoot & maintain different equipment used in footwear making.</p> <p>The above tasks performed by the learner require limited range of activities which are routine & predictable in nature.</p> <p>Hence the NSQF level as per this descriptor will be 3.</p>	3

Title/Name of qualification/component: Footwear Maker			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Professional knowledge	<p>Knowledge of Basic facts, process and principle applied in trade of employment</p> <ul style="list-style-type: none"> • Stores such as Leather, rubber soles, substitute materials such as synthetic rubber, polyvinyl cloth, polyurethane, thermoplastic rubber. • Knowledge of edges, seams and their treatment. Seam strength, stitches used in closing upper ornamentation. 	<p>The learner is expected to possess the basic knowledge of anatomy of human foot. He/she is expected to know the name of bones, arches, joints ligaments, their problems and measurement of human foot. He/she is able to make different types of process like mean form, bottom shape or insole shape, slotted form, shell form shoe standard for men; possess the awareness about process of sharpening of tools, scissors & knives, awls by hand and machines.</p>	3

Title/Name of qualification/component: Footwear Maker			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Insole preparation, drafting, lasting, sole attaching, sole stitching, welt stitching, bottom filling, heal fixing, finishing. • Wastage – its proportions and limits. 	<p>He/she should know about various types of leather measurement and cutting methods by hand & machine; possess the basic knowledge of general safety, occupational health and hygiene.</p> <p>The above knowledge possessed by the learner are the knowledge of basic facts, process and principle applied in this trade of employment.</p> <p>Hence NSQF Level 3 is justified for this Descriptor.</p>	
Professional skill	<ul style="list-style-type: none"> • Carryout various Grinding & stitching methods. • Designing, pattern cutting and template making of different types of footwear. • Apply method of Economical cutting of components and Stitch by hand and machine to produce footwear. • Perform various type of leather measurement and Cutting by hand & machine. • Prepare different types of mean form and 	<p>The individual is able to mark leather components with patterns and cut them with knife (rapi) ensuring accuracy and minimum wastage. He/she is expected to develop the skills of skiving leather edges with the help of skiving knife to reduce thickness of different sections to be joined together. The learner is able to keep perfect alignment of toe and heel and shapes it according to pattern by light hammering and stretching method.</p> <p>To perform the above tasks the learner has to recall & demonstrate practical skills which are</p>	3

Title/Name of qualification/component: Footwear Maker			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
	computer aided design.	<p>routine & repetitive in narrow range of application.</p> <p>Hence NSQF Level 3 is justified for this descriptor.</p>	
Core skill	<p>Communication written and oral, with minimum required clarity</p> <ul style="list-style-type: none"> Interpret & use formal and technical communication. <p>Basic Arithmetic and algebraic principles</p> <ul style="list-style-type: none"> Explain science in the field of study including simple machine. <p>Understanding of social/political</p> <ul style="list-style-type: none"> Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth. 	<p>The learner is able to communicate orally & in written using simple English language, has active listening skills. Works as a team player and able to explain technical terms with minimum required clarity. The learner is able to perform basic mathematical calculations like addition, subtraction, multiplication etc. He/she is able to perform the job complying environment regulation and housekeeping by applying safe working practices. Maintains energy conservation, prevents global warming & pollution by optimally using available resources in day to day work.</p> <p>Hence NSQF Level 3 is justified for this descriptor.</p>	3

Title/Name of qualification/component: Footwear Maker			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Responsibility	<ul style="list-style-type: none"> • Identify different human foot and defects of unfit shoes & practice on size system & last. • Prepare different types of mean form and computer aided design. • Care and maintenance of tools equipments and machines observing safety precautions. • Perform various type of leather measurement and cutting by hand & machine. • Identify, operate, troubleshoot & maintain different equipment used in footwear making. 	<p>The learner is expected to know the appropriate remedial action required for specific defect and thus is responsible for own work within defined limit. He/she is able to plan and organize assigned work and during execution under the close supervision of the supervisor. Also demonstrates possible solutions and agree tasks within the team. The learner is able to recognize & comply safe working practices. Hence the learner is responsible for own work within defined limit.</p> <p>Thus the NSQF Level 3 is justified for this descriptor.</p>	3

SECTION 3
EVIDENCE OF NEED

26	<p>What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?</p> <table border="1" data-bbox="339 555 1390 1720"> <thead> <tr> <th data-bbox="339 555 627 696">Basis</th> <th data-bbox="627 555 1390 696">In case of other Awarding Bodies (Institutes under Central Ministries and states departments)</th> </tr> </thead> <tbody> <tr> <td data-bbox="339 696 627 1077">Need of the qualification</td> <td data-bbox="627 696 1390 1077">Leather Sector has a significant presence of organized as well as unorganized skilled manpower requirement. This sector is poised to grow exponentially in the years to come and is highly labor intensive and there are many emerging trends in this sector. Hence the qualification has been designed keeping in view to cater to the ever-increasing demand of skilled manpower in consultation with stakeholders.</td> </tr> <tr> <td data-bbox="339 1077 627 1503">Industry Relevance</td> <td data-bbox="627 1077 1390 1503">The job role defined for the qualification is as per the National Classification of Occupations 2015 which is developed by Employment Directorate under the ministry of Labour and Employment in collaboration with different industry partners and as per ILO guidelines. Moreover, the training is imparted in ITIs/ NSTIs/ MSTIs/ BTC/ BTPs/ Industries / Establishments etc. where such requirement is available. This justifies the qualification is very much relevant for industry.</td> </tr> <tr> <td data-bbox="339 1503 627 1653">Usage of the qualification</td> <td data-bbox="627 1503 1390 1653">The Proposed qualification will create skilled craftsman for various establishments in different Sectors.</td> </tr> <tr> <td data-bbox="339 1653 627 1720">Estimated uptake</td> <td data-bbox="627 1653 1390 1720">The present seating capacity is 294</td> </tr> </tbody> </table>	Basis	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)	Need of the qualification	Leather Sector has a significant presence of organized as well as unorganized skilled manpower requirement. This sector is poised to grow exponentially in the years to come and is highly labor intensive and there are many emerging trends in this sector. Hence the qualification has been designed keeping in view to cater to the ever-increasing demand of skilled manpower in consultation with stakeholders.	Industry Relevance	The job role defined for the qualification is as per the National Classification of Occupations 2015 which is developed by Employment Directorate under the ministry of Labour and Employment in collaboration with different industry partners and as per ILO guidelines. Moreover, the training is imparted in ITIs/ NSTIs/ MSTIs/ BTC/ BTPs/ Industries / Establishments etc. where such requirement is available. This justifies the qualification is very much relevant for industry.	Usage of the qualification	The Proposed qualification will create skilled craftsman for various establishments in different Sectors.	Estimated uptake	The present seating capacity is 294
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27	<p>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences.</p> <p>The qualification originally designed for Craftsman Training Scheme is in existence for many years and approved by DGT (Regulatory Body) under</p>										

	Ministry of Skill Development and Entrepreneurship, Govt. of India.
28	<p>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</p> <p>The qualification is originally designed and approved by DGT for the Craftsman Training Scheme and is in existence for many years. No such duplicate qualification of same duration and competencies exists.</p>
29	<p>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</p> <ul style="list-style-type: none"> • The research wing of CSTARI & DGT reviews and updates the qualification, in consultation with industries and other stakeholders, on a regular basis by conducting trade committee meetings. • DGT will monitor any duplicity by comparing existing qualifications with upcoming ones in the National Qualifications Register (NQR) and relevant sectors.

SECTION 4
EVIDENCE OF PROGRESSION

30 **What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector? Show the career map here to reflect the clear progression**

On completion of the training the trainee will have an opportunity to move in vertical/horizontal pathways to promote to higher designations. The learner can further undergo other specialised courses to excel in the relevant field.

```

graph LR
    A[Craftsman] --> B[Senior Craftsman]
    B --> C[Supervisor]
    C --> D[Manager]
    A --- E[ ]
    B --- E
    C --- E
    D --- E
    E --> F[Entrepreneur]
  
```

The diagram illustrates a career progression path. It starts with a box labeled 'Craftsman', followed by 'Senior Craftsman', 'Supervisor', and 'Manager' in a horizontal sequence, connected by double-headed arrows. Below this sequence, a vertical line descends from the center, ending in a downward-pointing arrow that leads to a box labeled 'Entrepreneur'.