



## QUALIFICATION FILE – PM Vishwakarma

### Fishing Net Maker -Advance

NCrF/NSQF Level: 3

Submitted By:

Agriculture Skill Council of India

Unit No. 101, First Floor, Greenwoods Plaza, Block 'B', Greenwoods City, Sector 45, Gurugram -122009, Haryana.

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## Section 1: Basic Details

1.	<b>PM Vishwakarma -Qualification Name</b>	<b>Fishing Net Maker-Advance</b>			
2.	<b>Sector</b>	<b>Agriculture</b>			
3.	<b>Related Qualification Available on NQR (wherever applicable)</b>	<b>Name: NA</b>	<b>NQR Code &amp; version:</b> NG-03-AG-02348-2024-V1-ASCI		
4.	<b>National Qualification Register (NQR) Code &amp; Version (Will be issued after NSQC approval.)</b>	NG-03-AG-02348-2024-V1-ASCI	<b>5. NCrF/NSQF Level: 3</b>		
6.	<b>Brief Description of the Job Role</b>	This unit deals with the know-how of the advanced technologies used for fabricating and mending fishing nets.			
7.	<b>Eligibility Criteria for Entry for a Student/Trainee/Learner/Employee</b>	<p><b>a. Entry Qualification &amp; Relevant Experience:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px; text-align: center;"><b>Academic/Skill Qualification (with Specialization - if applicable)</b></td> </tr> <tr> <td style="padding: 5px; text-align: center;">Existing Vishwakarmas duly verified as per the Scheme</td> </tr> </table> <p><b>b. Age:</b> NA</p>		<b>Academic/Skill Qualification (with Specialization - if applicable)</b>	Existing Vishwakarmas duly verified as per the Scheme
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8.	<b>Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))</b>	4	<b>9. Common Cost Norm Category (I/II/III): I</b>		
10.	<b>Any Licensing Requirements for Undertaking Training on This Qualification (wherever applicable)</b>	NA			

11.	<b>Training Duration by Modes of Training Delivery (as per requirement of the qualification)</b>	<table border="1"> <thead> <tr> <th data-bbox="1010 230 1763 309">Modules</th><th data-bbox="1763 230 1965 309">Notional Hours (hh:mm)</th></tr> </thead> <tbody> <tr> <td data-bbox="1010 309 1763 373">Advanced technologies for net fabrication and mending</td><td data-bbox="1763 309 1965 373">45:00 hours</td></tr> <tr> <td data-bbox="1010 373 1763 436">Entrepreneurship skills, design workshops and Bureau of Indian Standards (BIS) Modules</td><td data-bbox="1763 373 1965 436">30:00 Hours</td></tr> <tr> <td data-bbox="1010 436 1763 500">Advanced Digital Skills</td><td data-bbox="1763 436 1965 500">15:00 Hours</td></tr> <tr> <td data-bbox="1010 500 1763 564">Advanced Financial skills</td><td data-bbox="1763 500 1965 564">15:00 Hours</td></tr> <tr> <td data-bbox="1010 564 1763 627">Advanced Marketing and Outreach skills</td><td data-bbox="1763 564 1965 627">15:00 Hours</td></tr> <tr> <td data-bbox="1010 627 1763 584">Total</td><td data-bbox="1763 627 1965 584">120:00 Hours</td></tr> </tbody> </table>	Modules	Notional Hours (hh:mm)	Advanced technologies for net fabrication and mending	45:00 hours	Entrepreneurship skills, design workshops and Bureau of Indian Standards (BIS) Modules	30:00 Hours	Advanced Digital Skills	15:00 Hours	Advanced Financial skills	15:00 Hours	Advanced Marketing and Outreach skills	15:00 Hours	Total	120:00 Hours
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Total	120:00 Hours															
12.	Is the Qualification Amenable to Persons with Disability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", specify applicable type of Disability: SHI, LD														
13.	<b>Name and Contact Details Submitting / Awarding Body SPOC</b> <i>(In case of CS or MS, provide details of both Lead AB &amp; Supporting ABs)</i>	Name: Ms Priyanka Prakash Email: <a href="mailto:priyanka@asci-india.com">priyanka@asci-india.com</a> Website: <a href="http://www.asci-india.com">www.asci-india.com</a> Contact No.: 0124-4670029														
14.	Final Approval Date by NSQC: TBD	<b>15. Validity Duration:</b> Co-terminus with the PM Vishwakarma Scheme subject to midway changes in the qualification <b>16. Next Review Date:</b> TBD														

## Section 2: Tools and Equipment Details

### List of Tools and Equipment

**Batch Size:**

30

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size	Tool Image/ Image URL
1	<b>Awl</b>	<p><b>Dimensions</b>            Length: 10 cm to 20 cm            Diameter: 2 mm to 5 mm            Tip angle: 30 degrees to 60 degrees            Hole diameter: 1 mm to 3 mm</p> <p><b>Material:</b> metal</p>	3	
2	<b>Rope Cutter</b>	<p>Material- Steel  <b>Dimension-</b> 6 “</p>	3	

3	<b>Scissors</b>	Material: Stainless steel <b>Size:</b> 12" and 6" One each	3	
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4	<b>Netting Shuttle</b>	<p>Locally <b>made</b></p> <p>Make: plastic</p> <p>Sizes: 5"6"7"8"10" 12" plastic shuttles one each</p> <p>Dimensions: pitch can vary from 6 mm to 14 mm depending on the type and size of the net</p> <p>Unit: 2 set</p>	3 set		
5	<b>Needle set</b>	<p><b>Locally made</b></p> <p>Make: Plastic</p> <p>Size: 5",6",7" needles 5 nos. each (15 pieces in set)</p> <p>Unit: 3 set</p>	3 set		
6	<b>Fid/Spike</b>	<p>Material: metal and wooden handle</p>	3 set		

		To make a fishing net with a 2-inch mesh size, you can use a fid that is 1.75 inches long and 0.25 inches wide at the widest point		
7	<b>Thimble</b>	<p>Material: Stainless steel</p> <p>Size:</p> <p>12 mm</p> <p>16 mm</p> <p>18 mm</p> <p>22 mm</p> <p>Shape: Round, oval, pear-shaped, etc.</p> <p><b>Surface:</b> Smooth, grooved, serrated, etc.</p>	6	
8	<b>Netting mesh gauge</b>	<p>Scales- 12" and 6"</p> <p>Material: plastic</p> <p>Application:</p> <p>Measuring mesh size of fishing nets</p> <p>Quantity: 2</p>	3	

9	<b>Net Material / Fiber</b>	(450rs/kg x 6kg) HDPE- 450 rs per Kg)  Net Material: HDPE	5 kg		
10	<b>Mesh Repair Twine</b>	Material: nylon, polypropylene, polyester, or HDPE material  HDPE twine 0.5mm, 0.75mm,1mm,1.2m m,1.5mm,2mm,2.5 mm 3kg	3 kg		
11	<b>Plastic sheet</b>	Locally made  Dimension: 10ft x 10ft  Material: Plastic fabric  Color: any color	3		

12	<b>Gloves</b>	<p>Material: Cotton elastic cuffs, anti-slip or anti-cut coating</p> <p>Types: Mechanical glove</p>	5 pairs	
13	<b>Netting Stretchers (Ropes)</b>	<p>Material: Ropes (HDPE)</p> <p>Weight: Depends on the material and size 2kg</p> <p>Features: Adjustable, foldable, easy to use, etc.</p>	5	
14	<b>Synthetic Floats</b>	<p>Material: Synthetic PVC etc</p> <p>Size: 110x70x20 mm</p> <p>Buoyancy : 300 gm</p> <p>Quantity : 15 pieces</p>	5	

15	<b>Sinkers</b>	Quantity: 15 pieces Material: Lead Color: grey	15	
16	<b>Steel Wire Cutters</b>	Material-Steel, PVC sleeve Size: 8'' 10 x 5 x 10 Centimeters	3	
17	<b>Pliers</b>	Material- Steel/Galvanized Iron  Types:  Wise grip plier- 13 x 5 x 2 Centimeters  Long nose 8"- 19.7 x 6 x 3 Centimeters	3	
18	<b>Net washing brushes</b>	Locally made-  Normal Brushes Material: Plastic Size: 17.6 x 11.8 x 7.4 cm	3	

19	<b>Tape measure</b>	Tape measure that has a width of 0-20 mm and a length of 10-20 m.  Material- Steel Type Rolling type	3	
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**Classroom Aids**

The aids required to conduct sessions in the classroom are:

1. PC/Laptop
2. Screen Projector
3. Screen
4. Marker
5. White Board
6. Duster
7. Smart Phone



## Section 3: Performance Criteria & Assessment Criteria

S. No.	Performance Criteria	Assessment Criteria			
		Theory Marks	Practical Marks	Project Marks	Viva Marks
	Domain Knowledge along with any new machinery/tools/techniques	30	20		
	<a href="#">Advanced technologies for net fabrication and mending</a>				
PC 1.	Use eco-friendly sustainable fishing net material				
PC 2.	Discuss the new technologies available for net fabrication and mending				
PC 3.	Explain about the different machineries used for making fishing net twines				
PC 4.	Identify and analyse net design regarding suitability for customisation				
PC 5.	Customise net design as per the specific requirement of customer/fisher				
PC 6.	Adopt sustainable environmentally friendly practices for waste reduction and resource optimization				
	Total Marks	30	20		
	Entrepreneurship skills	30	20		
	<a href="#">Form a group to start an enterprise</a>				
PC 7.	Identify groups with the common interests in the area				
PC 8.	Create Producer Groups (PGs)/ Self-Help Groups (SHGs), following the applicable rules and regulations				
PC 9.	Organise fundraising activities to support the functioning of the group				
PC 10.	Establish links with the local government at panchayat level to obtain access to the relevant development programmes and funds				
PC 11.	Plan optimal production to meet the market needs				
PC 12.	Conduct the initial group meetings to introduce the members, discuss the group objectives, group income-generating enterprises/ activities, methods of operation, etc.				
PC 13.	Assist in exchanging the domain and technical knowledge such as market or price				

	information, latest technology, and resolving common issues or conflicts through the PG/ SHG meeting.			
PC 14.	Carry out collective net fabrication activities			
PC 15.	Procure/hire advanced and expensive machineries/tools and equipment using the group fund for collective use of the group members			
PC 16.	Use the group's credit facility as per the applicable terms and conditions			
PC 17.	Carry out relevant duties as per own role in the PG/ SHG such as the group leader/ secretary/ book-keeper, etc.			
PC 18.	Co-ordinate within the group(s) in procuring inputs in bulk/large-scale production, packing/transportation/marketing of the nets			
PC 19.	Connect and partner with other groups to expand the network and address common problems at a large scale			
	Total Marks	30	20	
Digital Literacy- Advanced		45	55	
<b>Advanced features of using mobile phones (Smart Phones)</b>		10	10	
PC 1.	Use the mobile phone in a secure way by locking/unlocking phone/apps using various options like face recognition, fingerprint etc.			
PC 2.	Use advanced camera features for business tasks, like scanning QR codes.			
PC 3.	Crop photos, take screenshots, and share them as attachments.			
PC 4.	Understand how to use features like conference calls, call recording, and call forwarding.			
PC 5.	Access and manage documents stored in different folders in phone. Eg. File folder, download folder, etc.			
PC 6.	Manage phone memory and data storage.			
PC 7.	Use other features of smartphone such as Airplane mode, Do Not Disturb, Bluetooth, other sharing services etc.			
PC 8.	Using voice assistant on Smartphones for tasks like setting reminders, asking questions, etc.			
<b>Using advanced Internet and mobile applications (Apps)</b>		20	30	
PC 9.	Connect to internet using Wi-Fi, Mobile Data.			
PC 10.	How to secure various apps installed on phone.			
PC 11.	Using mobile applications to compress pictures and documents.			
PC 12.	Access, store, and share documents using Google Drive from your phone.			
PC 13.	Use apps for managing schedules and appointments.			
PC 14.	Utilize Advanced Features of WhatsApp, Gmail, Google Maps, PayTM, and other social media applications such as Facebook and YouTube.			

PC 15.	Using Video conferencing features in different apps ( Zoom etc.)			
PC 16.	Create and improve business profiles on relevant social media platforms to reach more customers using features of geo-tagging.			
PC 17.	Interact with customers by responding to messages and comments promptly, and share business-related content effectively			
PC 18.	Using applications for customer service interaction ( chat and voice calls)			
PC 19.	Usage of common applications like currency conversion, interest calculation etc.			
PC 20.	Usage of apps to help in various trades like carpenter, tailor etc. (Measurement and calculation apps, find and obtain construction material, manage inventory, learn new techniques and best practices in their specific trade)			
<b>Privacy and security related to Internet and Mobile Phone</b>		15	15	
PC 21.	Identification of authentic calls and blocking SPAM calls			
PC 22.	Apply safe and ethical browsing practices (protecting identity) online privacy and the potential risks associated with social media use.			
PC 23.	Understand how to safely store passwords and apply the same.			
PC 24.	Identify common online harassment scenarios (e.g., hate speech etc, cyberbullying), prevention, consequences and ways to deal with them.			
PC 25.	Understanding fake and real information, importance of verifying the content available on the net and also understanding the responsibility while sharing any content.			
PC 26.	Learn to identify deep fake AI generated frauds and reporting to the concerned authorities.			
	<b>Total Marks</b>	45	55	
<b>Financial Literacy-Advanced</b>				60
<b>Importance of being financially literate</b>				10
PC 1.	Explain advanced financial terms such as long and short-term assets, liabilities, investments, debit, credit, etc			
PC 2.	Understand various types of business-related financial transactions and their uses in business scenarios			
PC 3.	Describe various types of payment methods such as cheques, UPI, RTGS etc			
PC 4.	Use mobile applications and online platforms to track expenses and manage financial goals (mention some names).			
PC 5.	Know about various Government schemes such as Pradhan Mantri Jan Dhan Yojana, Jeevan Jyoti Bima Yojana, Suraksha Bima Yojana, Sukanya Samridhhi Yojana, National Pension Scheme (NPS), Atal Pension Yojna (APY)			
<b>Managing bank account</b>				10

PC 1.	Know various banking services offered by bank such as transfer-receipt of money, deposit-withdrawal etc.				
PC 2.	Operate ATM, Deposit Cash/ Cheque through machines or manually				
PC 3.	Visit branch to operate and manage bank accounts				
PC 4.	Use mobile and net banking to operate and manage bank accounts				
PC 5.	Follow safety measures while managing bank accounts				
<b>Applying and Managing loans</b>					10
PC 1.	Know various types and features of secured and unsecured loans				
PC 2.	Identify appropriate type of loan as per need, purpose, and loan terms and conditions				
PC 3.	Select the loan repayment structure based on the interest rate and duration.				
PC 4.	Legal process for resolution of delay/ default in payment of loan instalment				
<b>Basic Understanding of taxes</b>					10
PC 1.	Know various types of Taxes such as Income tax, Goods and Services Tax (GST), etc.				
PC 2.	Explain simple terms related to taxation such as taxable income, tax rates, Tax Deductible at Source (TDS), Value of Goods etc.				
PC 3.	Understand important concepts and applicability of income tax and GST				
PC 4.	Understand Basic guidelines for filing income tax and GST returns, including deadlines				
<b>Using advanced features of Digital Payment Applications</b>					10
PC 1.	Install and configure Digital Payment Applications				
PC 2.	Learn and practice advanced features of Digital Payment Applications such as wallets, bill payments, recharge etc.				
PC 3.	Perform transactions using Digital Payment Applications such as UPI, RTGS, NEFT, IMPS etc.				
<b>Awareness and Prevention of Financial Frauds</b>					10
PC 1.	Identify common online financial frauds and spams and associated potential risks				
PC 2.	Apply safe and ethical practices for securing online transactions				
	<b>Total Marks</b>				60
<b>Marketing and Branding- Advanced</b>		50	50		
<b>Marketing and Customer Insights</b>		10	10		
PC 1.	Conduct marketing activities for artisan products				
PC 2.	Evaluate customer feedback to improve product offerings and marketing strategies.				
<b>Quality Assurance and Certification in Craftsmanship</b>		10	10		
PC 3.	Obtain relevant quality certifications such as e ISI mark, Agmark and Hallmark.				
PC 4.	Manage product quality as per quality standards.				
<b>Brand Development and Promotion Strategies</b>		10	10		

PC 5.	Understand brand identity to enhance sales and promotion.				
PC 6.	Promote products through Social media and digital marketing.				
PC 7.	Leverage National Marketing Committee support in operations and logistics.				
<b>E-Commerce Management for Artisans</b>		10	10		
PC 8.	Onboarding e-commerce platform.				
PC 9.	Understand process of cataloguing the products and services of Vishwakarmas				
PC 10.	Apply strategies for e-commerce linkage with GeM, Khadi India, MSME Mart.				
<b>Building Trade Network for Craft Business</b>		5	5		
PC 11.	Use digital marketing for wider reach and publicity of the Vishwakarma Scheme.				
PC 12.	Identify and collaborate with relevant Industry Bodies.				
PC 13.	Create links with suitable exporters and traders operating under the sector.				
<b>Trade Fairs and Exhibitions</b>		5	5		
PC 14.	Participate in trade fairs, exhibitions related to the products.				
PC 15.	Set up collective display of PM Vishwakarma Products to associations of the artisan groups.				
Total Marks		50	50		
Grand Total		250	250		60

## Section 4: Trainers & Assessors

1.	<b>Trainer's Qualification and experience in the relevant sector (in years)</b>	<p><b>Domain Trainer:</b></p> <ul style="list-style-type: none"> <li>a) <i>ITI Instructors from Directorate General of Training (DGT) ecosystem who have preferably worked in the industry and have technical know-how about the operations of the modern listed tools in relevant trades</i></li> <li>b) <i>Certified trainers from the NCVET recognized Awarding Bodies</i></li> <li>c) <i>Working professionals from the industry or clusters who have good knowledge and experience about the working/ operations of the listed modern tools in the relevant trades</i></li> </ul> <p><b>Life Skills Trainer:</b></p> <ul style="list-style-type: none"> <li>a) <i>ITI Instructors from Directorate General of Training (DGT) ecosystem*</i></li> <li>b) <i>Certified trainers from the recognized Awarding Bodies*</i></li> </ul> <p><b>*Mandatory Training of Trainers (ToT) of existing certified trainers on employability and entrepreneurship skills modules</b></p> <p><b>District-wise list of trainers/ Assessors is to be identified and made available</b></p>
2.	<b>Assessor's Qualification and experience in relevant sector (in years)</b> <i>(Preference – Vishwakarma Trainer in relevant trades will be onboarded on assessments for becoming Certified Assessors/Certified Assessors in relevant trade. Certified assessor will also take the Life Skills Module assessment.)</i>	<p><b>Assessor:</b></p> <ul style="list-style-type: none"> <li>a) <i>Certified Assessors of the recognized Assessment Agencies</i></li> <li>b) <i>Certified trainers may also get certified as an Assessor to conduct assessments in relevant trades (A Trainer can also act as an Assessor for a different location)</i></li> </ul>

## Annexure: Acronym and Glossary

### Acronym

<b>Acronym</b>	<b>Description</b>
<b>AA</b>	Assessment Agency
<b>AB</b>	Awarding Body
<b>NCrF</b>	National Credit Framework
<b>NOS</b>	National Occupational Standard(s)
<b>NQR</b>	National Qualification Register
<b>NSQF</b>	National Skills Qualifications Framework

### Glossary

<b>Term</b>	<b>Description</b>
<b>National Occupational Standards (NOS)</b>	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
<b>Qualification</b>	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
<b>Qualification File</b>	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
<b>Sector</b>	A grouping of professional activities on the basis of their main economic function, product, service or technology.

