







Contain			NSQF Job Levels (L)											
Sectors	L 2	L 2.5	L3	L 3.5	L 4	L4.5	L5	L6	L7	Under Revision	Total			
Solar Energy	1	1	3	1	9	0	4	0	0	7	26			
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10			
Wind Energy	0	0	1	0	3	0	2	0	0	0	6			
Small Hydro	0	0	0	0	1	0	0	0	0	0	1			
Bio Energy	0	0	3	0	3	0	1	2	1	0	10			
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4			
Waste Management	0	0	2	0	2	1	0	1	0	0	6			
Water Management	0	0	4	0	1	0	0	0	0	2	7			
Sustainability	0	0	2	0	1	0	0	1	0	0	4			
Ecotourism	0	0	0	0	1	0	0	0	0	0	1			
Forestry	1	0	0	0	1	0	0	0	0	0	2			
Total	2	1	20	1	26	1	10	6	1	9	77			

Solar PV Cell

SGJ/Q0203

Manufacturing Technician

4

of OJT)

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors **756***



Trained and Certified Candidates 561720*



No. of States and UTs Covered 28*



Qualifications / Job Roles

Affiliated Training Centers (PAN INDIA) 909*

• 10th grade pass plus 1-year NTC plus 1 year NAC

8th Grade pass 3 year relevant experience

relevant experience

• 8th pass plus 2-year NTC plus 1 Year NAC plus CITS

• Previous relevant Qualification of NSQF Level 3.5 with 1.5 year

• Previous relevant Qualification of NSQF Level 3.0 with minimum education as

* Numbers as on June 2024

				Qualification	
Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	1	Solar PV Installer (Suryamitra) SGJ/Q0101	4	Total 420 Notional hours i.e. 14 Credits (including Theory: 210 + Practical: 150 + OJT: 60)	 12th grade Pass (Science) + or Equivalent) with NA of experience 10th grade pass with 3 Years of experience Renewable energy/power sector experience 10th grade pass (2 years of any combination of NTC/NAC/CITS or equivalent in relevant trade) with NA of experience Previous relevant Qualification of NSQF Level (3.5 Solar PV Site Survey Assistant) Previous relevant Qualification of NSQF Level (3.0 Assistant Technician – Solar Panel Installation) with 3 Years of experience Renewable energy/power sector experience
SOLAR	2	Solar PV Installer - Electrical SGJ/Q0102 Total 390 Notional hours i.e. 13 Credits (including Theory: 165 + Practical: 105+OJT: 120)		13 Credits (including Theory :	 12th grade Pass (with Science or Equivalent) with NA of experience 10th grade pass with 3 Years of experience Renewable energy/power sector experience 10th grade pass (with 2 years of any combination of NTC/NAC/CITS in relevant trade) with NA of experience Previous relevant Qualification of NSQF Level [3.5 (Solar PV Site Survey Assistant)] Previous relevant Qualification of NSQF Level [3.0 (Assistant Technician – Solar Panel Installation)] with 3 Years of experience of Renewable energy/power sector experience
		Solar PV Cell		420 Hours: (Theory: 130 hours +	 12th Grade Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma 10th grade pass plus 2-year NTC 10th grade pass plus 1-year NTC plus 1 year NAC

Practical:110 hours+ 60 hours of

employability skills + 120 hours

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification					
	4	Solar EV Charging Entrepreneur SGJ/Q1801	4	390 Hours including 300 hours of mandatory NOS (with 60 hours of employability skills) and 90 hours of On the Job (OJT) training	 10th Class Pass + NTC (1 year after Class 10th), with 1 year of relevant experience 10th Class Pass + NTC (2 years after Class 10th) 10th Class Pass with 3 Year Diploma, with no experience 12th Class Pass, with 6 months of relevant experience Certified on relevant NSQF Level 3, with 2 years of relevant experience 					
	5	Solar Cold Storage Entrepreneur SGJ/Q1802	4	390 Hours including 300 hours of mandatory NOS (with 60 hours of employability skills) and 90 hours of On the Job (OJT) training	 10th Class Pass + NTC (1 year after Class 10th), with 1 year of relevant experience 10th Class Pass + NTC (2 years after Class 10th) 10th Class Pass with 3 Year Diploma, with no experience 12th Class Pass, with 6 months of relevant experience Certified on relevant NSQF Level 3, with 2 years of relevant experience 					
	6	Junior Technician- Solar EV Charging Station SGJ/Q4001	3	330 Hours including 270 hours of mandatory NOS (with 30 hours of employability module) and 60 hours of On the Job (OJT) training	8th Class Pass + NTC (2 years) 10th Class Pass Certified on relevant NSQF Level 2 (e.g. Solar PV Project Helper), with 2 years of relevant experience					
	7	Junior Technician- Solar Cold Storage SGJ/Q4002	3	330 Hours including 270 hours of mandatory NOS (with 30 hours of employability module) and 60 hours of On the Job (OJT) training	8th Class Pass + NTC (2 years) Class 10th Pass Previous relevant Qualification of NSQF Level 2 (e.g. Solar PV Project Helper), with 1 year of relevant experience					
SOLAR	8	Rooftop Solar Grid Junior Engineer SGJ/Q0106 Total 540 hours i.e. 18 Credits (Theory: 150 Hours + Practical: 210 Hours + OJTM: 180 hours)		(Theory : 150 Hours + Practical :	Completed 4 year UG program (UG Diploma in Electrical/Electronics or equivalent) with NA of experience 12th grade Pass (with 1 year of NTC/NAC in relevant trade) 10th grade pass (with 3-year Diploma in Electrical/Civil/Mechanical Engineering) Previous relevant Qualification of NSQF Level (4.5) Previous relevant Qualification of NSQF Level [Solar PV Installer (Suryamitra)] with 3 Years of experience of relevant experience in renewable energy/power sector					
	9	Solar Water Pumping Junior Engineer SGJ/Q0112	Total 540 hours i.e. 18 Credits Solar Water Pumping Junior Engineer SGJ/Q0112 Total 540 hours i.e. 18 Credits (Theory: 225 hours + Practical: 225 hours + OJT: 90 hours)		 Completed 2nd year of UG (UG Diploma) ((Electrical/Electronics) or equivalent) with NA of experience 12th grade pass with 1 year NTC/ NAC (12th Grade pass with 1 year of NTC/NAC in relevant trade) with 1-2 Years of experience 1.5 years of relevant experience in renewable energy/ power sector Completed 3 year diploma after 10th (Any stream of Engineering) with 1-2 Years of experience 1.5 years of relevant experience in renewable energy/ power sector Previous relevant Qualification of NSQF Level (Previous relevant qualification of level 4.5) with 1-2 Years of experience 1.5 years of relevant experience in renewable energy/ power sector Previous relevant Qualification of NSQF Level [Previous relevant qualification of level 4 (Solar PV Installer (Suryamitra)] with 3 Years of experience 3 years of relevant experience in renewable energy/ power sector 					
	10	Solar Lighting Assembler SGJ/Q0201	4	Total 450 Notional hours i.e. 15 Credits (Theory : 180 + Practical : 180 hours + OJT : 90)	 12th grade Pass (with science or equivalent) 10th grade pass (with 2 years of any combination of NTC/NAC/CITS or equivalent in relevant trade) with NA of experience 10th grade pass with 3 Years of experience Renewable energy/power sector/light assembling Previous relevant Qualification of NSQF Level (3.5) Previous relevant Qualification of NSQF Level (3) with 3 Years of experience experience in Renewable energy/power sector/light assembling 					

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification					
	11	Solar PV Module Manufacturing Technician SGJ/Q0119	4	Total 420 hours i.e. 14 Credits (Theory : 180 + Practical : 120 + OJT : 120 Hours)	 12th grade Pass (with Science or equivalent) with 1 Year of experience of relevant experience in renewable energy/power sector 10th grade pass with 3 Years of experience of relevant experience in renewable energy/power sector 10th grade pass with 2 Years of experience of any combination of NTC/NAC/CITS or equivalent in relevant trade Previous relevant Qualification of NSQF Level (3.5) Previous relevant Qualification of NSQF Level (3 - Solar Manufacturing-Junior Technician) with 3 Years of experience of relevant experience in renewable energy/power sector 					
	12	Solar PV Installation Helper SGJ/Q0111	2	Total 270 Notional Hours i.e. 09 Credits (Including Theory : 150 hours & Practical : 90 Hours + 30 hours On the Job Training)	Ability to read and write with 1 Year of experience Relevant experience in solar/power sector					
	13	Solar Photovoltaic Entrepreneur SGJ/Q0901	5	540 hours (150 hours mandatory + 60 hours Employability Skills + 90 hours OJT + 240 hours of 1 elective)	 Completed 2nd year of UG Pursuing 2nd year of UG and continuous education Completed 2nd year of diploma (after 12th) Pursuing 2nd year of 2-year diploma after 12th 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year relevant experience 12th Grade pass with 2 year relevant experience 10th Grade pass with 4 year relevant experience Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3 year relevant experience 					
SOLAR	14	Solar Domestic Product Assembler SGJ/Q4902	2.5	270 hours of total notional duration (125 hours theory + 85 hours practical + 30 hours of Employability Skills Module and 30 hours of On Job Training (OJT)	8th Class Pass and pursuing continuous schooling Or8 9th Grade pass with no experience 5th grade pass with 4 years of relevant experience Previous relevant Qualification of NSQF Level 1 with 1.5 years of relevant experience Previous relevant Qualification of NSQF Level 2 with 6 months of relevant experience					
	15	Solar Manufacturing - Junior Technician SGJ/Q4901	3	Total 300 notional hours duration including 240 Hours of Mandatory NOS (140 hours theory, 100 hours practical,) along with 30 hours of On the Job Training (OJT) and 30 hours of Employability Skills Module.	 9th Grade pass and pursuing continuous schooling in regular school Grade 8 pass with two year of (NTC/ NAC) after 8th Grade Pass with 2 years relevant experience Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of relevant experience Previous relevant Qualification of NSQF Level 2 with 3 years of relevant experience 					
	16	Solar PV Site Survey Assistant SGJ/Q1203	3.5	Total 390 notional hours duration including 185 hours of theory, 145 hours of practical ,30 hours of Employability Skills Module and 30 hours of On-the-Job Training (OJT)	10th grade pass and pursuing continuous schooling 11th Grade pass Or Completed 1st year of 3 year diploma after 10th 8th grade pass with two years of NTC plus 1 year NAC/CITS 8th Grade pass with 3 years of relevant experience Previous relevant Qualification of NSQF Level 3 with 1.5 year relevant experience Previous relevant Qualification of NSQF Level 2.5 with 3 year relevant experience					
	17	Solar Photovoltaic Technician 4 SGJ/Q4004		Total 390 Hours i.e. 13 Credits (Including 330 Hours of Mandatory NOS with 60 hours of Employability Skills	 11th grade pass (and pursuing continuous schooling) with NA of experience Pursuing 2nd year of 2-year diploma after 12th [or Completed 2nd year of 3-year diploma (after 10th)] with NA of experience 10th grade pass (with two years of any combination of NTC/NAC/CITS or equivalent) with NA of experience 11th grade pass with 1 Year of experience relevant experience 10th grade pass with 2 Years of experience relevant experience Previous relevant Qualification of NSQF Level (Level 3.5) with 3 Years of experience relevant experience Previous relevant Qualification of NSQF Level (Level 3) with 3-5 Years of experience with 3.5 years of relevant experience 					

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Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	18	Agrivoltaics Installer Electrical SGJ/Q0122	4	Total: 510 Notional hours (Theory : 250 + Practical : 170 and 90 hours of OJT)	12th grade Pass (or equivalent) with NA of experience Pursuing 3rd year of 3-year diploma after 10th (Electrical/ Mechanical) with NA of experience 10th grade pass Previous relevant Qualification of NSQF Level (3.5) Previous relevant Qualification of NSQF Level (3)
	19	Solar Enterprise Assistant Manager SGJ/Q2601	5	Total 510 (Theory: 120 hours: Practical: 180 hours: Employability Skills: 60 hours and OJT: 150 hours)	 Diploma with NA of experience 12th grade Pass (2 year diploma in relevant field) with 1 Year of experience of relevant experience 10th grade pass (Plus 3 year diploma in relevant field) with 1 Year of experience of relevant experience Previous relevant Qualification of NSQF Level (4) with 3 Years of experience of relevant experience
	20	Solar PV Business Development Executive SGJ/Q0107	Under Revision	Under Revision	Under Revision
SOLAR	21	Solar Proposal Evaluation Specialist SGJ/Q0105	Under Revision	Under Revision	Under Revision
SO	22	Solar PV Designer SGJ/Q0110	Under Revision	Under Revision	Under Revision
	23	Solar PV installer (Civil) SGJ/Q0103	Under Revision	Under Revision	Under Revision
	24	Solar PV Project Manager (E&C) SGJ/Q0114	Under Revision	Under Revision	Under Revision
	25	Solar PV Maintenance Technician- Electrical (Ground Mount) SGJ/Q0115	Under Revision	Under Revision	Under Revision
	26	Solar PV Structural Assistant Design Engineer SGJ/Q0109	Under Revision	Under Revision	Under Revision









					N	ISQF Jo	b Leve	els (L)			
Sectors	L2	L 2.5	L3	L 3.5	L 4	L4.5	L5	L6	L7	Under Revision	Total
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors 756*



Trained and Certified Candidates 561720*



No. of States and **UTs Covered** 28*



Affiliated Training Centers (PAN INDIA) 909*

* Numbers as on June 2024

Qualifications / Job Roles

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	1	Green Hydrogen Plant Entrepreneur SGJ/Q0121	5	480 Hours : (Theory : 155 hours + Practical : 145 hours + 90 hours of employability skills + 90 hours of OJT)	 Completed 2nd year of UG Pursuing 2nd year of UG and continuous education Completed 2nd year of diploma (after 12th) Pursuing 2nd year of 2-year diploma after 12th 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year of relevant experience 12th Grade pass with 2 years of relevant experience 10th Grade pass with 4 years of relevant experience Previous relevant Qualification of NSQF Level 4 with 2 years relevant experience
GREEN HYDROGEN	2	Green Hydrogen Plant Technician SGJ/Q0120	4	420 Hours : (Theory: 160 hours + Practical:140 hours+ 60 hours of employability skills + 60 hours of OJT)	 12th Grade Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma 10th grade pass plus 2-year NTC 10th grade pass plus 1-year NTC plus 1 year NAC 11th grade pass and pursuing continuous schooling 10th Grade Pass with 2 year relevant experience Previous relevant Qualification of NSQF Level 3.0 with minimum education as 8th Grade pass 3 year relevant experience
Ō	3	Green Hydrogen Plant Junior Technician- Power Sources SGJ/Q4301	3	Total 360 Hours: (Theory: 170 hours + Practical: 100 hours+ 30 hours of employability skills + 60 hours of OJT)	 10th Grade Pass Grade 8th with 2-years of (NTC /NAC) after 8th Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of relevant experience
	4	Green Hydrogen Plant Junior Technician- Electrolyser SGJ/Q4302	3	Total 330 Hours i.e. 11 Credits (Theory: 130 hours+Practical : 110 hours+30 hours of employability skills + 60 hours of OJT)	 10th grade pass with NA of experience 8th grade pass (with two year of (NTC/ NAC) after 8th) with NA of experience Previous relevant Qualification of NSQF Level (NSQF Level 2.5) with 1-2 Years of experience

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification					
	5	Green Hydrogen Plant Junior Technician- Desalination SGJ/Q4303	3	Total 360 Hours: (Theory: 170 hours+Practical: 100 hours+ 30 hours of employability skills + 60 hours of OJT)	 10th Grade Pass Grade 8th with 2-years of (NTC /NAC) after 8th Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of relevant experience 					
	6	Green Hydrogen Plant Junior Technician- Storage SGJ/Q4304	3	Total 360 Hours: (Theory: 170 hours + Practical: 100 hours + 30 hours of employability skills + 60 hours of OJT)	 10th Grade Pass Grade 8th with 2-years of (NTC /NAC) after 8th Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of relevant experience 					
	7	Electrolyzer Manufacturing Plant Technician SGJ/Q4306	4	Total 420 Notional Hours: (Theory: 220 hours with Employability Skills + Practical: 140 hours + 60 hours of On-the-Job Training (OJT)	 12th grade Pass (Or Equivalent) with NA of experience Pursuing 3rd year of 3-year diploma after 10th (Electrical/ Mechanical/ Chemical) with NA of experience Previous relevant Qualification of NSQF Level (3.5) Previous relevant Qualification of NSQF Level (3) 					
	8	Electrolyzer Manufacturing Plant Supervisor SGJ/Q4305	5	Total 510 Hours of notional hours : (Theory: 250 hours with Employability Skills+Practical : 170 hours + 90 hours of On-the-Job Training (OJT)	 12th grade Pass (or equivalent) 12th grade pass with 1 year NTC/ NAC Completed 3-year diploma (after 10th) Previous relevant Qualification of NSQF Level (4.5) Previous relevant Qualification of NSQF Level (3) 					
GREEN HYDROGEN	9	Fundamentals of Financing for Green Hydrogen Project SGJ/MCr-0004	6	30 Hours	 Pursuing first year of 2-year PG program after completing 3 year UG degree (in commerce/business administration/economics/science or in a related discipline) with NA of experience Pursuing 4th year UG (in case of 4-year UG with honours/ honours with research) (B Tech/BE in any engineering discipline) with NA of experience Completed 4 year UG program (BE/BTech in any engineering discipline) with NA of experience Completed 4 year UG program ((B.Sc.(Hons) in Chemistry/ Economics or in a related discipline) with NA of experience Completed 3 year UG degree (in Commerce/Business Administration/ Applied Sciences/ Finance/Economics or in a related discipline) with 1-2 Years of experience with 1.5 years of relevant experience in project finance/banking/ consulting/energy or infrastructure sector Previous relevant Qualification of NSQF Level (5) with 3 Years of experience of relevant work experience in project finance/banking/ consulting/energy sector/infrastructure or in a related segment Previous relevant Qualification of NSQF Level (5.5) with 1-2 Years of experience 1.5 years of relevant experience in project finance/banking/consulting/energy sector/infrastructure or in a related segment 					
	10	Overview of instrumentation and control for green hydrogen plant SGJ/MCr-0005	6	30 Hours	 Pursuing 4th year UG (in case of 4-year UG with honours/honours with research) [BE/BTech /UG (Hon) (Instrumentation/ Chemical or in a related discipline)] with NA of experience Completed 4 year UG program [B.E/B.Tech/UG(Hon) (Instrumentation/Chemical or in a related discipline)] with NA of experience Completed 3 year UG degree [(B.Sc. in Chemistry)] Previous relevant Qualification of NSQF Level (5) with 3 Years of experience of experience in hydrogen, other process gas industry and instrumentation across relevant industry sector Previous relevant Qualification of NSQF Level (5.5) with 1-2 Years of experience 1.5 years of experience in hydrogen, other process gas industry and instrumentation across relevant industry sector 					









					N	SQF Jo	b Leve	els (L)			
Sectors	L2	L 2.5	L3	L 3.5	L 4	L 4.5	L 5	L6	L7	Under Revision	Total
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors 756*



Trained and Certified Candidates 561720*



No. of States and **UTs Covered** 28*



Affiliated Training Centers (PAN INDIA) 909*

* Numbers as on June 2024

Qualifications / Joh Poles

				Qualification	is / Job Roles
Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	1	CMS Engineer - Wind Power Plant SGJ/Q1501	5	480 hours (240 hours mandatory modules + 60 hours employability skills + 180 hours OJT)	 Completed 2nd year of UG Pursuing 2nd year of UG and continuous education Completed 2nd year of diploma (after 12th) Pursuing 2nd year of 2-year diploma after 12th 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year relevant experience 12th Grade pass with 2 year relevant experience 10th Grade pass with 4 year relevant experience Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3 year relevant experience
WIND ENERGY	2	Construction Technician- Wind Power Plant SGJ/Q1401	4	420 hours (120 hours mandatory modules + 60 hours employability skills + 180 hours OJT + 60 hours of either 1 elective)	 12th Grade Pass without experience 10th Grade Pass plus 2 year NTC/ 10th Garde Pass plus 1 year NTC plus 1 year NAC/ 10th Grade Pass and pursuing continuous schooling without experience 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS Completed 2nd year of 3 year diploma (after 10th) and pursuing regular diploma Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience
	3	O&M Electrical & Instrumentation Technician – Wind Power Plant SGJ/Q1503	4	420 hours (240 hours mandatory modules + 60 hours employability skills + 120 hours OJT)	 12th Grade Pass without experience 10th Grade Pass plus 2 year NTC/ 10th Garde Pass plus 1 year NTC plus 1 year NAC/ 10th Grade Pass and pursuing continuous schooling without experience 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS Completed 2nd year of 3 year diploma (after 10th) and pursuing regular diploma Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	4	O&M Mechanical Technician - Wind Power Plant SGJ/Q1502	4	420 Hours (240 hours mandatory modules + 60 hours employability skills + 120 hours OJT)	 12th Grade Pass without experience 10th Grade Pass plus 2 year NTC/10th Garde Pass plus 1 year NTC plus 1 year NAC/ 10th Grade Pass and pursuing continuous schooling without experience 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS Completed 2nd year of 3 year diploma (after 10th) and pursuing regular diploma Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience
WIND ENERGY	5	Project Assistant Planner - Wind Power Plant SGJ/Q1201	3	330 hours (210 hours mandatory modules + 30 hours employability skills + 90 hours OJT)	 Grade 10 with no experience required Grade 8 with two year of (NTC/ NAC) after 8th with no experience required Grade 8 pass and pursuing continuous schooling in regular school with vocational subject with no experience required 8th grade pass with 2years relevant experience 5th grade pass with 5 years relevant experience Previous relevant Qualification of NSQF Level 2 with 3 year relevant experience
	6	I and Site Surveyor- I I		480 Hours (240 hours mandatory modules + 60 hours employability skills + 180 hours OJT)	 Completed 2nd year of UG Pursuing 2nd year of UG and continuous education Completed 2nd year of diploma (after 12th) Pursuing 2nd year of 2-year diploma after 12th 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year relevant experience 12th Grade pass with 2 year relevant experience 10th Grade pass with 4 year relevant experience Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3 year relevant experience
SMALL HYDRO	7	Small Hydro Power Plant Technician (Jal Urja Mitra SGJ/Q0604	4	450 hours (180 hours mandatory modules + 60 hours employability skills + 90 hours OJT + 120 hours of either 1 elective)	 12th Grade Pass without experience 10th Grade Pass plus 2 year NTC/ 10th Garde Pass plus 1 year NTC plus 1 year NAC/ 10th Grade Pass and pursuing continuous schooling without experience 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS Completed 2nd year of 3 year diploma (after 10th) and pursuing regular diploma Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience









					N	ISQF Jo	b Leve	els (L)			
Sectors	L2	L 2.5	L3	L 3.5	L 4	L4.5	L5	L6	L7	Under Revision	Total
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors 756*



Trained and Certified Candidates 561720*



No. of States and **UTs Covered** 28*



Affiliated Training Centers (PAN INDIA) 909*

* Numbers as on June 2024

		Job Roles
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			Qualifications / Fox 115155						
Sectors	Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification			
		1	Biomass Depot Operator SGJ/Q6207	4	390 hours (including 210 hours of compulsory modules + 60 hours of Employability modules and 120 hours of OJT)	10th Pass with 2 years of experience NSQF Level 3 certified Agri Residue Aggregator with 1 year of suitable experience			
		2	Animal Waste Manure Aggregator SGJ/Q6302	3	390 Hours (240 hours with 30 hours employability module + 90 OJT + 60 hours of either elective)	• 10th Pass			
RIO ENIERGY	NENGT	3	Agri-residue Aggregator SGJ/Q6201	3	330 Hours including 240 hours of compulsory modules with 30 hours of Employability Skills+90 hours of recommended OJT	10th Pass Ability to read and write with 3 years of relevant experience			
A OIA	-018	4	Feedstock Manager - Procurement and Composition SGJ/Q0501	6	600 hours including Theory : 180 + Practical : 210 + OJT : 120 + ES : 90	 Pursuing first year of 2-year PG program after completing 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science) Pursuing PG diploma after 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science). Completed 4 year UG (in case of 4-year UG with honours/ honours with research, in relevant field e.g., Agriculture/Environmental Science etc). 12th Grade Pass with 2 years of Vocational Education & Training with 2 years of relevant experience (e.g. in bioenergy) 12th Grade with 1 year NTC plus 1 year NAC/CITS with 2 year relevant experience (e.g. in bioenergy) 12th grade pass with 4 years relevant experience.(e.g. in bioenergy, etc) Previous relevant Qualification of NSQF Level 5 (e.g. Supervisor – Operations and Maintenance Compressed Biogas/Waste to Energy - Level 5) with 3 years of relevant experience (e.g. in bioenergy/ waste to energy sector, etc) 			

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
	5	Manager- Waste Management SGJ/Q6501	6	Total 600 includes Theory: 120 (110+10) + Practical: 150 (130 + 20) + OJT: 240 +ES: 90 (with one elective)	 Pursuing first year of 2-year PG program after completing 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science) Pursuing PG diploma after 3 year UG degree (in relevant field e.g., Agriculture/Environmental Science). Completed 4 year UG (in case of 4-year UG with honours/ honours with research) (in relevant field e.g., Agriculture/Environmental Science, etc). 12th Grade Pass with 2 years of Vocational Education & Training with 2 years of relevant experience (e.g. in Agriculture/Environmental Science, etc) 12th Grade with 1 year NTC plus 1 year NAC/CITS with 2 year relevant experience (e.g. Agriculture/Environmental Science, etc) 12th grade with 1 year NAC plus CITS with 2 years relevant experience 12th grade pass with 4 years relevant experience. (e.g. in waste management sector, etc) Supervisor – Operations and Maintenance Compressed Biogas/Waste to Energy - Level 5 with 3 years of relevant work experience.
	6	Plant Head - Operations Compressed Biogas/ Waste to Energy SGJ/QQ0607	7	Total 690 includes : Theory : 180 + Practical : 240 + OJT : 180 + ES : 90	 Pursuing PhD with no Experience Required Pursuing 2nd year of 2 year PG Eng. with no Experience Required Completed 3 year UG degree with 3 years of relevant experience Completed 4 year UG degree with Honours/ Honours with research with 2 years of relevant experience Previous relevant Qualification of NSQF Level 6 with 3 years of relevant experience
BIO-ENERGY	7	Supervisor – Operations & Maintenance Compressed Biogas/ Waste to Energy SGJ/0605	5	Total 510 notional hours (Theory: 180 + Practical: 210 + OJT: 60+ES: 60)	 Completed 2nd year of UG Pursuing 2nd year of 2-year diploma after 12th with no experience required 12th pass with 1 year Vocational Education & training (NTC or NAC or CITS) Completed 3 year diploma after 10th with 1 year relevant experience 12th Grade pass with 2 year relevant experience.(e.g. in bioenergy, etc) 10th Grade pass with 4 year relevant experience(e.g. in bioenergy, etc) Previous relevant Qualification of NSQF Level 4 and with minimum education as 8th Grade pass with 3 year relevant experience. (e.g. in bioenergy, etc)
	8	and Maintenance Compressed Biogas/ Waste to Energy Prac		Total 420 notional hours (including Theory : 90 + Practical : 150 + OJT : 120 + ES : 60)	 12th Grade Pass Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma 10th Grade Pass plus 2 year NTC/ 10th Grade Pass plus 1 year NTC plus 1 year NAC 10th Grade Pass with 2 years of relevant experience 8th Pass plus 2 year NTC plus 1 year NAC plus CITS 8TH grade pass with 4 years experience Previous relevant qualification of NSQF Level 3.0 with minimum education as 8th grade pass with 3 years of experience (e.g. in bioenergy)
	9	Biomass Pellet Manufacturing Junior Technician SGJ/Q4201	3	Total 300 Hours i.e., 10 Credits (Including 210 Hours of domain NOS + 30 hours of Employability + 60 hours of On the Job Training OJT)	10th grade pass 8th grade pass (with two year of [NTC/ NAC) after 8th] with NA of experience Previous relevant Qualification of NSQF Level (NSQF Level 2.5) with 1-2 Years of experience 1.5-year relevant experience
	10	Bio-Energy Micro 110 hou 10 Entrepreneur 4 of On-th SGJ/Q4102 60 hours		450 Hours (70 hours Theory + 110 hours Practical+120 hours of On-the-Job Training (OJT) + 60 hours Employability module + 90 hours any Elective	 10th grade pass and pursuing continuous schooling 12th grade pass (all streams) with no experience Completed 2nd year of 3-year diploma (after 10th) 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. 8th pass plus 2-year NTC plus 1-Year NAC plus 1-Year CITS 10th Grade Pass with 2 years of relevant experience Previous relevant Qualification of NSQF Level 3 with 3 years of relevant experience
	11	Portable Improved Cookstove Assembler SGJ/Q2102	3	330 hours (90 hours Theory + 120 hours Practical + 30 hours employability skills + 90 hours OJT)	 Ability to read and write with 5 years of experience 5th grade pass with 4 years of experience 8th grade pass with 1 year of experience Grade 9th pass
SUIX	12	Improved Cookstove Installer SGJ/Q2101	4	390 hours (120 hours Theory + 150 hours Practical + 60 hours Employability Skills + 60 hours OJT)	10th pass with 2 years of experience Certified Portable Improved Cookstove Assembler at NSQF level 3 with 1 year of relevant work experience
CLEAN COOKING	13	Clean Cookstove Sales and Maintenance Executive SGJ/Q2104	4	390 hours (120 hours Theory + 150 hours Practical + 60 hours Employability skills + 60 hours OJT)	11th Grade pass 10 grade pass and pursuing continuous schooling 10th Grade pass with 2 years of relevant experience Certified Portable Improved Cookstove Assembler at NSQF level 3 with minimum education as 5th grade pass with 2 year of relevant work experience
CL	14	Clean Cookstove Distributor SGJ/Q2105	5	480 hours (120 hours Theory + 150 hours Practical + 60 hours employability skills + 150 hours OJT)	12th Pass with 1 year vocational education & training(NTC or NAC or CITS) Certified Clean Cookstove Sales and Maintenance Executive/ Improved Cookstove Installer at NSQF level 4 with minimum education as 8th grade pass with 3 years of relevant work experience 12th grade pass with 2 years of relevant experience 10th grade pass with 4 years of relevant experience









	NSQF Job Levels (L)										
Sectors	L 2	L 2.5	L3	L 3.5	L 4	L4.5	L5	L6	L7	Under Revision	Total
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

Optimize resource utilization at workplace

Adopt sustainable practices at workplace

SGJ/N1702

SGJ/N1703

3

3

30 hours

30 hours

3

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors **756***



Trained and Certified Candidates 561720*



N/A

N/A

No. of States and UTs Covered 28*



Affiliated Training Centers (PAN INDIA) 909*

* Numbers as on June 2024

	Qualifications / Job Roles									
Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification					
	1	Green Logistics Practices SGJ/N4601	4	30 hours	12th Class (or equivalent) 10th Class with 2 Years of experience 8th grade pass plus 2-year NTC plus 1 Year NAC with 2 Years of experience					
SUSTAINABILITY	2	GHG Accounting and Sustainability Reporting SGJ/MCR0001	6	30 hours	 Pursuing first year of 2-year PG program after completing 3 year UG degree [(Maths/Chemistry/Physics/Management/Commerce/Economics)] with NA of experience Pursuing PG diploma after 3 year UG degree [(Maths/Chemistry/Physics/Management/Economics)] with NA of experience Completed 4 year UG program (in Engineering/Maths/Chemistry/Physics/ Economics(honours)/Commerce(honours)] with NA of experience Pursuing 4th year UG (in case of 4-year UG with honours/ honours with research (Engineering/Maths/Chemistry/Physics/Economics(honours)/Commerce (honours) and continuing education) with NA of experience Completed 3 year UG degree [(Maths/Chemistry/Physics/Management/ Economics)] with 3 Years of experience of Relevant experience in management/ consultancy/research in sustainability, circular economy, etc. Certificate-NSQF (5) Certificate-NSQF (5.5) 					

-	Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
MOIGHOTON	ECUIDORISIVI	5	Nature Conservator Cum Ecotourism Guide SGJ/Q1803	4	Total 420 Hours i.e. 14 Credits (Theory: 90 hours; Practical: 240 hours; OJT:60 hours and Employability Skills: 30 hours)	 12th Class (or equivalent) with NA of experience 10th Class with 2 Years of experience of relevant experience Previous relevant Qualification of NSQF Level (3.5) with 1-2 Years of experience with 1.5 years of relevant experience Previous relevant Qualification of NSQF Level (3) with 3 Years of experience of relevant experience
CTDV	-ORESTRY	6	Apiculturist (wild bee) – NTFP (Non Timber Forest Produce) SGJ/Q3301	2	Total 240 hours (Theory : 65 hours, Practical : 145 hours and Employability Skills : 30 hours)	No formal education prescribed
	FOR	7	Micro-Entrepreneur – NTFP (Non Timber Forest Produce) – Plant Origin SGJ/Q3101	4	Total 420 (Theory: 10 + 90 (Any Elective) hours: Practical: 20+ 180(Any Elective) hours OJT: 60 hours and employability skills 60 hours)	 12th Class (or equivalent) with NA of experience 10th Class with 2 Years of experience of relevant experience 10th grade pass (with two years of NTC) Previous relevant Qualification of NSQF Level (3.5) with 1-2 Years of experience with 1.5 years relevant experience Previous relevant Qualification of NSQF Level (3) with 3 Years of experience relevant experience









	NSQF Job Levels (L)										
Sectors	L2	L 2.5	L3	L 3.5	L 4	L 4.5	L5	L6	L7	Under Revision	Total
Solar Energy	1	1	3	1	9	0	4	0	0	7	26
Green Hydrogen	0	0	4	0	2	0	2	2	0	0	10
Wind Energy	0	0	1	0	3	0	2	0	0	0	6
Small Hydro	0	0	0	0	1	0	0	0	0	0	1
Bio Energy	0	0	3	0	3	0	1	2	1	0	10
Clean Cooking	0	0	1	0	2	0	1	0	0	0	4
Waste Management	0	0	2	0	2	1	0	1	0	0	6
Water Management	0	0	4	0	1	0	0	0	0	2	7
Sustainability	0	0	2	0	1	0	0	1	0	0	4
Ecotourism	0	0	0	0	1	0	0	0	0	0	1
Forestry	1	0	0	0	1	0	0	0	0	0	2
Total	2	1	20	1	26	1	10	6	1	9	77

TRAINING & ASSESSMENT CAPACITY



Certified Trainers 4717*



Certified Assessors 756*



Trained and Certified Candidates 561720*



No. of States and **UTs Covered** 28*



Affiliated Training Centers (PAN INDIA) 909*

* Numbers as on June 2024

Qualifications / Joh Roles

	Qualifications / Job Roles								
Sectors	S.No. Name of the Qualification NSQF Level Course Duration/ Training Hours				Trainee Education/Qualification				
GEMENT	1	Safai Mitra SGJ/Q6102	3	Total 360 Notional Hours i.e. 12 Credits (Including Theory: 150 hours + Practical: 150 Hours + 60 hours of OJT)	Ability to read and write with 5 Years of experience relevant experience Previous relevant Qualification of NSQF Level (2.5)				
	2	Material Recovery Facility (MRF) Micro-Entrepreneur SGJ/Q4103		420 hours (75-hour theory + 135 hours practical+120 hours On the Job Training (OJT) + 90 hours of employability)	 12th grade pass Completed 2nd year of 3-year diploma (after 10th) Pursuing 2nd year of 3-year regular Diploma (after 10th) 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. 8th pass plus 2-year NTC plus 1-Year NAC plus 1-Year CITS 10th Grade Pass and pursuing continuous schooling Previous relevant Qualification of NSQF Level 3.0 with 3-year relevant experience 				
WASTE MANAGEMENT	3	Plastic Recycling Operator SGJ/Q4005	3	360 hours includes 240 hours (Theory+ Practical) +30 hours Employability Skills+90 hours On the Job Training (OJT	 Grade 10 with no experience required Grade 8 with two year of (NTC/ NAC) after 8th with no experience required Grade 8 pass and pursuing continuous schooling in regular school with vocational subject with no experience required 8th grade pass with 2 years relevant experience 5th grade pass with 5 years relevant experience Previous relevant Qualification of NSQF Level 2 with 3 year relevant experience 				
-	4	Plastic Recycling Micro-Entrepreneur SGJ/Q4104 450 hours (95-hour theory + 175 hours practical+120 hours On the Job Training OJT + 60 hours of employability)		175 hours practical+120 hours On the Job Training OJT + 60 hours	 12th grade pass Completed 2nd year of 3-year diploma (after 10th) Pursuing 2nd year of 3-year regular Diploma (after 10th) 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. 8th pass plus 2-year NTC plus 1-Year NAC plus 1-Year CITS 10th Grade Pass and pursuing continuous schooling Previous relevant Qualification of NSQF Level 3.0 with 3 year relevant experience 				

Sectors	S.No.	Name of the Qualification	NSQF Level	Course Duration/ Training Hours	Trainee Education/Qualification
GEMENT	5	Biomedical Waste Management-Nursing and Paramedical Staff SGJ/MCR0002	4.5	30 hours	Completed 1st year of UG (UG Certificate) ([Nursing/Paramedical/BSc (Science)]) with NA of experience Pursuing 1st year of UG (3-year/4-year UG ([Nursing/Paramedical/BSc (Science)) and continuous education] with NA of experience Completed 1st year of diploma (after 12th) (2 year diploma (Medical Laboratory Technology/Nursing) (after 12th)) with NA of experience Pursuing 2nd year of 2-year diploma after 12th (2-year diploma (Medical Laboratory Technology/Nursing) and continuing education) with NA of experience 12th grade Pass with 1 Year of experience experience at Healthcare unit Certificate-NSQF (3.5 Level) with 3 Years of experience relevant
WASTE MANAGEMENT	6	Waste Optimisation Professional 6 SGJ/Q5002		Total 570 hours (Theory : 120 hours Practical : 210 hours OJT : 150 hours Employability skills: 90 hours)	 Completed 4 year UG program (in relevant field) with 1 Year of experience of relevant experience Completed 3 year UG degree (in relevant field) with 2 Years of experience of relevant experience 12th Class (+2 year of diploma in relevant field) with 3 Years of experience of relevant experience Previous relevant Qualification of NSQF Level (5.5) with 1-2 Years of experience with 1.5 years of relevant experience Previous relevant Qualification of NSQF Level (5) with 3 Years of experience of relevant experience
	7	Desludging Operator SGJ/Q6403	3	360 hours (240 hours mandatory NOS + 90 hours of OJT + 30 hours Employability module)	 Ability to read and write with 5 years of relevant experience 5th Pass+3 years of experience in masonry/plumbing work 8th Pass+1 year of experience in masonry/plumbing work 9th Pass
	8	Rooftop Rainwater Harvesting Entrepreneur SGJ/Q4101	4	420 Hours including 330 hours of mandatory NOS and 90 hours of On the Job (OJT) training	 10th Class Pass + NTC (1 year after Class 10th), with 1 year of relevant experience 10th Class Pass + NTC (2 years after Class 10th) 10th Class Pass plus 3 Years Diploma 12th Class Pass, plus 6 months of relevant experience Certified on Rainwater Harvesting Technician NSQF Level 3, with 2 years of relevant experience
MENT	9	Junior Technician- Rooftop Rainwater Harvesting SGJ/Q4003	3	330 Hours including 270 Hours of Mandatory NOS and 60 hours of On the Job Training (OJT)	8th Class Pass + NTC (2 years) Class 10th Pass Previous relevant Qualification of NSQF
WATER MANAGEMENT	10	Sewer Entry Professional 3 SGJ/Q4007		Total 330 Hours i.e. 11 Credits (Theory 80hrs+ Practical 130 hrs) + 30hrs employability skills + 90 hrs OJT	 5th grade pass with 5 Years of experience of relevant work experience includes experience in Waste/ waste water management, sanitation or in a related field Previous relevant Qualification of NSQF Level (2.5) with 6 Months of experience of relevant work experience includes experience in Waste/ waste water management, sanitation or in a related field Previous relevant Qualification of NSQF Level (2) with 1 Year of experience of relevant work experience includes experience in Waste/ waste water management, sanitation or in a related field
	11	Junior Technician- Mechanized Sewer Cleaning SGJ/Q4006 330 (90 hours theory + 120 hours practical + 90 hours OJT + 30 hours of employability skills)		practical + 90 hours OJT + 30	• 5th Grade pass with 5 years of relevant experience • Grade 8 pass with two years of (NTC/ NAC) after 8th • 8th Grade Pass with 2 years relevant experience • Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of relevant experience • Previous relevant Qualification of NSQF Level 2 with 3 years of relevant experience # Relevant work experience includes experience in Waste/ waste water management, sanitation or in a related field
	12	Wastewater Treatment Plant Helper SGJ/Q6602	Under Revision	Under Revision	Under Revision
	13	Wastewater Treatment Plant Technician SGJ/Q6601	Under Revision	Under Revision	Under Revision