

SECTOR-WISE QUALIFICATION FOR TRAINING

Sectors	NSQF Job Levels (L)										Total
	L2	L2.5	L3	L3.5	L4	L4.5	L5	L6	L7	Under Revision	
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
GREEN HYDROGEN	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)	<ul style="list-style-type: none"> 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
	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)	<ul style="list-style-type: none"> 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
	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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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

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)	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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)
9	Fundamentals of Financing for Green Hydrogen Project SGJ/MCr-0004	6	30 Hours	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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