

Model Curriculum

Waste Picker

SECTOR: GREEN JOBS
SUB-SECTOR: Waste Management
OCCUPATION: Solid Waste Collection

REF ID: SGJ/Q6103, V1.0
NSQF LEVEL: 3



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

SKILL COUNCIL FOR GREEN JOBS

for the

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: **'Waste Picker'** OP No. **'SGJ/Q 6103 NSQF Level 3'**

Date of Issuance: **May 25th, 2017**

Valid up to: **march 17th, 2019**

* Valid up to the next review date of the Qualification Pack



Authorised Signatory
(Skill Council for Green Jobs)

TABLE OF CONTENTS

1. Curriculum	01
2. Trainer Prerequisites	05
3. Annexure: Assessment Criteria	06

Waste Picker

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Waste Picker”, in the “Green Jobs” Sector/ Industry and aims at building the following key competencies amongst the learner:

Program Name	Waste Picker		
Qualification Pack Name & Reference ID. ID	SGJ/Q6103, v1.0		
Version No.	1.0	Version Update Date	25 th April 2017
Pre-requisites to Training	5 th Pass, Preferably		
Training Outcomes	After completing this programme, participants will be able to: <ul style="list-style-type: none">• Search and collect reusable and recyclable refuse• Preparation and sale of reusable and recyclable refuse• Door to Door collection of Waste• Maintain personal health and safety while working with waste		

This course encompasses 3 out of 3 National Occupational Standards (NOS) of “Waste Picker c” Qualification Pack issued by “Skill Council for Green Jobs”.

S. No	Module	Key Learning Outcomes	Equipment Required
1	Introduction to the role of waste picker Theory Duration (hh:mm) 1.:30 Practical Duration (hh:mm) 6:30 Corresponding NOS Code SGJ/N6109	<ul style="list-style-type: none"> Understand the role of waste picker in searching , collecting and sale of reusable and recyclable refuse to waste aggregators; Understand the advantages of doing this course; Understand basic skills required to perform the task of waste picker; 	
2	Search and collect reusable recyclable refuse Theory Duration (hh:mm) 09:00 Practical Duration (hh:mm) 39:00 Corresponding NOS Code SGJ/N6109	<ul style="list-style-type: none"> Identify different categories and types of Solid Waste including their physical and chemical properties. Identify different types of reusable and recyclable waste, including hazardous waste from bins, landfills, street, etc.. Identify the different types of bins used in waste collection/storage including colour coding and marking. Explain the Do’s and Don’ts of waste handling Identify and prepare the equipment used for waste collection Use of equipment like wooden sticks, magnets etc. for collection of reusable and recyclable waste Identify the different Personal Protective Equipment and carry the required Personal Protective Equipment for the activities to be performed Identify the area and time of operation for collection of refuse. Pick up relevant waste and carry in a safe manner Signs and Symbols used for waste collection. Proper handling of Recyclable waste. 	different types of recyclable waste for demonstration purpose
3	Preparation and sale of reusable and recyclable refuse Theory Duration (hh:mm) 09:00 Practical Duration	<ul style="list-style-type: none"> Identify the signs and symbols used for waste segregation. Explain proper handling of recyclable waste Identify and explain the sorting procedure for different types of refuse/ waste Modify waste item(s) for value addition, if possible 	

	(hh:mm) 39:00 Corresponding NOS Code SGJ/N6110	<ul style="list-style-type: none"> Bundle the item(s) for transportation, if required Clear the work area appropriately after completing the work Understand the market selling price of recyclable/reusable waste Identify the local waste aggregator for sale of recyclable/reusable waste. Ensure proper collection of cash and count 	
4	Door to Door collection of Waste Theory Duration (hh:mm) 06:00 Practical Duration (hh:mm) 26:00 Corresponding NOS Code SGJ/N6111	<ul style="list-style-type: none"> Identify different color codes used in waste management Identify different tools used in collection of waste. (Such as Garbage Bins, Bags, hand Carts and wheel barrows). Collect the Waste from Waste Generators. Sort the waste as per Biodegradable, Recyclable and Non-biodegradable waste. Sort the waste in major categories at/ or close to the source of waste generation. Identify the Do's and Don'ts while collecting and handling waste Identify Containers for different types of Waste. Containerize Segregated waste properly. Support in transportation of Solid waste to secondary collection point while maintaining Segregation. 	
5	Maintain Personal health and Safety Theory Duration (hh:mm) 4:30 Practical Duration (hh:mm) 19:30 Corresponding NOS Code SGJ/N6103	<ul style="list-style-type: none"> Understand the requirement of personal cleanliness and Hygiene Identify proper personal Health and safety tools including gloves and masks. Demonstrate proper use of gloves and Masks Demonstrate steps to be followed to maintain personal cleanliness while working Locate first aid box and take action in case of self-injury. Demonstrate safety operating procedures for collection, segregation and transportation of Recyclable waste. 	Hand Sanitizer / Soap Hand gloves, Appropriate Mask to cover face. (One for each candidate)
	Theory Duration (hh:mm) 30:00 Practical Duration (hh:mm) 130:00	different types of recyclable waste for demonstration purpose, Hand Sanitizer / Soap, Hand gloves, Appropriate Mask to cover face. (One for each candidate).	

Grand Total Course Duration: 160 Hours, 0 Minutes

(This syllabus/ curriculum has been approved by [Skill Council for Green Jobs](#))

Trainer Prerequisites for Job role: "Waste Picker" mapped to Qualification Pack: "SGJ/Q6103, v1.0"

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack "SGJ/Q6103, Version 1.0".
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	10 th Pass, Preferably Or The education qualification can be relaxed in case of relevant field experience.
4a	Domain Certification	Certified for Job Role: "Waste Picker" mapped to QP: "SGJ/Q6103, Version 1.0". Minimum accepted score as per respective as per SCGJ guidelines is 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "MEP/Q0102". Minimum accepted score as per SCGJ is 80%.
5	Experience	Minimum 2 years of relevant industry experience or working in relevant NGO/ Organizations.

Annexure: Assessment Criteria

Assessment Criteria for Waste Picker	
Job Role	Waste Picker
Qualification Pack	SGJ/Q6102, Version 1.0
Sector Skill Council	Green Jobs

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for Qualification Pack has been created based on the NOSs and performance criteria by SCGJ. Each Performance Criteria (PC) has been assigned marks proportional to its importance within NOS and weightages have also been given among the NOSs accordingly. SCGJ has laid down the proportion of marks for Skills, Theory/Knowledge and Behaviour / Attitudes for each PC.
2	The assessment of the theory/knowledge will be based on written test/viva-voce or both while skill test shall be hands on practical. Behaviour and attitude will be assessed while performing the task.
3	The assessment shall be done as per the assessment sheets devised by SCGJ and accordingly the assessment agencies in consultation with SCGJ will create unique question papers for theory/knowledge and attitude for each candidate at each SCGJ accredited testing centres (as per assessment criteria below)
4	The assessment agencies will conduct the assessment as per the guidelines given by SCGJ having unique evaluations for skill practical for every student at each SCGJ accredited testing centre based on this criteria
5	To pass the Qualification Pack, every trainee should score a minimum of 50% in the overall assessment.
6	The marks are allocated PC wise; however, every NOS will carry a weight age in the total marks allocated to the specific QP

NOS	Performance Criteria	Marks Allocation			
		Total Mark	Out Of	Theory	Skills Practical
SGJ/N6110 Search and collect reusable and recyclable refuse	PC1. Prepare the equipment used for waste collection	30	4	1	3
	PC2. Identify and carry the required Personal Protective Equipment for the activities		6	2	4
	PC3. Identify the area and time of operation for collection of refuse.		6	2	4
	PC4. Search and identify the types of reusable and recyclable waste that can be collected from bins, landfills, street, etc.		10	3	7
	PC5. Pick up relevant waste and carry or transport in a safe manner		4	1	3
	TOTAL		30	9	21
SGJ/N6110 Preparation and sale of reusable and recyclable refuse	PC1. Spread the refuse/waste collected, at the designated place	30	3	1	2
	PC2. Sort out the refuse/waste as per type		7	2	5
	PC3. Modify waste item(s) for value addition, if possible		5	1	4
	PC4. Bundle the item(s) for transportation, if required		4	1	3
	PC5. Clear the work area appropriately after completing the work		3	1	2

	PC6. Sell the items to the identified waste aggregator		4	1	3
	PC7. Ensure proper collection of cash and count		4	1	3
		TOTAL	30	8	22
SGJ/N6111 Door to Door Waste Collection	PC1. Identify different color codes used in waste management	50	6	2	4
	PC2. Identify different tools used in collection of waste. (Such as Garbage Bins, Bags, hand Carts and wheel barrows).		5	1	4
	PC3. Collect the Waste from Waste Generators.		6	2	4
	PC4. Sort the waste as per Biodegradable, Recyclable and Non-biodegradable waste.		8	3	5
	PC5. Sort the waste in major categories at/ or close to the source of waste generation.		4	1	3
	PC6. Identify the Do's and Don'ts while collecting and handling waste		3	1	2
	PC7. Identify Containers for different types of Waste.		6	2	4
	PC8. Containerize Segregated waste properly.		6	2	4
	PC9. Support in transportation of Solid waste to secondary collection point while maintaining Segregation.		6	2	4
		TOTAL	50	16	34
SGJ/N6103 Maintain Personal Health Safety and	PC1. Demonstrate the use of personal protective equipment's required at work place.	40	15	5	10
	PC2. Ensure Personal Hygiene		10	3	7
	PC3. Demonstrate safety operating procedures for collection, segregation and transportation of Recyclable waste.		15	5	10
		TOTAL	40	13	27