



Model Curriculum

MCr Name: Basic Sanitization and Infection Control at Workplace

MCr Code: HSS/MCr-0002

NSQF Level: 2.5

Model Curriculum Version: 1.0

Healthcare Sector Skill Council | | Healthcare Sector Skill Council, 520, DLF Tower A, 5th Floor, Jasola
District Centre, New Delhi – 110025

Table of Contents

Training Parameters.....	3
Program Overview	4
Training Outcomes.....	4
Compulsory Modules.....	4
Module Details.....	5
Module 1: Infection control practices and waste management.....	5
Annexure.....	7
Assessment Strategy.....	7
References	9
Glossary.....	9
Acronyms and Abbreviations.....	10

Training Parameters

Sector	Healthcare
Sub-Sector	Allied Health and Paramedics
Occupation	
Country	India
NSQF Level	2.5
Minimum Educational Qualification and Experience	9th Grade pass Or 8th Grade pass and pursuing continuous schooling. Or 5 th Grade pass with 4 years of relevant experience
Pre-Requisite License or Training	Not Applicable
Minimum Job Entry Age	18 Years
Last Reviewed On	31/01/2024
Next Review Date	31/01/2027
NSQC Approval Date	31/01/2024
QP Version	1.0
Model Curriculum Creation Date	31/01/2024
Model Curriculum Valid Up to Date	31/01/2027
Model Curriculum Version	1.0
Minimum Duration of the Course	7.5 Hrs.
Maximum Duration of the Course	7.5 Hrs.

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Follow infection control and sanitization policies and procedures as per sectoral work requirements.
- Segregate and dispose of waste disposal according to the SOPs.

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
<i>Infection control & sanitization policies at workplace</i>	<i>04:00</i>	<i>03:30</i>	<i>00:00</i>	<i>00:00</i>	<i>07:30</i>
Module 1: Infection control practices and waste management	04:00	03:30	00:00	00:00	07:30

Module Details

Module 1: Infection control practices and waste management

Terminal Outcomes:

- Apply self-hygiene and social distancing practices and follow infection control guidelines.
- Demonstrate correct waste disposal methods as per guidelines and regulations.

Duration: 04:00	Duration: 03:30
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the concept of disease outbreak, epidemics, and pandemics and their impact on society at large. • Explain the significance of following prescribed rules and guidelines during an epidemic or a pandemic. • Differentiate between self-quarantine and self-isolation and their significance. • Discuss the significance of social distancing and alternate ways of carrying out everyday tasks (use of e-payment gateways/online learning/virtual meetings, etc.) during a pandemic. • Discuss the significance of conforming to basic personal and workplace hygiene practices such as washing hands, using alcohol-based hand sanitizers, examining office supplies/deliveries and their sanitization, etc. • List various surfaces that may serve as potential fomites at workplace. • Identify PPE to be used at workplace and the process of donning, doffing, and discarding them. • Discuss the importance and process of identifying and reporting symptoms to the concerned authorities. • Discuss organizational hygiene and sanitation guidelines and ways of following them and reporting breaches/gaps if any. • Explain the importance and mechanism of proper and safe disposal, transportation, and treatment of waste. • Discuss the ways of dealing with stress and anxiety during a disease outbreak. 	<ul style="list-style-type: none"> • Show how to sanitize and disinfect one's work area regularly. • Demonstrate the correct way of washing hands using soap and water, and alcohol-based hand rubs. • Display the correct way of donning, doffing and discarding PPE such as face masks, hand gloves, face shields, PPE suits, etc. • Demonstrate appropriate social and behavioural etiquette (greeting and meeting people, spitting/coughing/sneezing, etc.). • Prepare a list of relevant hotline/emergency numbers. • Select different types of waste and various types of colour coded bins/containers used for disposal of waste.
Classroom Aids:	
Computer with internet, Video presentation	

Tools, Equipment and Other Requirements
--

E-modules depicting sanitization, infection control and waste disposal practices
--

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Any Graduate	experience working in healthcare set-up	2				
Graduate	Medical/Nursing/physiotherapy/dentistry/occupational therapy/pharmacy	0				
GNM	General Nursing Midwifery	0				

Trainer Certification	
Domain Certification	Platform Certification
Certified for HSS/MCr-0002 v1.0 with minimum score of 80%.	Recommended that the Trainer is certified for the Job Role: "Trainer (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0" with minimum score of 80%.

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Any Graduate	experience working in healthcare set-up Medical/Nursing/physiotherapy/dentistry/occupational therapy/pharmacy General Nursing Midwifery	4 years of clinical experience				
Graduate		1 year of clinical experience				
GNM		2 years of clinical experience				

Assessor Certification	
Domain Certification	Platform Certification
Certified for HSS/MCr-0002 v1.0" with minimum score of 80%.	Recommended that the Assessor is certified for the Job Role: "Assessor (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2701, v2.0" with minimum score of 80%.

Annexure

Assessment Strategy

Assessment System Overview

In the recent situation, the concept of online assessment, limiting contact is emphasized. The practical demonstration of skills and knowledge based on the performance criteria will be substituted and assessed by scenario based questions, application based case studies etc.

The assessment papers for theory would be developed by Subject Matter Experts (SME) hired by Healthcare Sector Skill Council or with the HSSC accredited Assessment Agency as per the assessment criteria mentioned in the NOS. The assessments papers would also be checked for various outcome based parameters.

The following tools would be used for final assessment:

Online theory assessment:

Question paper consisting of MCQs with questions from the curriculum and NOS may be prepared and assessed after training on each respective training module. The following types of questions can be a part of the online assessment.

- i. True / False Statements
- ii. Multiple Choice Questions
- iii. Matching Type Questions.
- iv. Scenario/ simulation-based Questions
- v. Identification Questions

Degree of Complexity of Questions

Complexity of questions in each exam assesses the student's ability to manage all of the demands of a task. Overall, 40% of the questions would be rated as hard (high difficulty), 30% would be allocated to questions rated as medium and 30% for questions rated as easy (low difficulty).

Project/ Report submission:

To assess the candidate's procedural and conceptual knowledge, report submission will be implemented. The reports would be submitted to the training facilitator via e-mail/ e- links etc.

Assessment and Proctoring Strategy:

- Complete Online assessments would be conducted through smart phones, laptops, tablets, computer system.
- Online Proctoring mechanism would be used through the web cam or front camera of the

smart phones.

- Trail of assessment logs, documentation, photographs, and candidate videos will be stored.
- Entire process will be monitored, controlled & tracked and corrective actions will be taken on real time basis.

Quality Assurance in Assessments

Quality assurance is an important part of the assessment process. There are a number of practices that contribute to assuring the quality of the assessment process in the chain of quality assurance.

Policies for online assessment may further include the constituting elements of quality, which include technological infrastructures, learner authentication, examination security and electronic security measures.

Parameters for the online proctoring –

- **Window Switch:** The total no of times and the total amount of time which the candidate has spent outside the assessment window
- **Face Recognition:** Identifying and validating the authenticity of the candidates who have appeared for the assessment
- **Face Detection:** Identifying the presence of another individual in the candidate images and account for the probable assistance received
- **Object Detection:** Identifying and flagging the suspicious objects (like mobile phone) in the candidate image which could be used for malpractice.
- **Multiple Login:** The number of times a candidate has logged into the assessment.

References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
BMW	Biomedical Waste
PPE	Personal Protective Equipment