



ASSESSMENT MATERIAL

EVIDENCE GUIDE

Qualification

Gemstone Faceting

CS Code: 0214G & J3

Level: 2

Credit: 10

Version: 1

PERFORM BASIC GEMSTONE IDENTIFICATION

CONTENTS

1. Assessment Summary and Record
2. Candidate Assessment
3. Assessor Judgment Guide
4. List of required tools/ equipment, material and context of assessment

ASSESSMENT AND ASSESSOR DETAILS

Competent

☐

Not Yet Competent

☐

Assessment

☐

Re-Assessment

☐

Assessor's Name:

Assessor's Code

Assessor's Signature..... Date

DD		MM		YYYY					

CANDIDATE DETAILS

Candidate's Name:

First Name Last Name

Father's Name

Institute Name and District

CNIC/ BFORM #

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Registration Number issued by Assessment Body

Gender

Male ☐ Female ☐ Transgender ☐

Candidate's Consent

I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.

Candidate's Signature:

ASSESSMENT RESULTS SUMMARY FORM

You can use this cover sheet as an *Assessment Results Summary Form*. Simply post a photocopy of this completed coversheet to NAVTTTC

NAVTTTC OFFICE ONLY

1. DATE FORM RECEIVED:

DD		MM		YYYY					

2. DATE ENTERED INTO DATABASE:

DD		MM		YYYY					

1

ASSESSMENT SUMMARY & RECORD

Candidate's Name:..... Father's Name:.....							
ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	PORTFOLIO	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: PERFORM BASIC GEMSTONE IDENTIFICATION	COMPETENT	NOT YET COMPETENT
Practical Skill Demonstration		✓		✓	Perform role play for performing basic gemstone identification		
Knowledge Assessment	✓	✓			Answer any questions your Assessor may have during the practical assessment		
Other Requirement					NA		

2

CANDIDATE ASSESSMENT

Candidate's Name:..... Father's Name:.....

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to perform within **02 Hours** timeframe:

- **Perform a role play to demonstrate, perform basic gemstone identification:**
 - ✓ Properties of gemstone
 - ✓ Identify the crystal structure

Important Note: The following general performance criteria will be followed and performed in all the tasks (where applicable) by the candidate in order to meet this standard.

- ✓ Follow health and safety procedure as per the requirements of given task
- ✓ Prepare work station as per the requirements of task
- ✓ Select tools/ equipment as per the requirements of task
- ✓ Report to supervisor in case of any contingency after taking necessary actions
- ✓ Complete the work by following sequence of operations
- ✓ Perform task(s) within standard timeframe

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical task in performing basic gemstone identification	During Practical assessment under observation by an assessor, I will correctly carry out the following task. • Properties of gemstone ✓ Calculate specific gravity with weighing balance ✓ Identify gemstone on the basis of Refractive Index ✓ Identify the cleavage, Breakage, Fracture and feathers and hardness. If any on the basis of physical properties ✓ Describe the color zoning, critical angle and orientation • Identify the crystal structure ✓ Identify the crystal structure on the basis crystal sample on geometrical shapes (cubic, tetragonal, hexagonal, trigonal, orthorhombic, monoclinic and triclinic)
2. Answer any questions your Assessor may have during the practical assessment	My answers to questions are correct and demonstrate my understanding of the topics and their application:

Candidate's Name:

Father's Name:

**INSTRUCTIONS
FOR
ASSESSOR**

This section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
1. Complete practical task in performing to perform basic gemstone identification under observation by an assessor, including:	During a practical assessment under observation by and assessor, the candidate correctly carried out the following tasks:			
Properties of gemstone	Calculate specific gravity with weighing balance			
	Identify gemstone on the basis of Refractive Index			
	Identify the cleavage, Breakage, Fracture and feathers and hardness. If any on the basis of physical properties			
	Describe the color zoning, critical angle and orientation			
Identify the crystal structure	Identify the crystal structure on the basis crystal sample on geometrical shapes (cubic, tetragonal, hexagonal, trigonal, orthorhombic, monoclinic and triclinic)			

2. Answer any questions their Assessor may have during the practical assessment	Candidate answers to questions are correct and demonstrate understanding of the topics and their application. <i>Assessor to document all questions asked and candidate answers below. Use extra sheets if required and attach.</i>			
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4

LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	This section contains information regarding; - Context of the assessment - List of required tools and equipment. - List of consumable items required during the service
1. Context of Assessment	This task will be performed in real time environment

2. List of tools and equipment required		
S. No	Name of Items (tools and equipments)	Quantity
01	Loup 10X	
02	Hardness Pencil	
03	Crystal Models	
04	Tweezers	

3. List of consumables		
S. No	Name of Items	Quantity/Volume
01	Various Gemstones as per need	