




STAGE 1


NOSS Development

Planning and Preparation
NOSS Development Session






STAGE 1 : Planning & Preparation

1. Workshop Session Requirement



- Literature review
 - ↳ Occupational area, industrial size, regulatory authority/industrial standard, etc
- Funding
- Facilitators – Submit for JPK Approval.
- Recorder
- Panel of expert workers – Submit for JPK Approval
- Proof Reader
- Facilities
- Program Schedule



STAGE 1 : Planning & Preparation

2. NOSS Facilitation Requirements




- Certified DESCUM facilitator - Occupational
- Excellent in facilitation skills
- Language proficiency in English and Bahasa Melayu (speaking and writing)

Cont...




STAGE 1 : Planning & Preparation

3. Strategies for finding participants



- Contacting stakeholders/regulatory body
- Industrial association /ILB
- Contacting professional agencies /association.
- Daftar Pakar Industri Negara (DPIN)
- Former Students
- Business directories and database
- Utilizing institutional contacts and networks
- OA development panels

Cont...



STAGE 1 : Planning & Preparation 


4. Session Logistics and Preparations

4.1 Human Resource Planning



- Identification of DESCUM facilitation team
- Identification of Primary contact Coordinator
- Confirmation of Participant
 - ↳ - Represent the industry sector
 - Consent and approval from employer
- Travel and Accommodation Arrangements
- Team Preparation

Cont... 

STAGE 1 : Planning & Preparation 




4. Session Logistics and Preparations

4.2 Facilities and Supplies






- Location and Room Arrangements
- Meal Arrangements and Refreshments
- Supplies
- Supporting documents
- Equipment / Materials

Cont... 


STAGE 2

NOSS Development Conducting NOSS Development Session






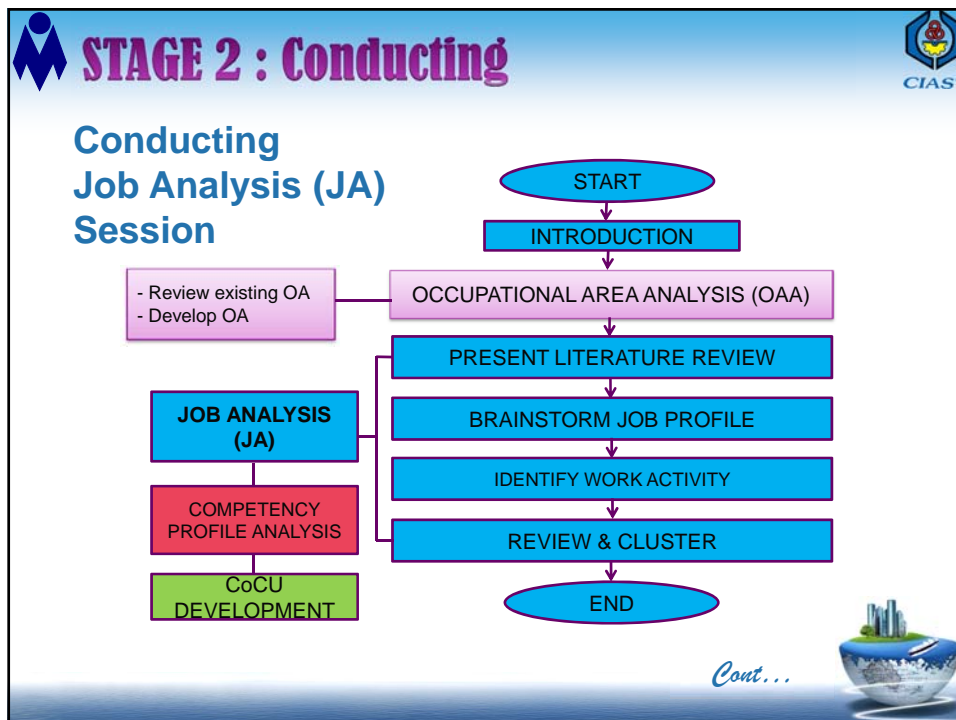
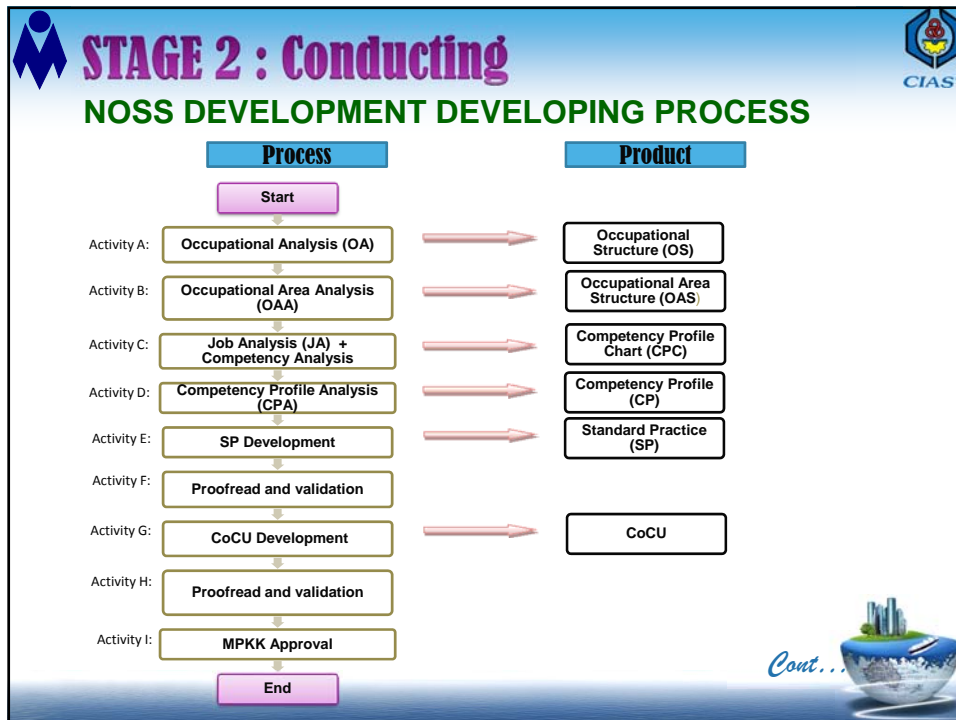
STAGE 2 : Conducting

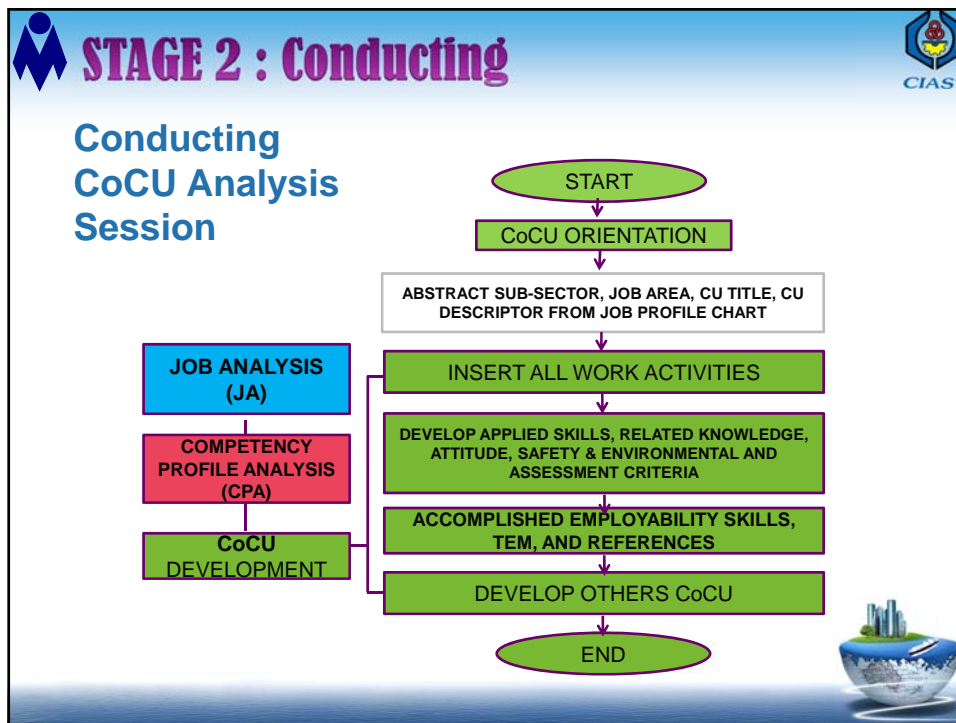
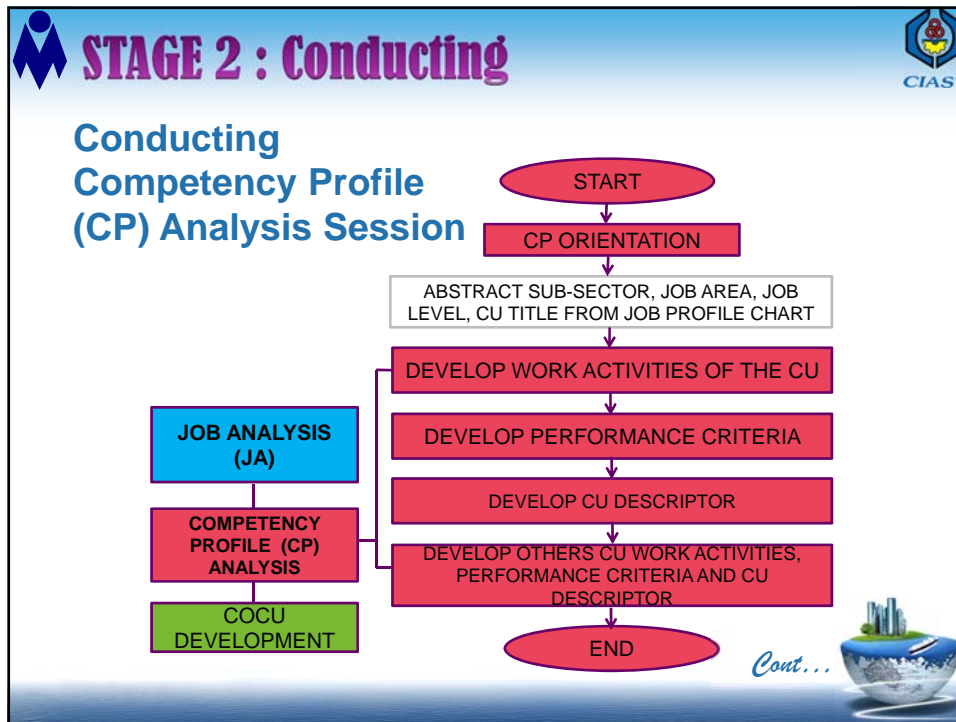
Orientation

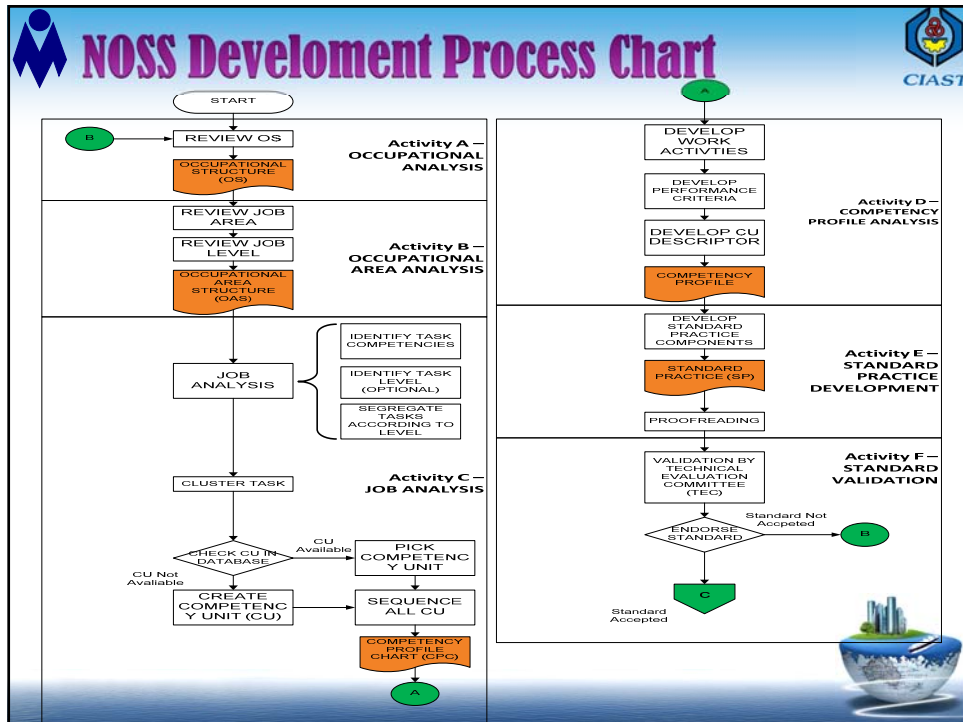


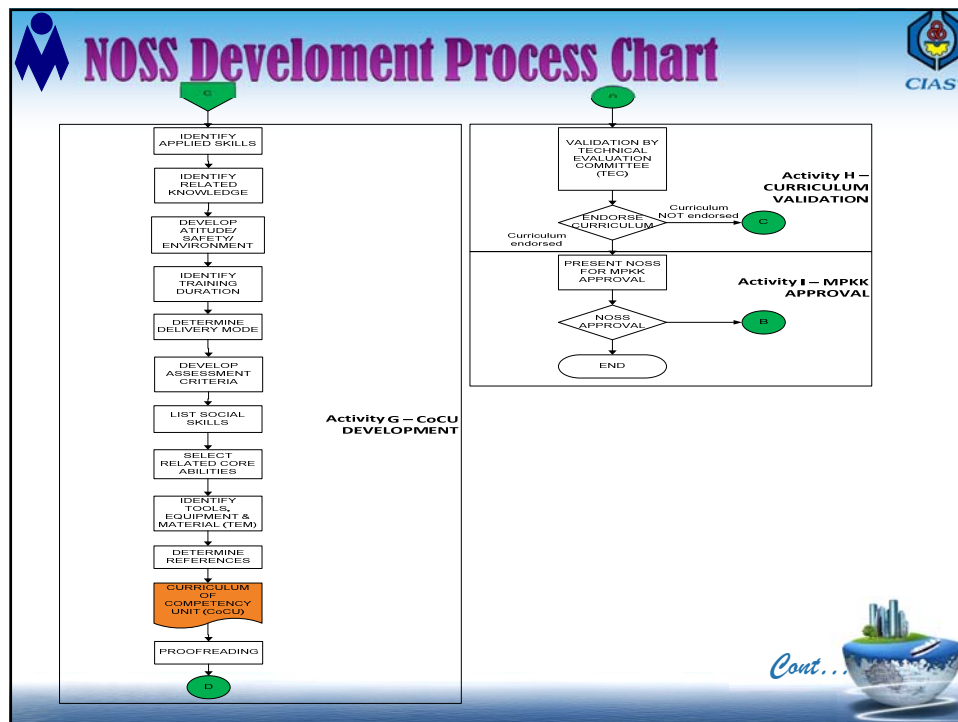
- Introduction
- Overview of session
- Clarify team roles (i.Facilitator, panels, proof reader, recorder, etc ii.Review agenda, facilities and logistics)
- Clarify DESCUM methodology
- Review steps associated in the development
- Provide sample(s) of NOSS documents
- Group consensus

















Occupational Analysis




Occupational Analysis (OA) is an identifying the industry sector, subsector, Job Area, Job Titles and Level of an occupation based on information gathered from needs analysis or industries input. **The product of this process is an Occupational structure (OS)** and Occupational Definition.

Its purpose is to analyze skilled human resource competency requirement for labour industry. Occupational Analysis development is a **preliminary process in developing a National Occupational Skills Standard – NOSS** and it is developed together with industry experts in their related fields.


Occupational Structure



Occupational Structure is a table shows career pathway for particular occupation derived from Occupational Analysis (OA) process. This table describes the Industry Sector, Sub-sector, Job Area, Job Title and Level of an occupation based on information gathered from needs analysis or industries input.

SECTOR	Insert related industry sector (Refer NOSS Registry)			
SUB-SECTOR	Insert related industry sub-sector (Refer NOSS registry)			
JOB AREA	The Job Area is a generic function at a related level			
LEVEL 5	JOB TITLE	JOB TITLE	JOB TITLE	JOB TITLE
LEVEL 4	JOB TITLE	JOB TITLE	JOB TITLE	JOB TITLE
LEVEL 3	JOB TITLE	JOB TITLE	JOB TITLE	JOB TITLE
LEVEL 2	JOB TITLE	JOB TITLE	JOB TITLE	JOB TITLE
LEVEL 1	JOB TITLE	JOB TITLE	JOB TITLE	JOB TITLE

OS Table Format




Example of Occupational Structure


SECTOR	HOSPITALITY AND TOURISM				
SUB SECTOR	FRONT OFFICE				
JOB AREA LEVEL	GUEST SERVICE	TELEPHONE OPERATION	FRONT OFFICE SERVICE	CONCIERGE	RESERVATION
LEVEL 5	FRONT OFFICE MANAGER (FOM)				
LEVEL 4	ASSISTANT FRONT OFFICE MANAGER (AFOM)			CONCIERGE MANAGER	RESERVATION MANAGER
LEVEL 3	GUEST SERVICE OFFICER	TELEPHONIST SUPERVISOR	FRONT OFFICE SUPERVISOR	BELL SUPERVISOR	RESERVATION OFFICER
LEVEL 2	GUEST SERVICE ASSISTANT	TELEPHONIST	FRONT OFFICE ASSISTANT	BELL CAPTAIN	RESERVATION CLERK
LEVEL 1	NO LEVEL	NO LEVEL	NO LEVEL	DOORMAN	NO LEVEL

Table 1: Example OS for Front office






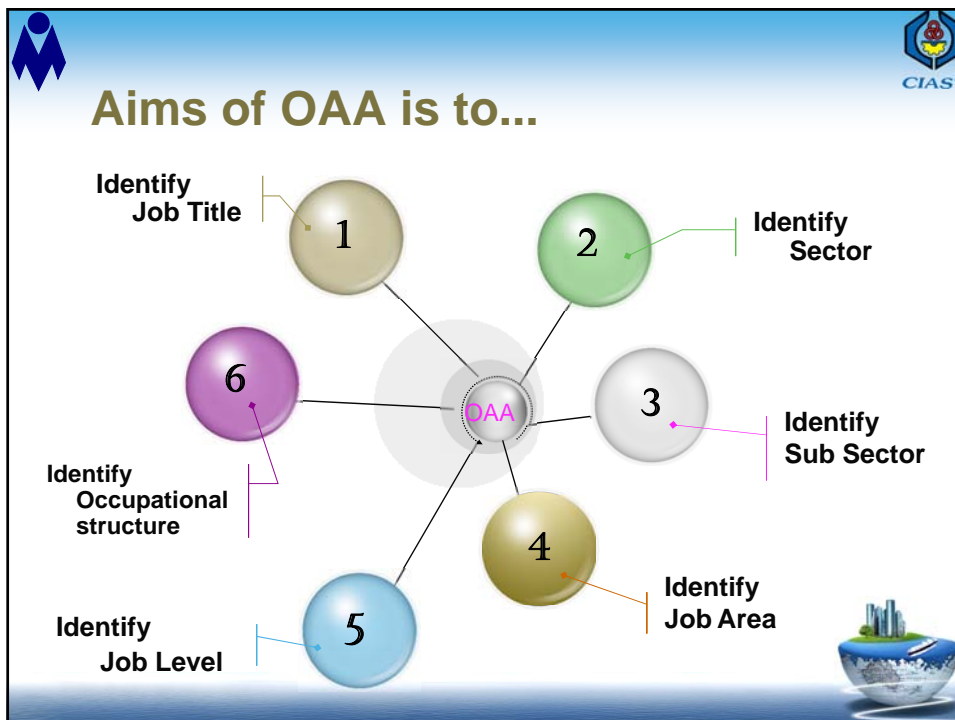
Occupational Area Analysis

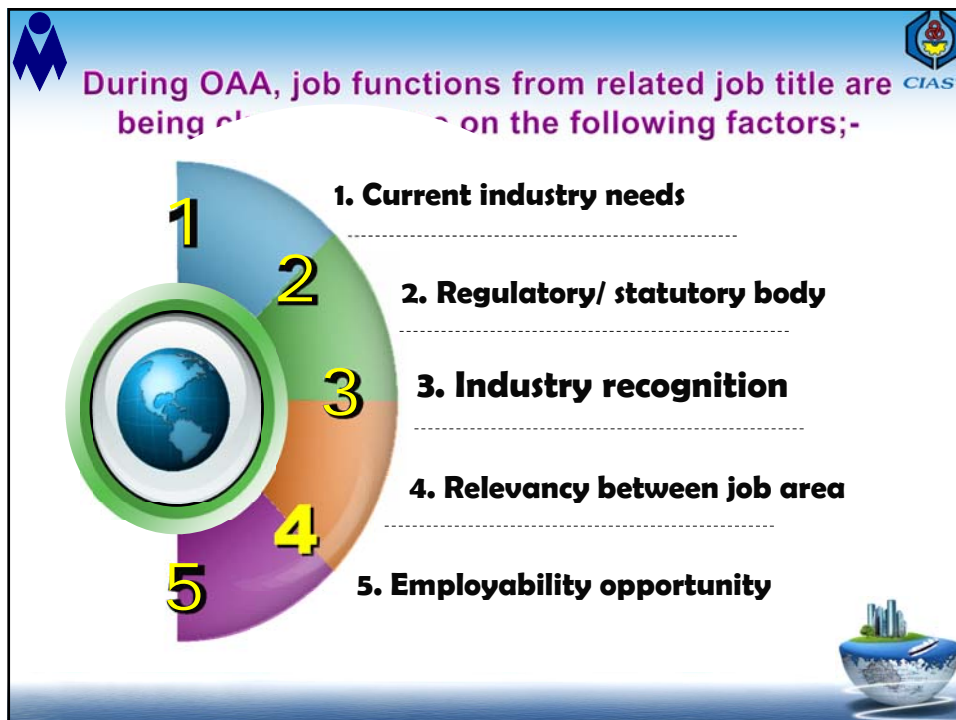
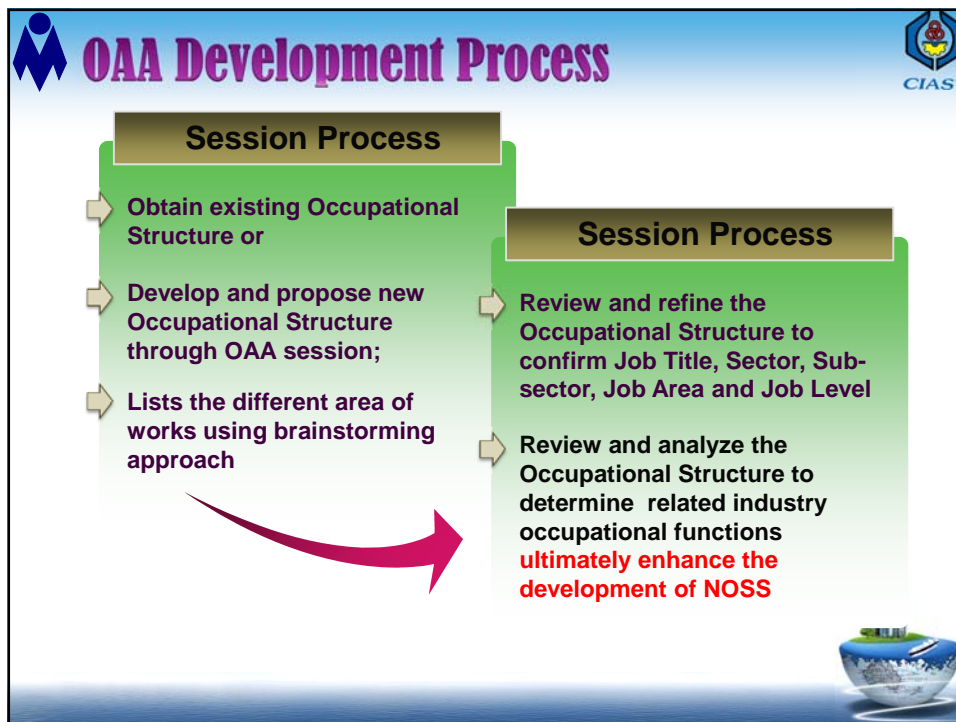



OAA is a process of reviewing the **Occupational Area from the OS to produce Occupational Area Structure (OAS)**. The objective of OAA is to confirm the area which have similar in the competency's among the Job titles.

The outcome of the OAA is the merging of areas (horizontally) and levels (vertically) within the sector. This eventually results to multi-skilling and multi-tasking due to sharing of competencies between areas and levels. **Nevertheless in certain cases, due to requirement of industry or regulation, merging is not necessarily required.**


Is the phase conducted for an occupational area **survey and review the scope of works of a particular profession**. The content of the survey ultimately enhance the development and determination of the elements of competency, outcomes and the significant functions and tasks that make up the **competency related to sub-sector/job area**.







Occupational Area Structure Format




SECTOR	Insert Related Industry Sector (Refer NOSS Registry)			
SUB-SECTOR	Insert Related Industry Sub-Sector Reflect to Main Industry Sector			
JOB AREA	The generic term to reflect the scope of work of a job function at related level			
LEVEL 5	NOSS TITLE		NOSS TITLE	
LEVEL 4	NOSS TITLE		NOSS TITLE	
LEVEL 3	NOSS TITLE	NOSS TITLE	NOSS TITLE	
LEVEL 2	EMBEDDED TO L3	EMBEDDED TO L3	NOSS TITLE	NOSS TITLE
LEVEL 1	EMBEDDED TO L3	NIL	EMBEDDED TO L2	EMBEDDED TO L2

OAS Table Format






Example of Occupational Area Structure




SECTOR	HOSPITALITY AND TOURISM				
SUB SECTOR	FRONT OFFICE				
JOB AREA LEVEL	GUEST SERVICE	TELEPHONE OPERATION	FRONT OFFICE SERVICE	CONCIERGE	RESERVATION
LEVEL 5	GUEST SERVICES MANAGEMENT				
LEVEL 4	GUEST SERVICES MANAGEMENT				
LEVEL 3	GUEST SERVICES OPERATION				
LEVEL 2	EMBEDDED TO L3				
LEVEL 1	NIL				

Table 2: Example OAS for Front office







Definition of Levels (1-3)




Level 1 :
 'Competent in performing a range of varied work activities, most of which are **routine and predictable**'

Level 2 :
 'Competent in performing a **significant range** of varied work activities, performed in a variety of context. **Some** of the activity are **non-routine** and required individual responsibility and autonomy'

Level 3 :
 'Competent in performing a **broad range** of varied work activities, performed in a variety of context, **most** of which are **complex and non-routine**. There is considerable responsibility and autonomy and control or guidance of others is often required'






Definition of Levels (4-5)




Level 4 :
 'Competent in performing a broad range of **complex technical or professional** work activities performed in a **wide variety of context** and with a substantial degree of personnel responsibility and autonomy. **Responsibility for the work of others** and allocation of resources is often present'

Level 5 :
 'Competent in **applying** a significant range of **fundamental principles and complex techniques** across a wide and often **unpredictable** variety of context. Very substantial personal autonomy and often significant **responsibility for the work of others** and for the allocation of substantial resources feature strongly, as do personal accountabilities for **analysis and diagnosis, design, planning, execution and evaluation**'





Definition of Levels (6-7)





Level 6 :

Competent in this level reflects the ability to **refine** and use relevant understanding, methods and skills to address **complex problems that have limited definition**. It includes taking responsibility for planning and developing courses of action **that are able to underpin substantial change or development, as well as exercising broad autonomy and judgment**. It also reflects an understanding of different perspectives, **approaches of schools of thought and the theories that underpin them**.


Level 7 :

Competent in this level reflects the ability to **reformulate** and use relevant understanding, methodologies and approaches to address **problematic situations** that involve many interacting factors. It includes taking responsibility for **planning and developing** courses of action that initiate or underpin substantial change or development, as well as exercising broad autonomy and judgment. It also reflects an understanding **of theoretical and relevant methodological perspectives, and how they affect their area of study or work**.

At this point, these levels are not govern by
NASDA 2006, Act 652


Definition of Levels (8)




Level 8 :

Competent in this level reflects the **ability to develop original understanding** and extend an area of knowledge or professional practice. It reflects the ability to address problematic situations that involve many complexes, interacting factors through initiating, designing and undertaking research, development or strategic activities. It involves the exercise of broad autonomy, judgement and leadership in sharing responsibility for the development of a field of work or knowledge, or for creating substantial professional or organizational change. It also reflects a critical understanding of relevant theoretical and methodological perspectives and how they affect the field of knowledge or work


At this point, these level is not govern by
NASDA 2006, Act 652








Job and Competency Analysis



Job Analysis (JA) is a process of **identifying the duties, tasks, job functions and responsibilities of an occupation.** In normal practice, **brainstorming technique among subject matter experts or practitioners is being applied.** The outcome of the brainstorming session is best written on cards or printed paper and posted on walls to allow the panel members to have an overall visualisation of the competencies. Ensure exhaustive analysis of job profile has been done in order to ensure all related tasks are covered.

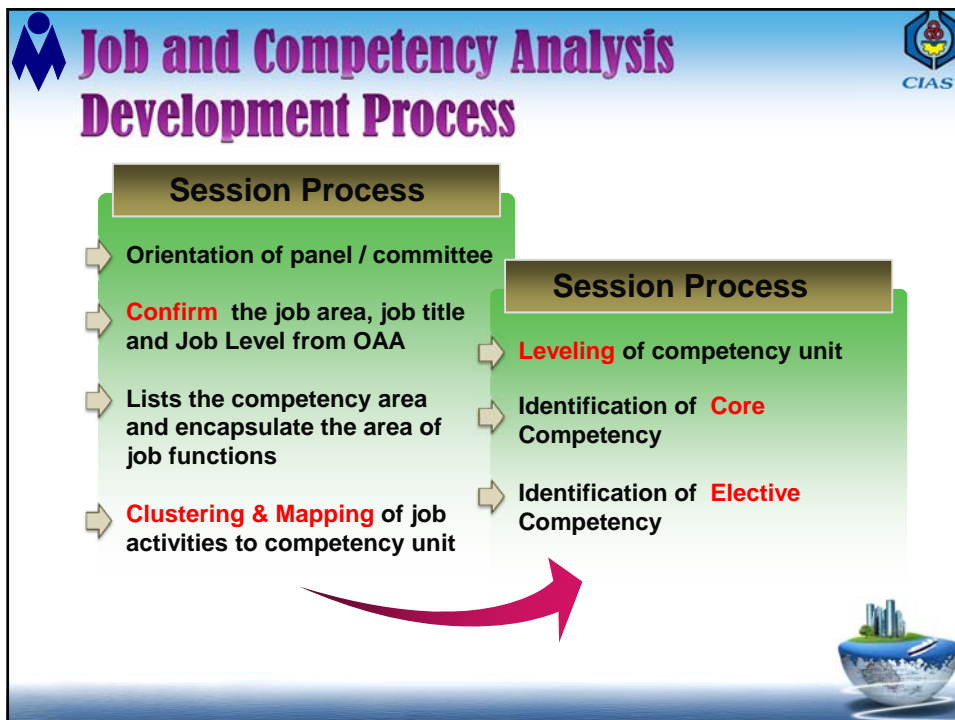
Then related tasks identified in JA are then being **selected to form the Competency Units (CU)** in Competency Analysis session.


A CU reflects a meaningful unit of work, which contains several activities to complete a work cycle. The outcome of the session is a list of CU's to make the Competency Profile Chart (CPC).




Job Analysis : Methods

- Questionnaires/surveys
- Face to face - interview
- Observation
- Log book
- Brainstorming Session
 - DACUM, DESCUM, CUDBAS





Definition of Core & Elective Competency Unit





CPC consist of core and elective competency units


CORE **Core Competency** unit is classified as generic and essential competencies required for a particular occupation

ELECTIVE **Elective Competency** unit is classified as related additional competencies and relevant to the particular occupation.

“Upon completing the list, the CU's are then categorised into core and elective competency based on industrial needs”

Core & Elective Competency Unit





CORE COMPETENCY UNIT

- Reflect core functions for a particular job area
- To meet full Certification requirements (SKM/DKM/DLKM)



ELECTIVE COMPETENCY UNIT

- Reflect complementary/elective functions for a particular job area
- To meet competency Certification requirements










Competency Unit (CU)

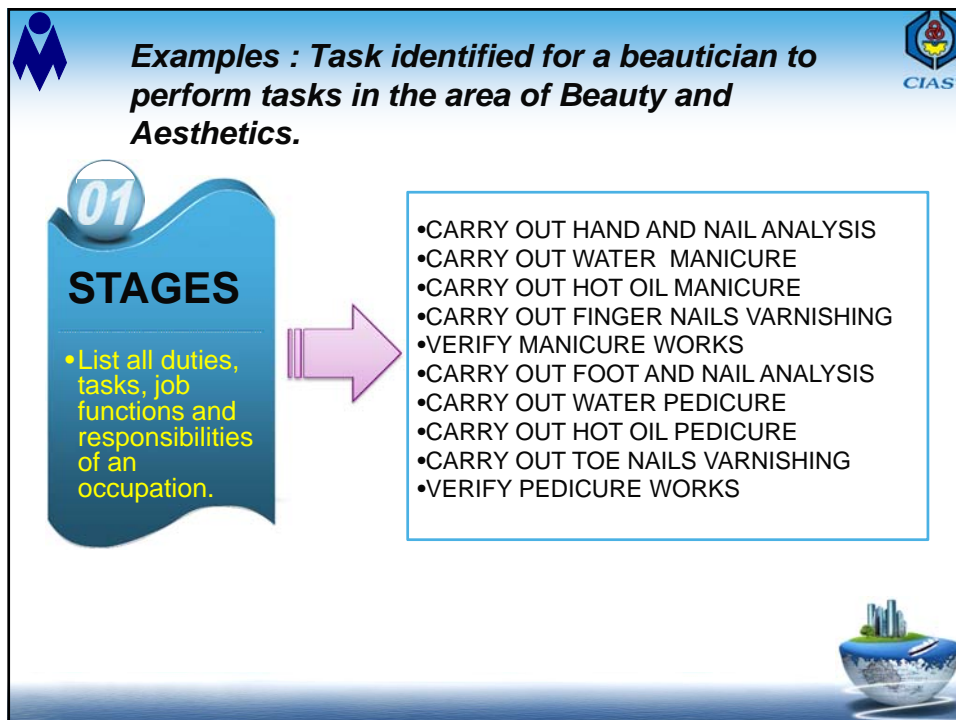
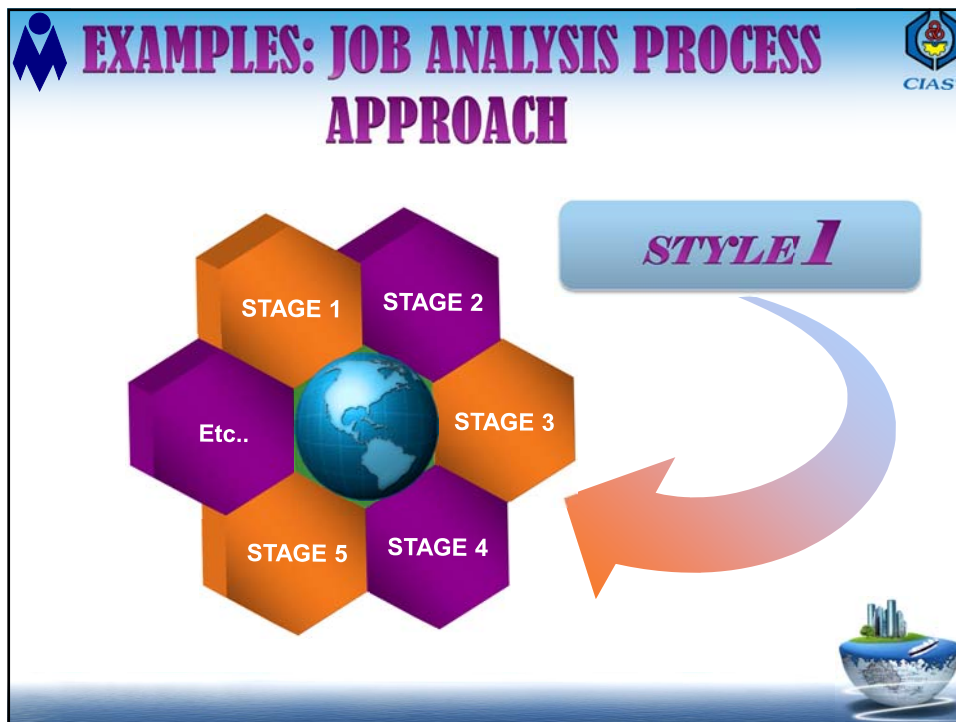



- Reflect job functions
- Written in the form of **Qualifier + Object**
- Must be independent (Stand Alone)
- Considering the Holistic Aspect
- Reflect meaningful unit of work, which contains several activities in complete a work cycle objectively
- Certification requirements

Use DACUM card for visualization the job functions




Examples : Identify tasks, levelling and segregate the task according to level

02 STAGES
Cluster list duties, tasks, job functions and responsibilities of an occupation by similarity in process flow, complete work cycle, procedures, tools and equipment etc, according to level of complexity and responsibility as shown.

CARRY OUT FOOT AND NAIL ANALYSIS	CARRY OUT WATER PEDICURE	CARRY OUT HOT OIL PEDICURE	CARRY OUT TOE NAILS VARNISHING	VERIFY PEDICURE WORKS
CARRY OUT HAND AND NAIL ANALYSIS	CARRY OUT WATER MANICURE	CARRY OUT HOT OIL MANICURE	CARRY OUT FINGER NAILS VARNISHING	VERIFY MANICURE WORKS

Legend : Identified related tasks
 Not related tasks




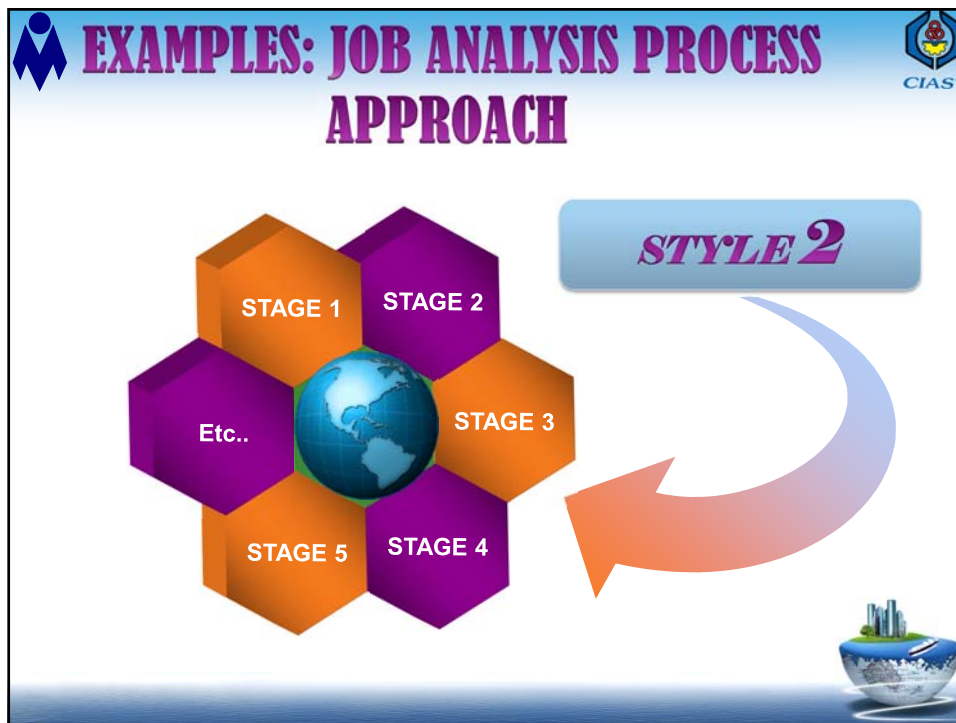
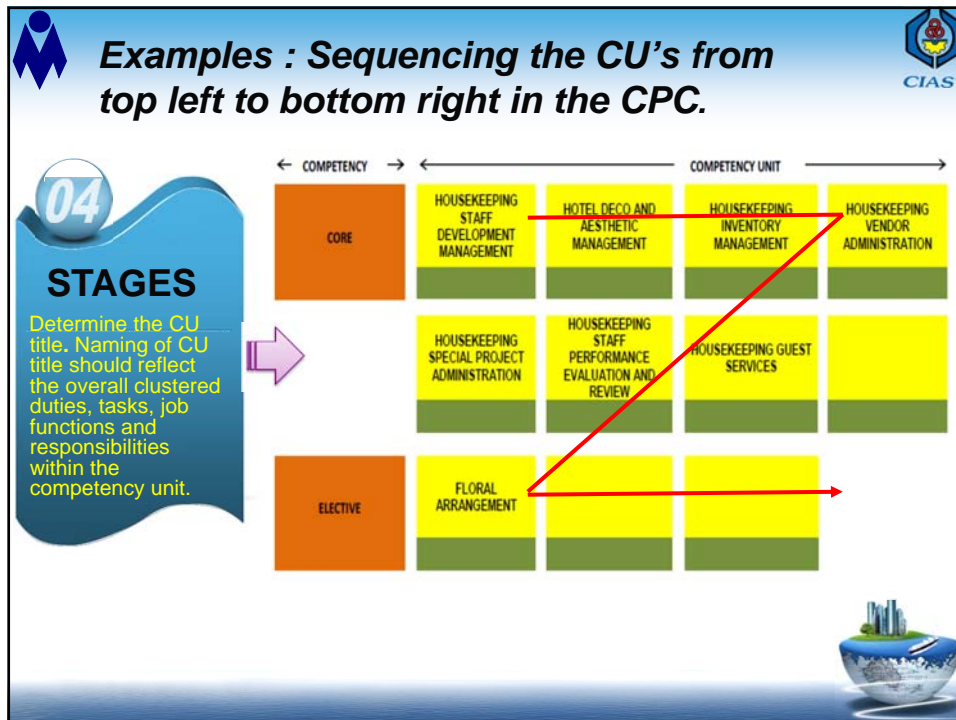
Examples : Tasks clustering and naming CU title

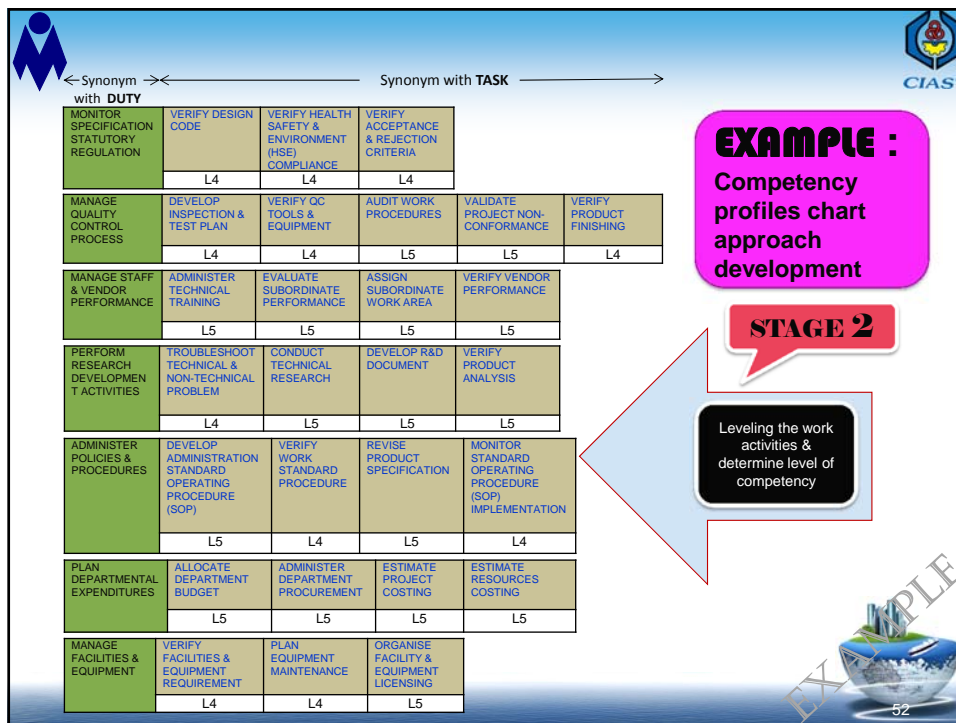
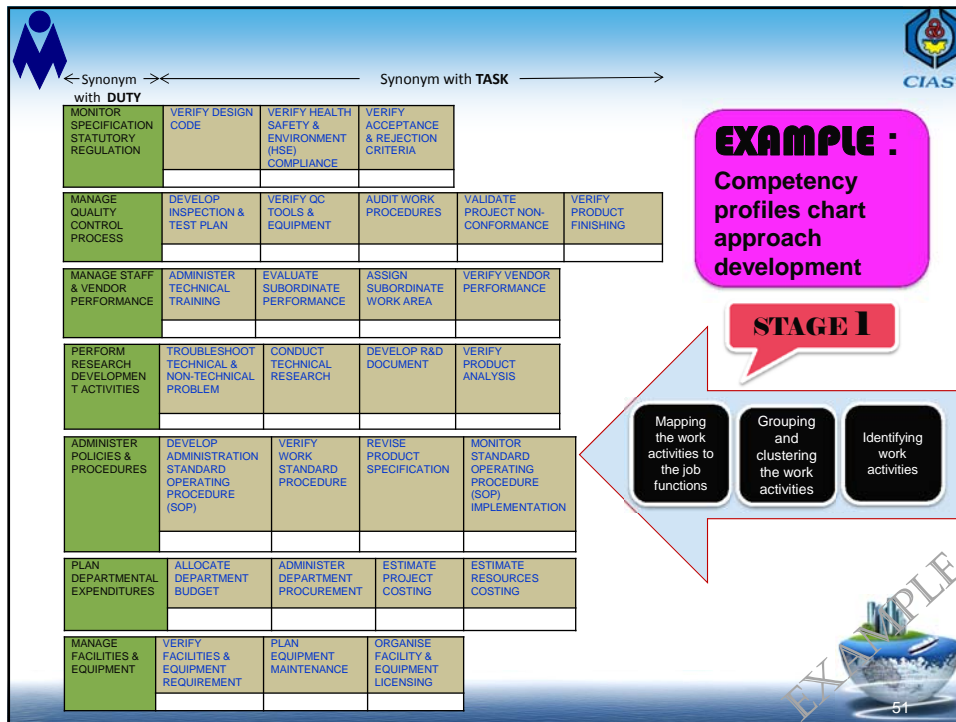
03 STAGES
Sequencing of the clustered duties, tasks, job functions and responsibilities of an occupation is shown

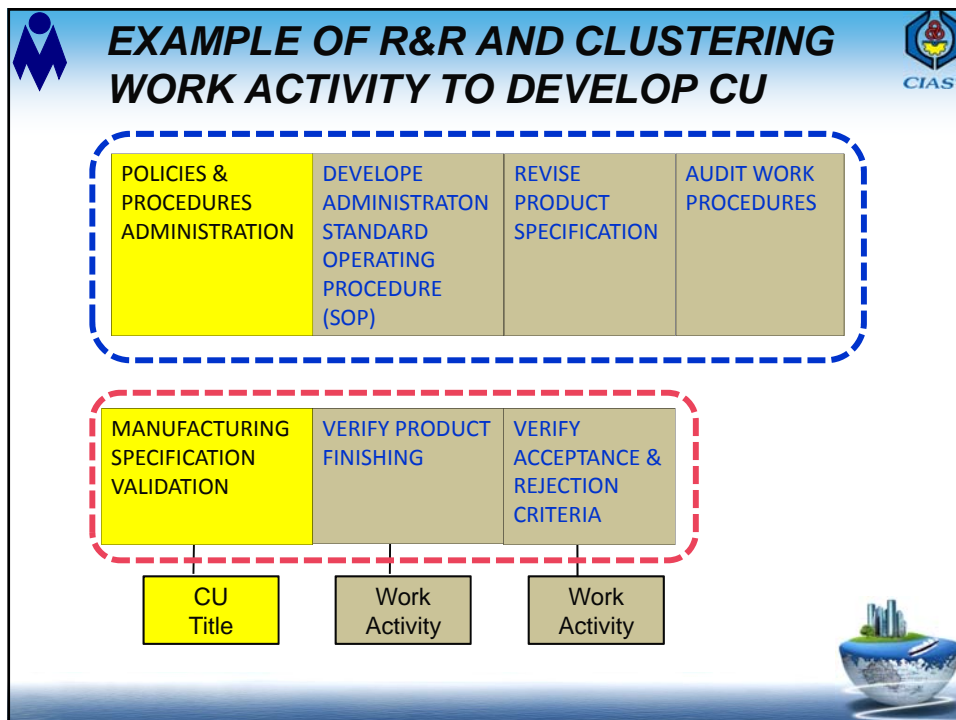
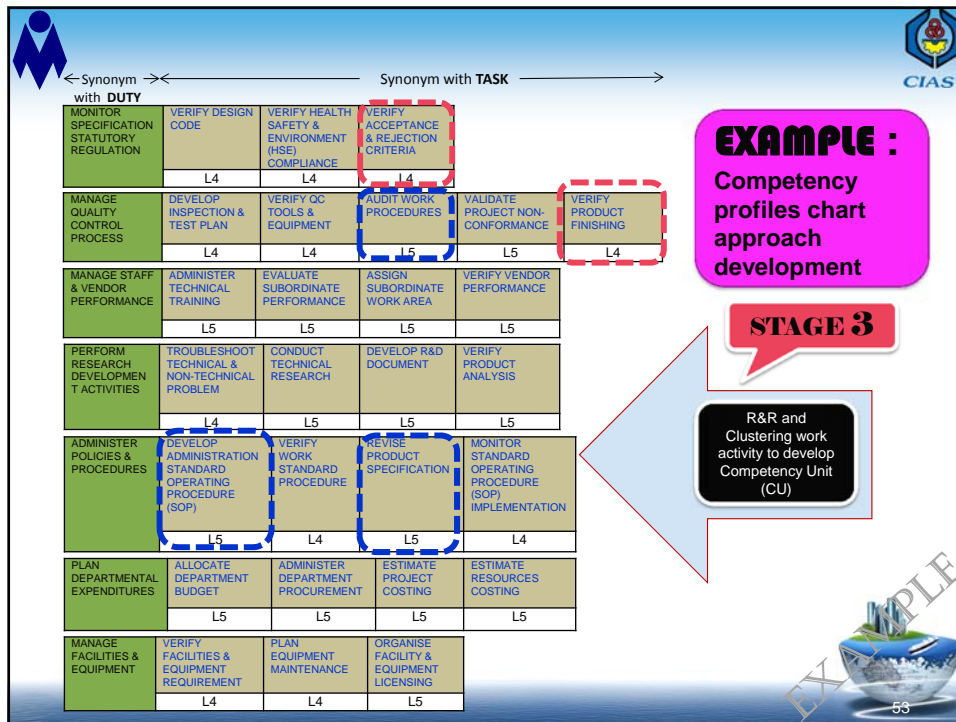
CARRY OUT HAND AND NAIL ANALYSIS	CARRY OUT WATER MANICURE	CARRY OUT FINGER NAILS VARNISHING	CARRY OUT FOOT AND NAIL ANALYSIS	CARRY OUT WATER PEDICURE	CARRY OUT TOE NAILS VARNISHING
L1	L1	L1	L1	L1	L1

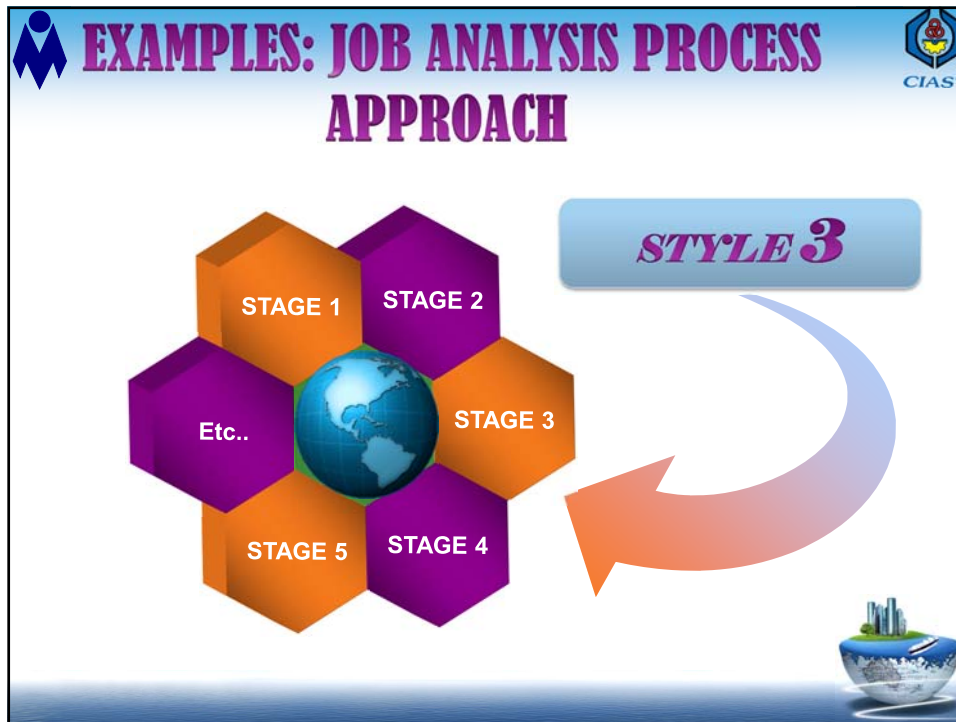
CU title: **MANICURE & PEDICURE SERVICES**
 HT-050-4:2011-C01







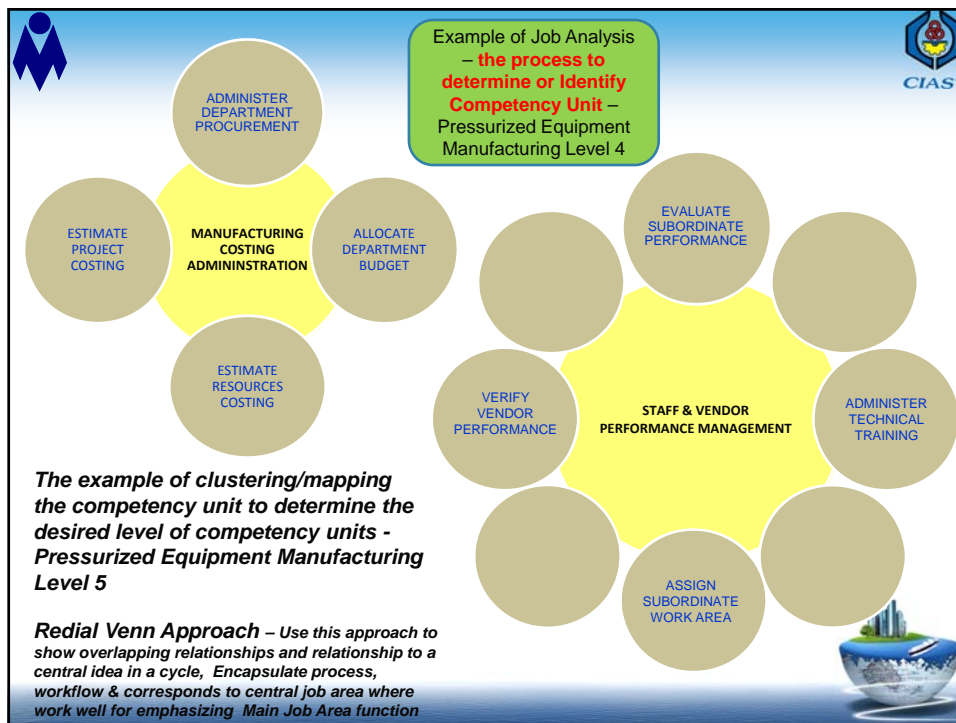
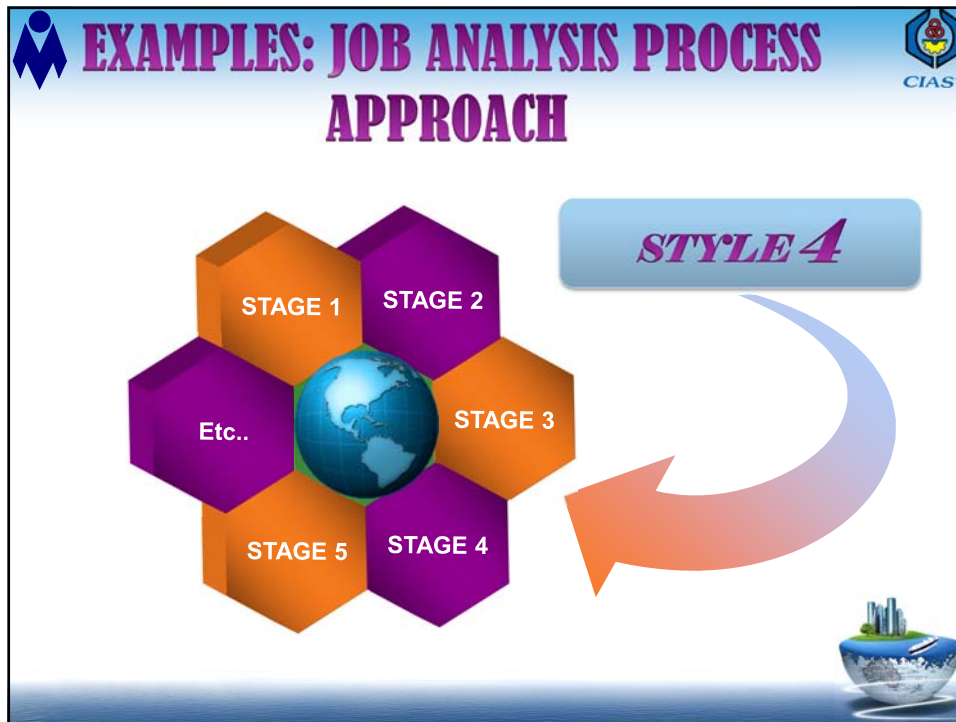


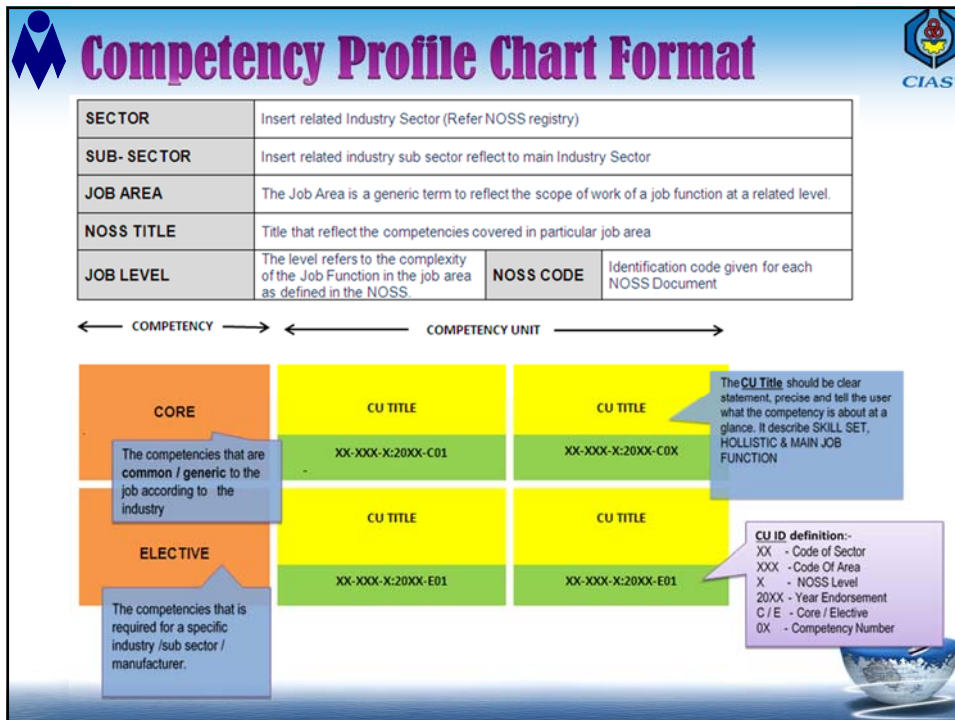


POLICIES & PROCEDURES ADMINISTRATION	MANUFACTURING SPECIFICATION VALIDATION	MANUFACTURING MARKETING DEVELOPMENT	MANUFACTURING COSTING ADMINISTRATION	STAFF & VENDOR PERFORMANCE MANAGEMENT	MANUFACTURING RESEARCH & DEVELOPMENT
DEVELOPE ADMINISTRATON STANDARD OPERATING PROCEDURE (SOP)	VALIDATE PROJECT NON-PERFORMANCE	ORGANISE FACILITY & EQUIPMENT LICENSING	ALLOCATE DEPARTMENT BUDGET	EVALUATE SUBORDINATE PERFORMANCE	CONDUCT TECHNOLOGY RESEARCH
REVISE PPRODUCT SPECIFICATION	VERIFY ACCEPTANCE & REJECTION CRITERIA	CONDUCT MARKET SURVEY	ADMINISTER DEPARTMENT PROCUREMENT	VERIFY VENDOR PERFORMANCE	PERFORM PRODUCT DEVELOPMENT
AUDIT WORK PROCEDURES		MANAGE PROJECT DELIVERY	ESTIMATE PROJECT COSTING	ADMINISTER TECHNICAL TRAINING	VERIFY PRODUCT ANALYSIS
			ESTIMATE RESOURCES COSTING	ASSIGN SUBORDINATE WORK AREA	

The example of clustering/mapping the competency unit to determine the desired level of competency units – Pressurized Equipment Manufacturing Level 5

Group list Approach – use this approach to show groups and sub-groups of information, or related area or sub area of job functions in a Main Function, encapsulate the process, workflow, corresponds to vertical job area where emphasizing hierarchical & multiple list of information






Competency Profile Chart Format

SECTOR	Insert related Industry Sector (Refer NOSS registry)		
SUB- SECTOR	Insert related industry sub sector reflect to main Industry Sector		
JOB AREA	The Job Area is a generic term to reflect the scope of work of a job function at a related level.		
NOSS TITLE	Title that reflect the competencies covered in particular job area		
JOB LEVEL	The level refers to the complexity of the Job Function in the job area as defined in the NOSS.	NOSS CODE	Identification code given for each NOSS Document


← COMPETENCY →
← COMPETENCY UNIT →

CORE <small>The competencies that are common / generic to the job according to the industry</small>	CU TITLE XX-XXX-X-20XX-C01	CU TITLE XX-XXX-X-20XX-C0X	The CU Title should be clear statement, precise and tell the user what the competency is about at a glance. It describe SKILL SET, HOLLISTIC & MAIN JOB FUNCTION
	CU TITLE XX-XXX-X-20XX-E01	CU TITLE XX-XXX-X-20XX-E01	
ELECTIVE <small>The competencies that is required for a specific industry /sub sector / manufacturer.</small>			CU ID definition:- XX - Code of Sector XXX - Code Of Area X - NOSS Level 20XX - Year Endorsement C / E - Core / Elective 0X - Competency Number








Competency Profile Analysis



The competency profile analysis is a **process to determine the Work Activities and Performance Criteria involved in each Competency Unit**. The scope, coverage and the delimitations of the competency will be summarized by the CU descriptor. This **analysis will be compiled into a Competency Profile**.





Competency Profile (FORMAT)



SECTOR	Insert related Industry Sector (Refer NOSS registry)		
SUB SECTOR	Insert related industry sub sector reflect to main Industry Sector (Refer NOSS registry)		
JOB AREA	The Job Area is derived from the Job Title in the Occupational Structure. It is a generic term to reflect the scope of work of a job function at a related level.		
NOSS TITLE	Title that reflect the competencies covered in a particular job area		
JOB LEVEL	The level refers to the complexity of the Job Function in the job area as defined in the NOSS.	NOSS CODE	Identification code given for each NOSS Document

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
1. Insert Core CU Title [Refer CPC]	Insert CU ID -CU1 [Refer CPC]	<p>The synopsis / abstract / summary of the Competency Unit. It is a concise description of what the competency unit covers; process; condition/ range; standards; licensing information and/or regulation; and/or manual; etc in order to carry out the competency successfully.</p> <p>The contents of CU Descriptor may describe by answering this question:-</p> <ul style="list-style-type: none"> What is the CU define / describe? Who are related / involved with competencies? Why important of CU ? How the work activity done? What the outcomes of CU? 	<p>Each activity represents a complete cycle of work to produce an outcome with its starting point and ending point which result in a product, service; or decision.</p> <p>By completing all the work activities, a person is competent to perform all skill set in this CU</p>	<p>1.1</p> <p>A statement describe how well he / she must perform the work activities with regard to process standard (step) and product standard (outcome) that meet the standard quality requirement</p>



Competency Profile Format				
<div>CP: MENYENARAikan KANDUNGAN STANDARD</div> <div>KRITERIA PENCAPAIAN PEKERJA INDUSTRI</div> <div>PECAHAN AKTIVITI UNIT KOMPETENSI</div> <div>RUMUSAN UNIT KOMPETENSI</div>				
Sub Sector	ENERGY – SOLAR PHOTOVOLTAIC			
Job Area	SOLAR INSTALLATION AND MAINTENANCE			
Level	Two (2)			
CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
1. Site surveying	SLR-XXX-01	Site surveying is to identify the orientation of the solar panel and the location of the equipment according to the regulatory requirements, technical specification and client's requirements. The personnel who are competent in site surveying shall be able to assess possible problems that may occur for the solar photovoltaic installation and maintenance activities.	1.1 Identify site survey activities requirements 1.2 Identify site safety assessment criteria 2.1 Plan site survey activities 3.1 Carry out site survey activities 3.2 Carry out safety hazard identification 3.3 Carry out site safety assessment 4.1 Evaluate site survey result 4.2 Evaluate environmental hazard 5.1 Produce site survey report	1.1 Site survey activities checklist and manuals collected 1.2 Site safety assessment criteria listed out 2.1 Site situational condition studied 3.1 Site situational report produced 3.2 Environmental safety hazard noted 3.3 Site safety procedures adopted 4.1 Site safety procedures documented 4.2 Environmental safety procedures adopted 5.1 Site situational report confirmed
4. Controller installation	SLR-XXX-02	Controller installation activities are to install the controller components of the solar photovoltaic system according to the system design, regulatory requirements and technical	1.1 Identify controller installation manuals and specifications 1.2 Identify controller system components preparation checklist 2.1 Site controller installation activities	1.1 Controller installation documents collected 1.2 Controller system components checked against specification 2.1 Tools, cables, tubes, materials

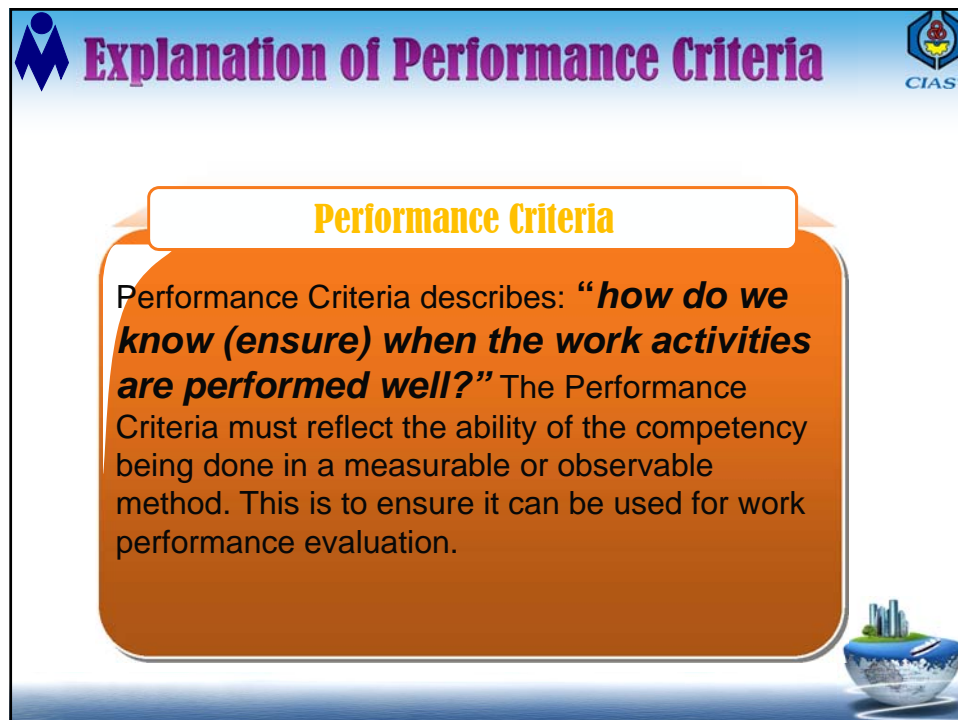
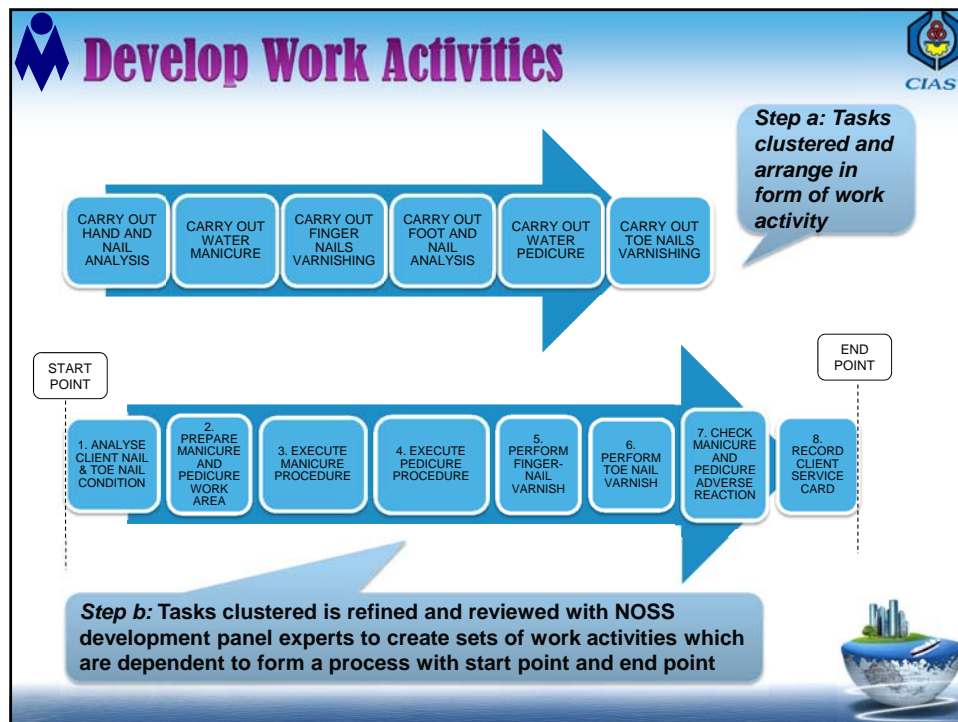
Developing Work Activities


Work Activities

should fulfil the following criteria:-


- Represents a **complete cycle of work activities** to produce an outcome with its **starting point and ending point**. The outcome maybe a **service or product or decision**.
- Each work activity is **observable and measurable** which can be determined by the performance criteria's.
- Work activities should **follow work process sequence**. In certain isolated cases, **functional activities** may be applied.
- Work activity statement consists Of **Verb, Object and Qualifier**.

Cont...








Characteristic of Performance Criteria :-




- Are explicit parts of objectives
- Should be based on specific performance targets
- Should be objective (verifiable by outside sources)
- Should indicate degrees of accomplishment
- Should be agreed to by major actors involved in the programme – managers, supervisor, field personal

Develop Performance Criteria



- The statement of performance criteria is usually **written in passive voice**
- Performance criteria are evaluative statement which **specify what to be assessed and required levels of performance** – It is the **specification of the outcome** of the **activities, skills, knowledge, attitude, safety and environmental requirements** reflecting **evidence of competence performance**
- The statement of performance criteria maybe **highlighted with the critical terms and phrases or range** to reflect the boundaries or explanation of required competent performance
- The statement should **comprise of object and criteria**. In case of the criteria is not clear enough, the **condition** must be spell out.



Example : Developing Performance Criteria

Work activities	Performance Criteria
1. Analyze prescription	1. Customer/patient history and current eyewear are thoroughly reviewed 2. The prescription is properly and accurately evaluated relative to current eyewear and customer/patient history. 3. Prescription is reviewed for completeness. 4. The prescribing doctor is contacted to verify accuracy and irregularities as appropriate. 5. The limitations defined by the prescription are properly identified.
1. Collect data	1. Patient/customer record is obtained in a timely manner. 2. Third party provider is contacted and benefits are verified where appropriate. 3. Eligible benefits are determined for vision products and services. 4. Ophthalmic measurements are properly interpreted.


Example : To highlighted with object, criteria, condition and range in the PC Statement

Performance Criteria for CU Title of Foot Reflexology


1. Assess client foot reflexology requirements	1.1 Basic Health Information is ascertain in accordance to guidelines. 1.2 Indication and contraindication of foot reflexology distinguished in accordance with code of practice 1.3 Type of foot reflexology services determined in accordance with regulatory requirements. 1.4 Good cliental communication is applied
2. Prepare foot reflexology work area	2.1 Foot reflexology work area determined in accordance with regulatory requirement in regard of emergency procedures 2.2 Workplace environment and safety, personal protective equipment for work activities appropriately selected.

Diagram illustrating the components of the PC Statement:

- object** (purple box) points to 1.3 and 1.4.
- condition** (red box) points to 2.1.
- range** (yellow box) points to 2.1.





Explanation of CU Descriptor




CU Descriptor

It describes the **synopsis of the competency unit** on the **outcomes/ objectives; process; condition/ range; standards; and/or regulation; and/or manual; pre-requisite**; etc. in order to carry out the competency successfully







Develop CU Descriptor






- ✦ Clarify the title by describing the scope, coverage and delimitation of competency.
- ✦ The intent of the competency unit outline what is to be done in the workplace functions(holistic aspect)
- ✦ The descriptor provides more information on the content of the unit and the skill areas it addresses, including ant pre-requisite skills and licensing requirements

Cont...




 Developing CU Descriptor 		
CU Descriptor Contents	CU Descriptor Template	Example
1. CU Title (Extract from CU title)	The CU title describes the competency in [CU Title].	The CU title describes the competency in Reception Activities Handling .
2. CU Definition (Define whole work process of competency unit)	He or She [CU Definition]	He or She is the first person at the front office to greet, respond and direct a visitor, client or patient.
3. Process/ work activity (Extract from unit works activities)	The person who is competent in this CU shall be able to [Process/ work activity]	The person who is competent in this CU shall be able to carry out guest arrival activities, attend guest enquiries and needs, carry out bill settlement activities, carry out product sales activities, attend reservation needs, carry out filing arrangement and perform telephonist function to meet establishment requirement.
4. Objectives/ standards/ regulation/ manual goal/ and/or and/or	The outcome of this competency is to [Objectives/ goal] in accordance with [Standards and/or regulation and/or manual]	
5. CU training pre-requisite (if any)	The personnel who are to be trained for the competency must have [CU training pre-requisite].	The outcome of this competency is to provide excellent reception services to ensure guest satisfaction guaranteed, prompt action taken in accordance with company policy rules and regulation.

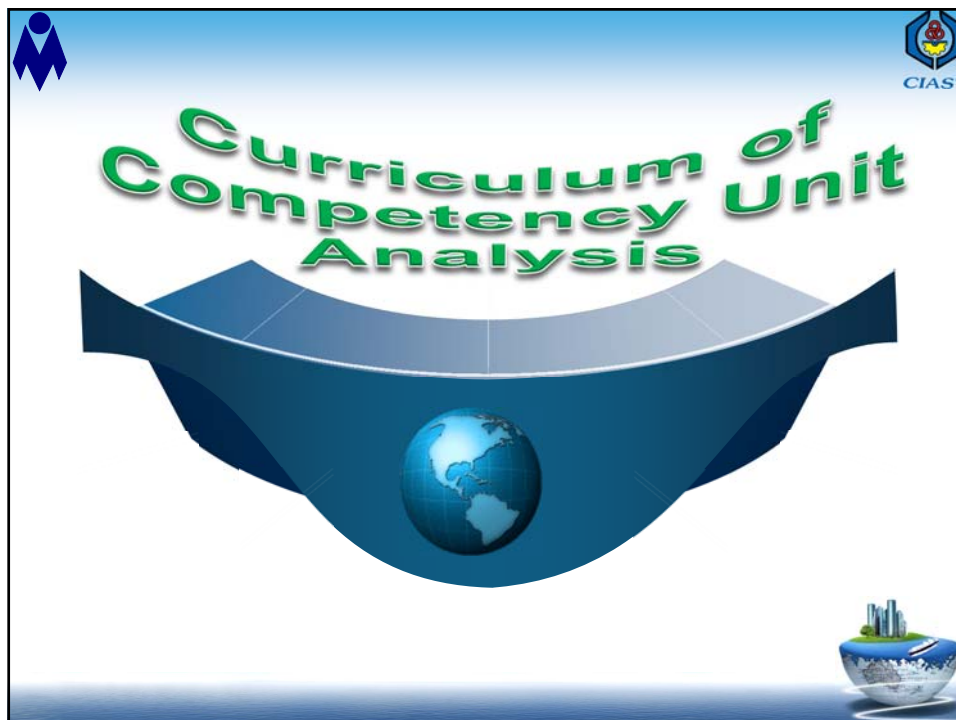
 Competency Profile (CP) 				
Sub Sector		FRONT OFFICE		
Job Area		GUEST SERVICES OPERATION		
Level		Three (3)		
CU Title		CU Code	CU Descriptor	CU Work Activities
1. Reception activities handling			<p>The CU title describes the competency in Reception Activities Handling.</p> <p>He or She is the first person at the front office to greet, respond and direct a visitor, client or patient.</p> <p>The person who is competent in this CU shall be able to carry out guest arrival activities, attend guest enquiries and needs, carry out bill settlement activities, carry out product sales activities, attend reservation needs, carry out filing arrangement and perform telephonist function to meet establishment requirement.</p> <p>The outcome of this competency is to provide excellent reception services to ensure guest satisfaction guaranteed, prompt action taken.</p>	<p>1. Identify reception activities handling requirement</p> <p>2. Prepare arrival activities</p> <p>3. Carry out guest arrival activities</p> <p>4. Attend guest enquiries and needs</p> <p>5. Carry out bill settlement activities</p> <p>6. Carry out product sales activities</p> <p>7. Attend reservation needs</p> <p>8. Carry out filing arrangement</p> <p>9. Perform telephonist function</p> <p>10. Evaluate reception activities handling effectiveness</p>
				Performance Criteria
				<p>1.1 Reception activities are handled with guest preferences and in accordance with company policies.</p> <p>2.1 Arrival activities prepared in accordance with rooming list.</p> <p>3.1 Guest arrival activities are handled, Malaysian value and culture, grooming are applied in accordance with company policies.</p> <p>4.1 Guest enquiries and needs answered in accordance with company policies.</p> <p>5.1 Bill settlement activities are managed as per payment term in accordance with company policies.</p> <p>6.1 Product sales activities explained to guest in accordance with company policies.</p> <p>7.1 Reservation needs handled in accordance with company policies.</p> <p>8.1 Filing a accordance</p> <p>9.1 Teleph accordance</p> <p>10.1 Recept effective accordance</p>



Performance VS Assessment



Performance criteria	Assessment criteria
<p>Tells someone how well he/she must perform the work activities with regard to process criteria and product criteria that meet the standard quality requirement.</p>	<p>An assessment criterion is a list of critical elements / range to be assessed in order to ensure expected competencies achieved.</p>
Example Work activity: Practice survival technique	
<p><u>Timing and sequence</u> of individual survival actions are appropriate to the prevailing circumstances and conditions of the emergency and minimize potential dangers and threats to other survivors</p>	<p>i. Survival <u>actions met within timing and sequence</u> to minimize potential dangers or threats to other survivors</p> <p>ii. Survival <u>actions conducted appropriately</u> to the prevailing circumstances and conditions of the emergency</p>
<p><u>Swims while wearing a life-jacket and floats without a life-jacket</u> in accordance with established survival practice.</p>	<p>i. <u>Swam with a life-jacket on</u> in compliance to established survival practice</p> <p>ii. <u>Floats without a life-jacket</u> in compliance to established survival practice</p>
<p>————— Performance to measure Standard quality requirement</p>	<p>————— Criteria to assess Competency to achieve</p>



Definition of Curriculum of Competency Unit (CoCU)

CoCU is part of NOSS document which **describe the curriculum details and how the competencies must be delivered and assessed**. The development of the CoCU is a further breakdown of Competency Profiles. The CoCU shall be prepared in the standard format and layout specified.

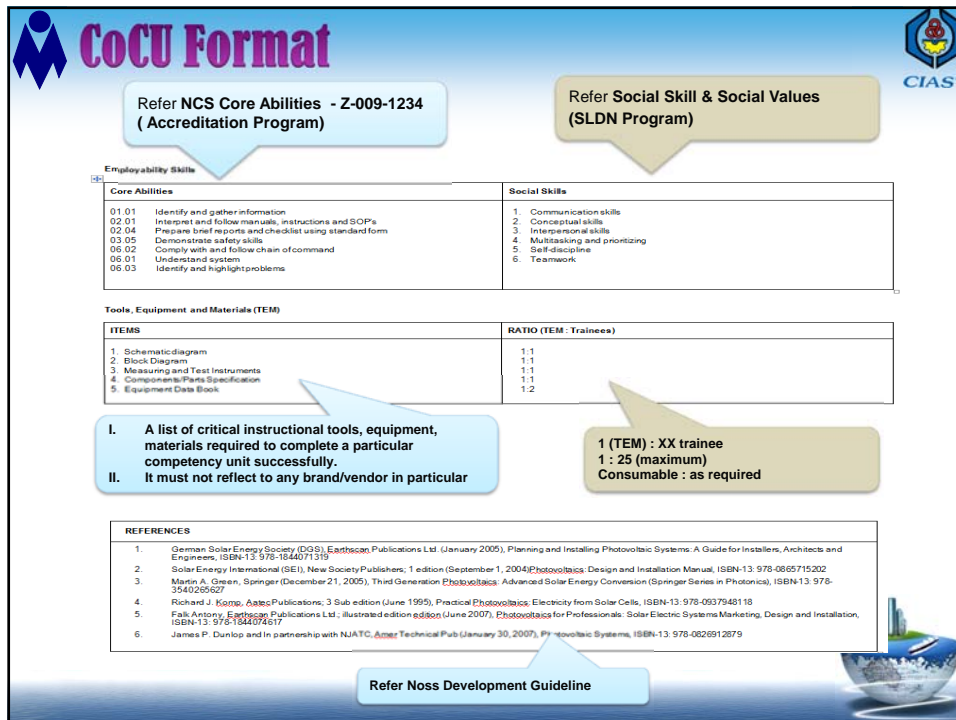
Cont...

CoCU Format *cont...*

SECTOR	Insert related Industry Sector (Refer NOSS registry)						
SUB SECTOR	Insert related industry sub sector reflect to main Industry Sector (Refer NOSS registry)						
JOB AREA	The Job Area is a generic term to reflect the scope of work of a job function at a related industry sector.						
NOSS TITLE	Title that reflect the competencies covered in particular job area						
COMPETENCY UNIT TITLE	Title of each competency unit (CU) from Competency Profile Chart (CPC)						
LEARNING OUTCOMES	Describe what the learner is expected to be able to:- Personnel Outcome Product Outcome How to do the work						
PRE-REQUISITE (if appreciable)	Training Pre-Requisite Requirement						
COMPETENCY UNIT ID	Insert CU IP	LEVEL	Insert NOSS Level	TRAINING DURATION	Total of CU training hours	SKILL CREDIT	The ratio for training hours to credit hours is 10 to 1 (10:1)

Work Activities	Related Knowledge	Related Skills	Attitude / Safety / Environmental	Training Hours	Delivery Mode	Assessment
	A related topic and information needed in order to perform the Work Activities.	The steps are required to complete the work process activities.	Attitude Safety Environmental	Related Knowledge Related Skill	The selected mode to deliver training	An assessment criterion is a list of critical elements to be assessed in order to ensure expected competencies achieved including psychomotor, cognitive, and affective domain.

Cont...



CoCU Format

Refer NCS Core Abilities - Z-009-1234 (Accreditation Program)

Refer Social Skill & Social Values (SLDN Program)

Employability Skills

Core Abilities	Social Skills
01 01 Identify and gather information	1. Communication skills
02 01 Interpret and follow manuals, instructions and SOPs	2. Conceptual skills
02 04 Prepare brief reports and checklist using standard form	3. Interpersonal skills
03 05 Demonstrate safety skills	4. Multitasking and prioritizing
06 02 Comply with and follow chain of command	5. Self-discipline
06 01 Understand system	6. Teamwork
06 03 Identify and highlight problems	

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainee)
1. Schematic diagram	1:1
2. Block Diagram	1:1
3. Measuring and Test Instruments	1:1
4. Components/Parts Specification	1:1
5. Equipment Data Book	1:2

I. A list of critical instructional tools, equipment, materials required to complete a particular competency unit successfully.

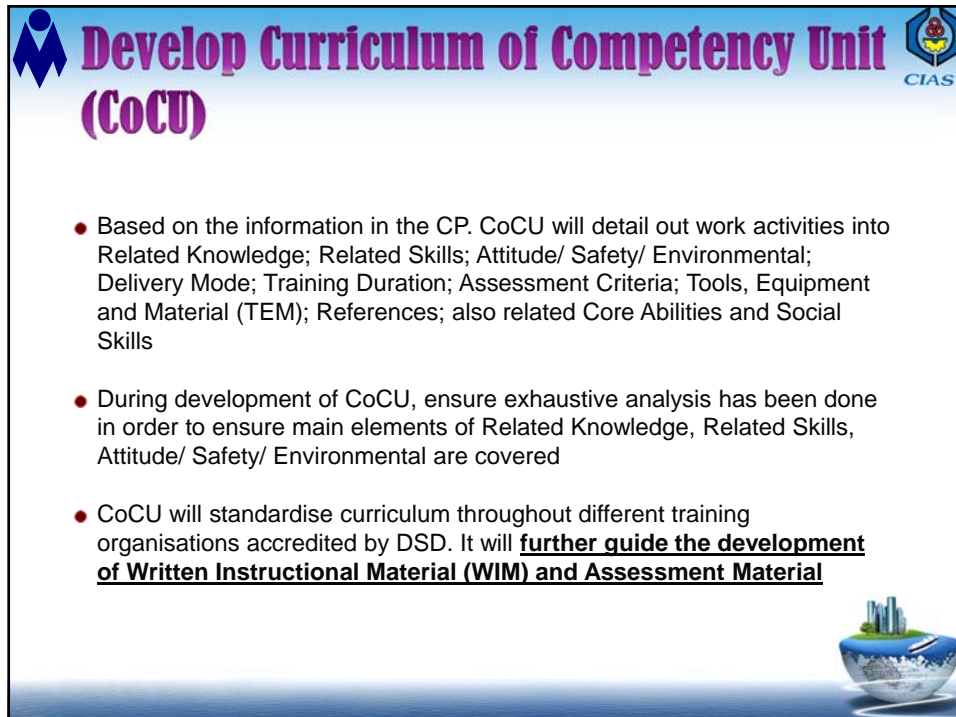
II. It must not reflect to any brand/vendor in particular

1 (TEM) : XX trainee
1 : 25 (maximum)
Consumable : as required

REFERENCES


1. German Solar Energy Society (DGS), Earthscan Publications Ltd (January 2005), Planning and Installing Photovoltaic Systems: A Guide for Installers, Architects and Engineers, ISBN-13: 978-1844071319
2. Solar Energy International (SEI), New Society Publishers, 1 edition (September 1, 2004) Photovoltaics: Design and Installation Manual, ISBN-13: 978-0865715202
3. Martin A. Green, Springer (December 21, 2005), Third Generation Photovoltaics: Advanced Solar Energy Conversion (Springer Series in Photonics), ISBN-13: 978-3540295627
4. Richard J. Kopp, Artec Publications, 3 Sub edition (June 1995), Practical Photovoltaics: Electricity from Solar Cells, ISBN-13: 978-0937948118
5. Falk Antony, Earthscan Publications Ltd., illustrated edition edition (June 2007), Photovoltaics for Professionals: Solar Electric Systems Marketing, Design and Installation, ISBN-13: 978-1844074517
6. James P. Dunlop and in partnership with NJATC, Artec Technical Pub (January 30, 2007), Photovoltaic Systems, ISBN-13: 978-0826912879

Refer Noss Development Guideline



Develop Curriculum of Competency Unit (CoCU)

- Based on the information in the CP, CoCU will detail out work activities into Related Knowledge; Related Skills; Attitude/ Safety/ Environmental; Delivery Mode; Training Duration; Assessment Criteria; Tools, Equipment and Material (TEM); References; also related Core Abilities and Social Skills
- During development of CoCU, ensure exhaustive analysis has been done in order to ensure main elements of Related Knowledge, Related Skills, Attitude/ Safety/ Environmental are covered
- CoCU will standardise curriculum throughout different training organisations accredited by DSD. It will **further guide the development of Written Instructional Material (WIM) and Assessment Material**


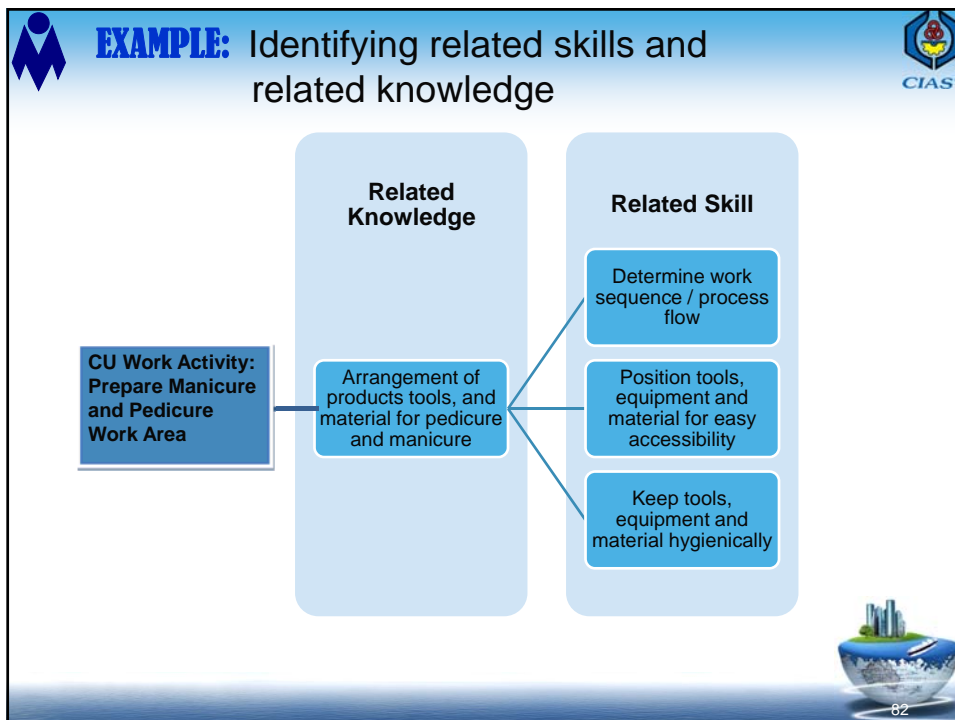


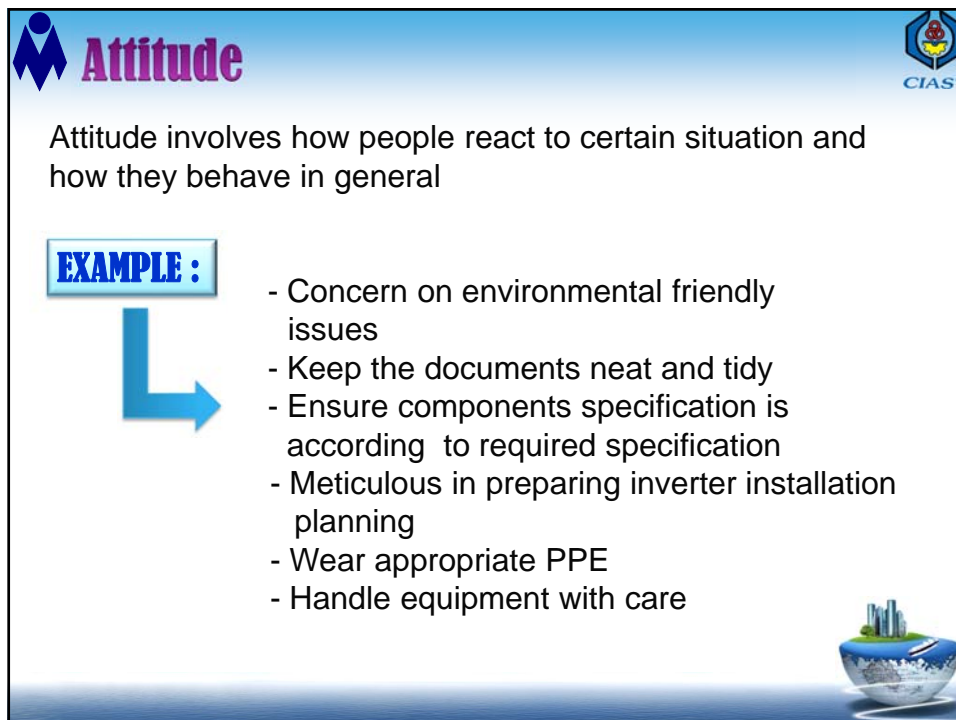
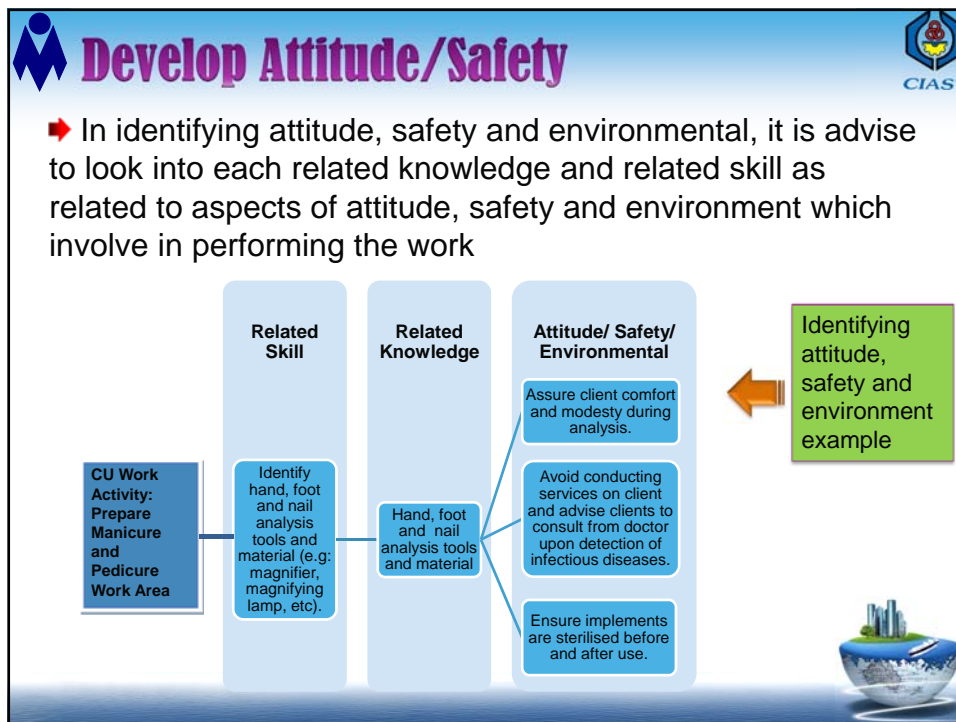
Related Skills


Related Skills refer to the abilities of workers which are required to complete the Work activities **(what skills (competency) do you need to perform the Work Activities?)**

Related Knowledge


Related Knowledge refer to the information that is needed to perform the Work Activities ***(what skill do you need to know in order to perform the Work activities?)***. Each related Knowledge; there may be more than one related skill.






Safety





Safety includes behaviour and safety precautions to be complied with when performing the CU


EXAMPLE :




- Prevent from electrical shock during testing
- Avoid wrong selection of tools and equipment to carry out mounting and cabling activities
- Handle hazardous materials with caution




Learning Outcome




- ✚ Describes; *what students are able to demonstrate in term of knowledge, skills and values upon completion of a course, a span of several courses, or a program.*
- ✚ Clear articulation of learning outcomes serve as the foundation to evaluate the effectiveness of the teaching and learning process.





Develop Learning Outcome




The person who is competent in this CU shall be able to provide excellent reception services to ensure guest satisfaction guaranteed, prompt action taken. **Upon completion of this competency unit, trainees will be able to:-**


- Identify reception activities handling requirement
- Prepare arrival activities
- Carry out guest arrival activities
- Attend guest enquiries and needs
- Carry out bill settlement activities
- Attend reservation needs
- Carry out filing arrangement
- Perform telephonist function
- Evaluate reception activities handling effectiveness
- Produce reception activities report

Statement Outcome of CU Descriptor


Consistent wording of LO

Summary of CU work activities







Training Hours For NOSS




- Time taken to perform activities and complete learning outcome by guided training
- Clustered all assessment criteria to determine the required training hours and delivery mode of the unit of competency
- Its ratio should be a breakdown of 30~50 (T) : 70~50 (P). As a guide, the total training hours for NOSS (refer SKKM Guideline)

References: Noss Development Guideline 2nd. Edition, 2013







Training Hours for NOSS




LEVEL	TOTAL TRAINING PROGRAM HOURS
Level 1	400 - 600
Level 2	400 - 600
Level 3	800 - 1200
Level 4	800 - 1200 (not including OJT)
Level 5	1200 - 1800 (not including OJT)
For NOSS which starts at Level 2	800 - 1200
For NOSS which Starts at Level 3	1600 - 2400
For NOSS which starts at Level 4	2400 - 3600 (not including OJT)
For NOSS which starts at Level 5	3600 - 5400 (not including OJT)

References: Noss Development Guideline 2nd Edition, 2013

Training Duration



- Minimum training period to achieve learning outcome
- Sum of training hours in 1 CU


NOTIONAL HOURS


Definition: Notional hours are the total hours taken by a average individual performance in order to achieve a complete learning outcomes;

Total hours include guided activities or face to face (contact hours), personal learning and assessment activities


1 Credit = 10 Notional Hours

References: Sistem Kredit dan Kemahiran Malaysia







Panduan Kelayakan dan Kredit




Skills credit can only be given after the learning outcomes achieved. One skill credit can bring one qualifications. Here is the cumulative amount of the credit for the level.

- Sijil tahap 1 : Minimum 40 kredit
- Sijil tahap 2 : Minimum 80 kredit (min tahap 1 & 2)
- Sijil tahap 3 : Minimum 160 kredit (min tahap 1,2 & 3)
- Sijil tahap 4 : Minimum 240 kredit (min tahap 1,2,3 & 4)
- Sijil tahap 5 : Minimum 360 kredit (min tahap 1,2,3,4 & 5)


References: Sistem Kredit dan Kemahiran Malaysia





Assessment Criteria




- ✦ **All the related knowledge, applied skills, attitude, safety and environmental requirements of the expectation should be assessed;**
- ✦ List of critical elements/range to be assessed to achieve work activities
- ✦ Measure the outcome of the learning process into three (3) learning domains defined by Bloom's Taxonomy ; The assessment criterion facilitates, the curriculum delivery strategies and assessment procedures
- ✦ The statement should comprise of **object outcome and criteria.** In case of the criteria is not clear enough, the **condition** must be spell out.
- ✦ Object + Qualifier + Past tense verb (an action,an event, or condition)
- ✦ Can use preposition – is, are, of








Delivery Mode




The selected mode to deliver training;


-  Related knowledge such as :-
Lecture, discussion, shop talk, question & answer, seminar and case study
-  Related skills such as :-
Demonstration, observation, simulation, role play and project

Lists detail of training delivery modes; refer to
NOSS DEVELOPMENT GUIDELINE (NDG) - Index 1










Knowledge Delivery Mode



1	Lecture	In-person lecture to a large group of learners (>10pax) on a particular topic with limited interaction and practice
2	Group discussion	Instructor introduces a topic for discussion to a small group of learners. Learner participates by exchanging views on the topic and report individually or as a group to instructor.
3	E-learning, self-paced	Training delivered electronically (e.g., computer-based via the Internet or with CD-ROMs) in which learner sets own learning pace.
4	E-learning, facilitated	Instruction delivered electronically with an instructor or facilitator who sets the pace and/or offers interaction (e.g., webcasts or scheduled Internet instruction).
5	Case study or Problem based learning (PBL)	A specific problem is specified by the course instructor. Students work individually or in teams independent of instructor by over a period of time to develop solutions to the problem in form of a report.
6	Self-paced learning, non-electronic	Learner follows a course of study, setting own learning pace (e.g., with printed materials such as books or manuals, not via the Internet).
7	One-on-one tutorial	Instructor provides individual lecture in form of instruction to one learner on a particular topic with personal guidance.
8	Shop talk	The instructor delivers conversation to a small group of learners (4-10 pax) about matters on a particular topic with limited interaction and practice.
9	Seminar	In-person lecture to a large group of learners (>10pax) on a particular topic with limited interaction but without practice.



 Skills Delivery Mode 		
1	Demonstration	In-person demonstration on a particular topic with limited interaction and practice
2	Simulation	Training is conducted using a virtual or imitation of a real-life process, usually via a computer or other technological device, in order to provide a lifelike experience, with or without guidance of the instructor.
3	Project	Learners are given project assignments to practice. They have a great deal of control of the project they will work on and what they will do in the project. The project may or may not address a specific problem.
4	Scenario based training (SBT)	The instructor creates a real life environment with specific scenario for the learners to train to achieve specific training objectives. Uses a highly structured script of real world experiences. Different scenarios of risk and contingency are introduced to rationalize decisions and actions.
5	On job training (OJT)	Employee training at the place of work while he or she is doing the actual job. Usually a professional trainer (or sometimes an experienced employee) serves as the course instructor using hands-on training often supported by formal classroom training.
6	Role play	Role-playing may also refer to role training where people rehearse situations in preparation for a future performance and to improve their abilities within a role.
7	Coaching	Coaching is helping to identify the skills and capabilities that are within the learner, and enabling them to use them to the best of their ability.
8	Observation	The instructor shows to the audience on a particular activity. The learner is constricted to limited interaction to instructor.
9	Mentoring	Mentoring is showing people how the people who are really good at doing something do it.


Core Abilities



- Common abilities that trainees must possess to be prepared for the working environment
- Obtain core abilities profile from NCS Core Abilities
- State the required core abilities to perform each CoCU and remain the existing code numbers.

EXAMPLE :

- 01.01 Identify and gather information
- 02.01 Interpret and follow manuals, instructions and SOP's
- 03.05 Demonstrate safety skills

- Level 1 ~ Level 4 only

Lists detail of Core Ability; refer to
NOSS DEVELOPMENT GUIDELINE (NDG) - Index 2






Social Skills




- Any skills facilitating interaction and communication with others
- Obtain social skills profile from DSD and determine the required social rules and relations are created, communicated, and changed in verbal and nonverbal ways

EXAMPLE :

Communication skills
Interpersonal skills
Teamwork


Tools, Equipment and Materials (TEM)




- List of major and compulsory tools, equipments and materials required to complete a particular CU successfully
- NOT reflect to any brand/vendor in particular
- State the required ratio (Items : Trainees)


EXAMPLE :

Computer	1:1
Printer	1:20







References




- ✗ Determined during CoCU development
- ✗ Identified and selected based on credibility of the source to be used later in training.

No	Reference criteria	Guide
1	Prominent reference for related industry	1. Renown source of reference among industry practitioners or trainers (ex: published manufacturer's operating standard) 2. Established references recognized by industry regulators or statutory bodies (ex: publish acts) 3. Commendable source of reference mandated to industry from reputable international industry organisation (ex: ASME IX, BS)
2	Must be available in market	1. Available internationally or within Malaysia market 2. Available in printed hardcopy or softcopy 3. Accessible be obtain or purchased
3	Latest version	1. The newest version of the reference in market.

Cont...


References List




List of references are such as:-


- i) Books;
- ii) Manuals;
- iii) Journal;
- iv) Standard Operating Procedures
- v) Web site
- vi) Audio Visual Materials
- vii) Acts, and Statutory Regulations

Cont...





References Writing Format





Writing hardcopy references:
 Use American Psychological Association (APA)
 Format:


Author's last name, **first initial**, (**Publication date** /**year**), *Book title*, Edition Number (Publish Number). City of Publication and Publishing Company

EXAMPLE :

Martin A. Green, Springer (December 21, 2005), Third Generation. *Photovoltaics: Advanced Solar Energy Convention (Springer Series in Photonics)* 3 (3), ISBN: 13-978-3540265627 *Cont...*

References Writing Format




Writing electronic references:
 APA Format:

Author's last name, first initial. Publication date. Topic headline. *Book title* Edition Number (Publish Number): Range of reference page. Website address without underline. [Date accessed: Time accessed].


● Internet:

EXAMPLE :

Clark, J.K. 1999. Humidity sensor. *Journal of Physics* 2(2): 9-13
<http://www.cit.edu/phys/sensor.html> [20 Julai 1999: 20.06pm]. *Cont...*




References Writing Format

 **Journal:**


EXAMPLE :

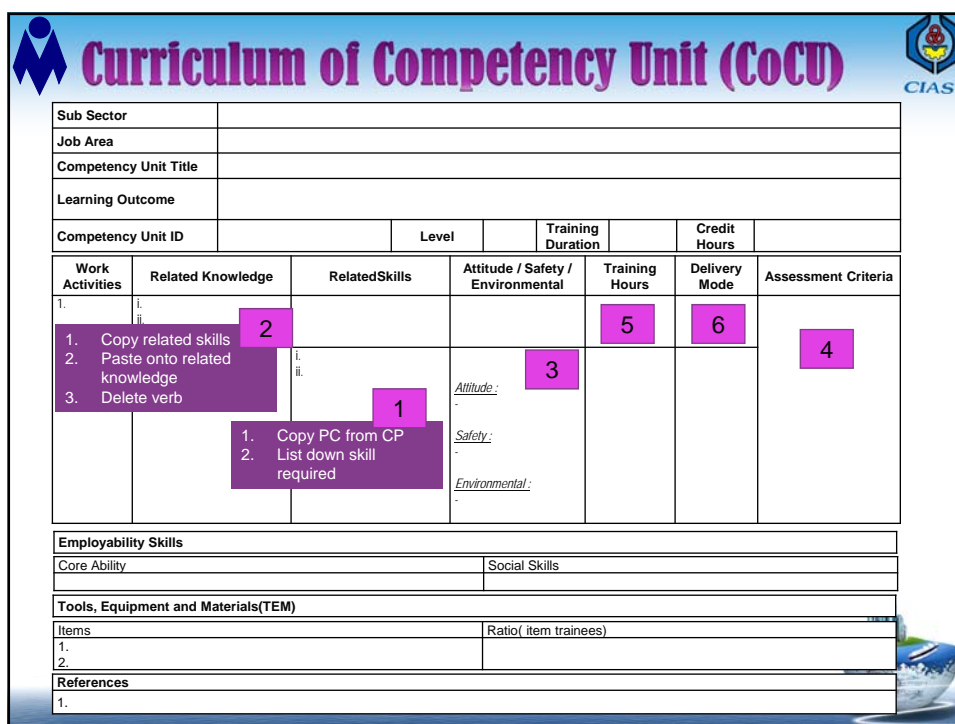
Kawasaki, J.L. 1996. Computer administered surveys in extension. *Journal of Extension* 33(3): 204-210.
<http://www.apa.org/journals/webref.html> [18 November 1999: 09.11am].



Curriculum of Competency Unit (CoCU)

Sub Sector		Extract from CPC 1					
Job Area							
Competency Unit Title		Extract from CP 2					
Learning Outcome							
Competency Unit ID		Level	Training Duration	Credit Hours			
Work Activities	Related Knowledge	Related Skills	Attitude / Safety / Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1.	i. ii.	i. ii.	<u>Attitude :</u> - <u>Safety :</u> - <u>Environmental :</u> -				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Employability Skills 3 Core Ability Tools, Equipment and Materials Items 1. 2. References 1. </div> <div style="width: 45%;"> Social Skills Extract from Social skills 4 Ratio(item trainees) </div> </div>							





Curriculum of Competency Unit (CoCU)

Sub Sector: _____

Job Area: _____

Competency Unit Title: _____

Learning Outcome: _____

Competency Unit ID: _____ Level: _____ Training Duration: _____ Credit Hours: _____

Work Activities	Related Knowledge	Related Skills	Attitude / Safety / Environmental	Training Hours	Delivery Mode	Assessment Criteria
1. _____ 2. _____ 3. _____	1. _____ 2. _____	1. _____ 2. _____	Attitude : - _____ Safety : - _____ Environmental : - _____	5	6	4

Employability Skills

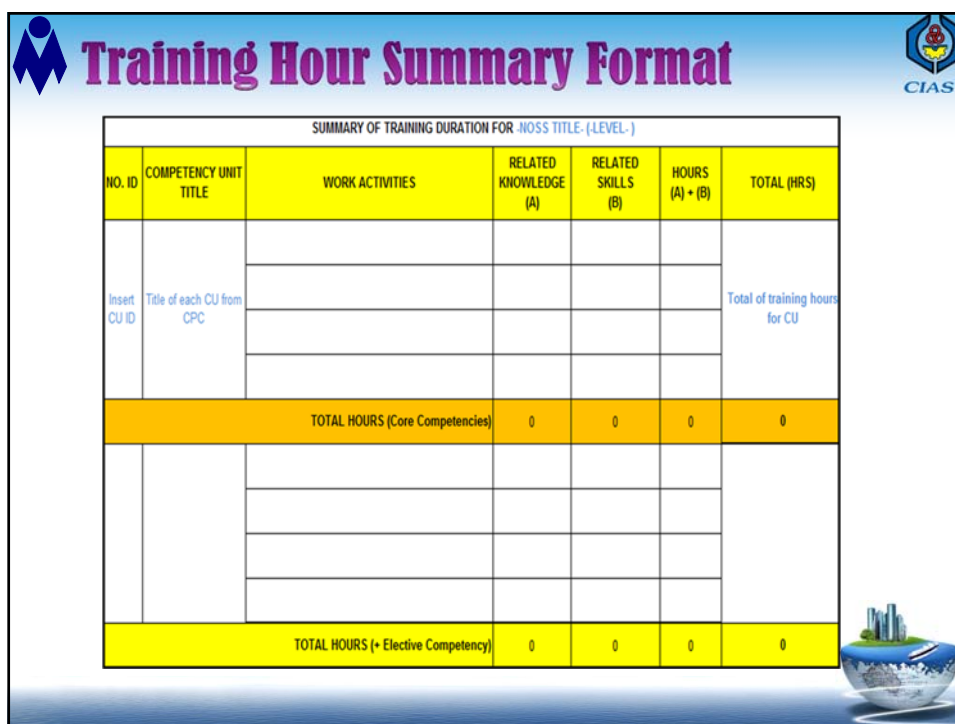
Core Ability: _____ Social Skills: _____

Tools, Equipment and Materials (TEM)

Items: _____ Ratio (item trainees): _____

References

1. _____



Training Hour Summary Format


SUMMARY OF TRAINING DURATION FOR :NOSS TITLE: (LEVEL:)

NO. ID	COMPETENCY UNIT TITLE	WORK ACTIVITIES	RELATED KNOWLEDGE (A)	RELATED SKILLS (B)	HOURS (A) + (B)	TOTAL (HRS)
Insert CU ID	Title of each CU from CPC					Total of training hours for CU
		TOTAL HOURS (Core Competencies)	0	0	0	0
		TOTAL HOURS (+ Elective Competency)	0	0	0	0




A presentation slide titled "Standard Practice" in purple 3D text. The background is a light blue gradient. In the top left corner is a blue logo of a stylized person. In the top right corner is the CIAT logo. The slide contains three bullet points, each marked with a red dot. In the bottom right corner, there is a small globe with a city skyline on top of it.

- The Standard Practice Introduction should include LITERATURE REVIEW and JUSTIFICATION OF THE NOSS
- Others elements of the Standard Practice can be abstract from the Occupational Structure, Occupational Area Analysis, Job Analysis, Competency Profile Analysis
- It is to be reviewed and refined during validation of contents





Standard Practice Development




The Standard Practice (SP) is an essential part before the standard can be run through the first phase of proofreading and validation. This is because NOSS consist of SP, CPC and CP to form the complete occupational Standard. The [main](#) content list of SP content are as follows:

No.	Sub titles	Contents
1	Introduction	1.1 Occupation overview - Regulatory body requirements (if any) - Occupational outlook - Job requirement (if any) - Other relevant information
2	Occupational Structure	2.1 Occupational Structure 2.2 Occupational Area Structure 2.3 NOSS Occupational Area Structure and level justification
3	Definition of competency level	3.1 Competency level as defined by DSD (refer DSD to update as necessary) (Please refer NDG 1st Edition, 2012: Index 3 for format and definition)
4	Award of Certificate	4.1 Certification requirements award
5	Occupational Competencies	5.1 List of core competencies 5.2 List of elective competencies
6	Work Conditions	1. Working environment 2. Issues related to area of work (such as safety, environment)

References: Noss Development Guideline 2nd Edition, 2013. Please refer for main list of SP





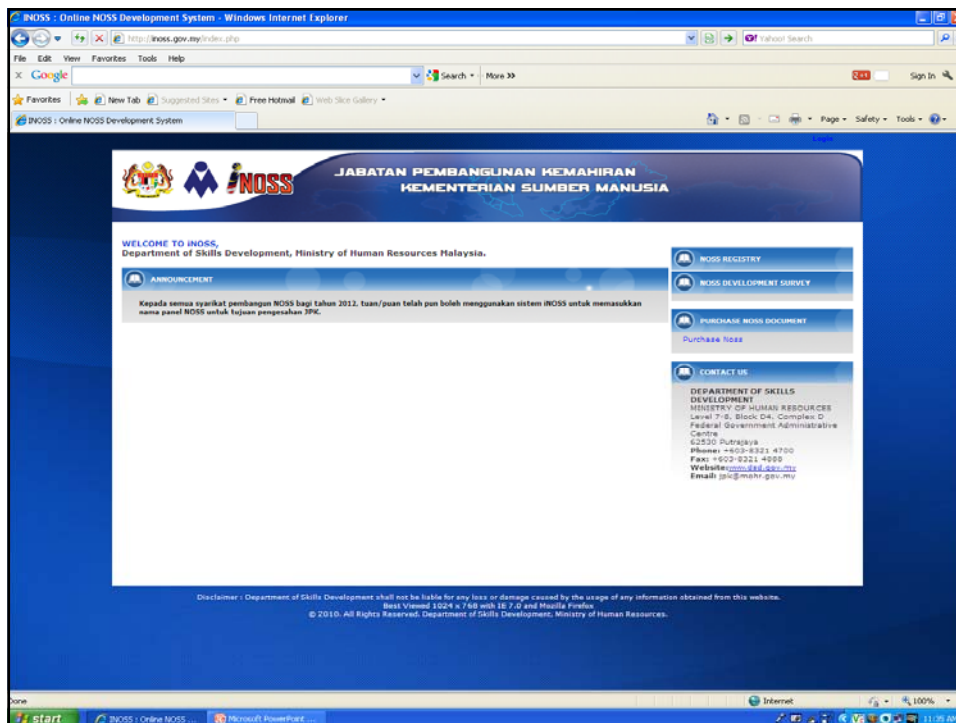
Standard Practice Development



No.	Sub titles	Contents
7	Employment prospects	Malaysian market 7.1 Growth of sector/ sub sector/ area/ sub area in Malaysia 7.2 Employment opportunities in Malaysia 7.3 List of industry sector employers 7.4 Codes, standards and practices in area/ sub area in Malaysia International market (optional) 7.5 Growth of sector/ sub sector/ area/ sub area internationally 7.6 Employment opportunities internationally 7.7 Codes, standards and practices in area/ sub area internationally
8	Career Advancement	8.1 Industrial recognition/ professional qualification 8.2 Other prominent qualification recognised (in Malaysia or international) 8.3 Types of occupation for career advancement 8.4 Related industries
9	Sources of Additional Information	9.1 Local organisation (excluding DSD) 9.2 International organisation
10	Acknowledgement	10.1 List of organisation acknowledge 10.2 List of individual acknowledge
11	NOSS Development Committee Members	11.1 List of NOSS development panel expert, program manager, facilitator and secretariat

References: Noss Development Guideline 2nd Edition, 2013. Please refer for main list of SP





INOSS : Online NOSS Development System - Mozilla Firefox

File Edit View History Bookmarks Tools Help

INOSS : Online NOSS Development System

inooss.gov.my/index.php/noss_panel/search/57/

Search the web (Babylon)

User Details

**JABATAN PEMBANGUNAN KEMAHIRAN
KEMENTERIAN SUMBER MANUSIA**

Main Project Info Panel Standard Practice Competency Profile Chart Competency Profile Curriculum of Competency Unit NOSS Document Data Sync

BUNKER SUPERVISOR (LEVEL 3)

NOSS PANEL MANAGEMENT

Name / NRIC: Search

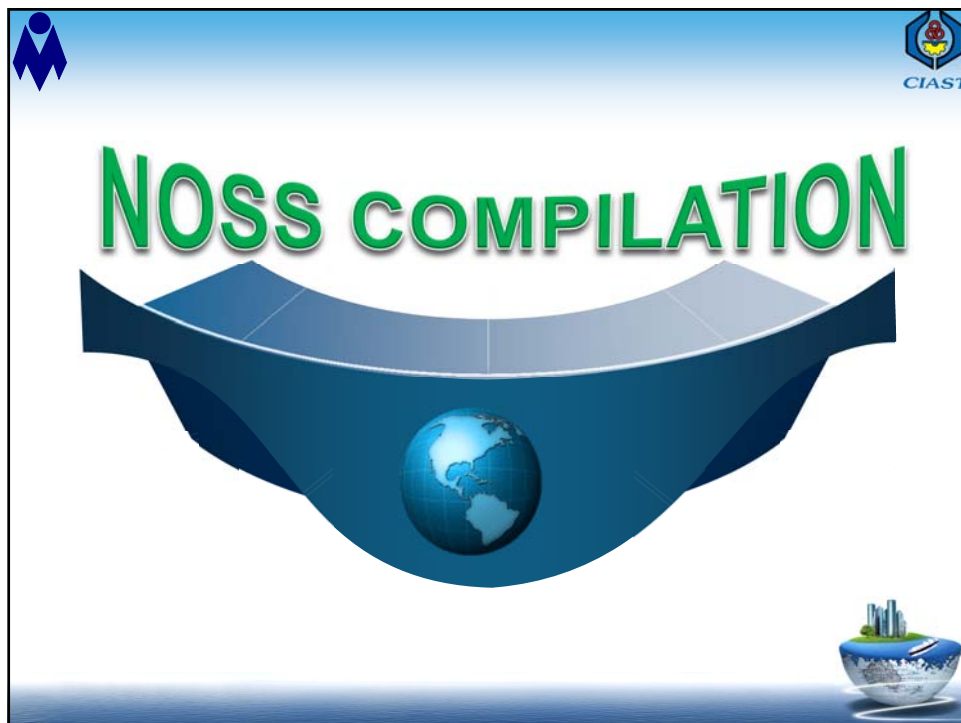
[Reset](#) [Add Noss Panel](#)


NAME	NRIC	COMPANY NAME	DESIGNATION	ACTION
SALMAN BIN SALTIN	720419055023	AKADEMI PELANCONGAN MELAKA	PENGURUS	
SYED NASIR BIN SYED ABU BAKAR	670901065091	BISTARI GEMILANG SHIPPING SDN BHD	PENGURUS	
JAMUAI BIN MAT SARIE	610407045429	JABATAN LAUT MALAYSIA	PEMBANTU LAUT	
DESMOND LIAU SIN LONG	540902015023	SENDIRI	TOUR CONSULTANT	
SAJAHAN BIN MOHAMED	570201045489	SEAFARER EXPLORER SDN BHD	PENVELARAS SUKAN AIR	
SULAIMAN BIN DAUD	550710055023	MELAKA RIVER CRUISE, PERBADANAN PEMBANGUNAN SUNGAI & PANTAI, MELAKA	PENGURUS	
SYED RIZALMAN BIN SYED ABU BAKAR	750627065397	BLUEWATER EXPRESS	PENGURUS	
HASRAN BIN MASLAN	681117045349	REDTMA RECREATION SPORT CENTRE	PEGAUAI LATIHAN & PENTADBIRAN	
JEFFRI BIN MUNIR	660915015651	LEMBAGA PENGALAKAN PELANCONGAN MALAYSIA	PENGARAH	

start


Microsoft... Calculator INOSS :... Making ... surat fs... E:\Fem... EDIT P... 12:26 PM











STAGE 3 : NOSS COMPILATION




- ❖ Ensure formatting of the NOSS documents compilation procedure followed
- ❖ Check service agreement or contract of NOSS development to ensure terms and condition adhered
- ❖ Use proper resources and appropriately compiled all documents
- ❖ Apply facilitation skills




NOSS VALIDATION








STAGE 3 : NOSS VALIDATION




- ❖ Ensure contents of NOSS document proofread and get consent of the Committee Members
- ❖ Ensure all element, amendment and contents recorded
- ❖ Apply facilitation skills





STAGE 3 : NOSS VALIDATION AND PROOF READ




- ✓ *Proofreading process*
 - *check use of verbs*
 - *check spelling*
 - *check duplication of verbs*
 - *check consistency of terminology*
 - *check proper nouns (ex: Standard Operating Procedure)*
 - *any terminology not understood or commonly used*
 - *tasks statements that are too global in nature or too specific*
 - *tasks statements which do not start with measurable, transitive verbs*
 - *new tasks that were missed in the original session*
 - *consistency of font type, style and size according to format*









STAGE 3 : NOSS EXTERNAL VALIDATION





- ❖ Circular the proofread copy to industry to get acknowledgement
- ❖ Compile all necessary acknowledgement or comments from the industry
- ❖ Use proper dissemination medium to get external validation and acknowledgement
- ❖ Apply facilitation skills




NOSS PRESENTATION





STAGE 3 : NOSS PRESENTATION PREPARATION

- ❖ Ensure service agreement or engagement of Panel members for presentation provided
- ❖ Prepare all relevant presentation resources
- ❖ Apply facilitation skills
- ❖ Use the required presentation kit
- ❖ Endorsement procedures followed



STAGE 4

NOSS Approval → Practitioners → MPKK → Documentation





STAGE 4 : NOSS APPROVAL

Standard and Curriculum Technical Evaluation Committee (TEC)

The committee is represented by related industrial experts throughout the country. On the other preference, validation can be extended by circulating the aforesaid NOSS to related industry nationwide for feedback

Projector Screen

Legend

DSD officer	Facilitator
Chairman (from DSD)	Minute taker
NOSS development panel expert	Company representative (if any)
JPPK or appointed industry experts	Projector

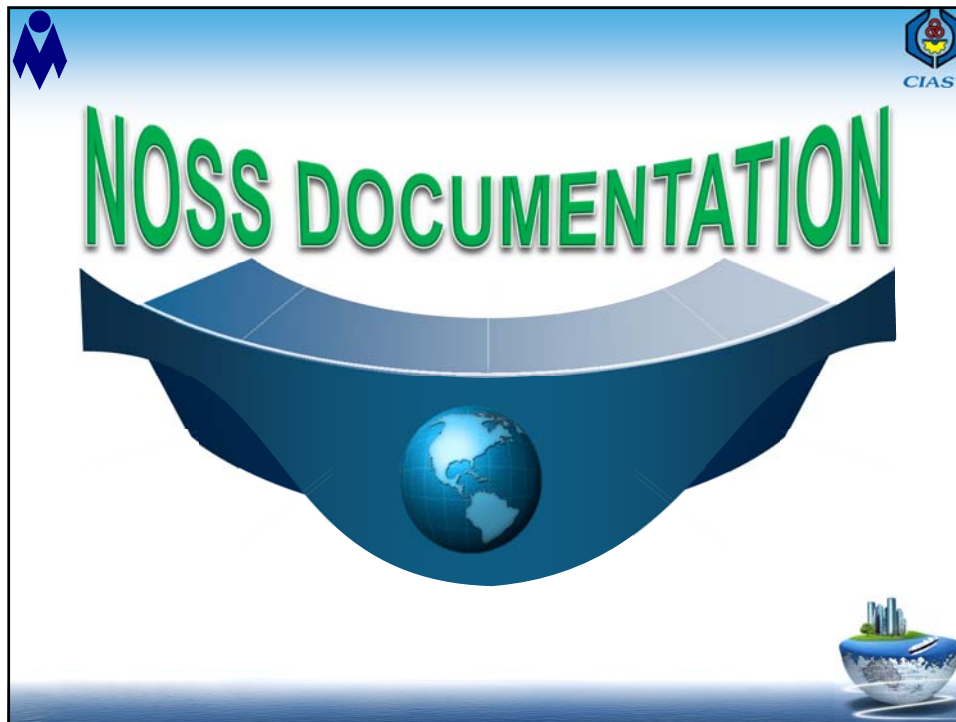
TEC Validation Session arrangement



STAGE 4 : MPKK APPROVAL

The verified and validated drafted National Occupational Skills Standard (NOSS) must be presented to the *Majlis Pembangunan Kemahiran Kebangsaan (MPKK)* for approval. The approved document then will become a NOSS for the respective occupational area.

A small globe with a city skyline on top, located in the bottom right corner of the slide.



STANDARD NOSS DOCUMENTATION

Standard on NOSS writing (HARDCOVER)
 Font : Arial (Capital letter)
 Size : 12
 Colour : Silver

Standard on NOSS writing (CONTENT)
 Font : Arial
 Size : 11

COVER PAGE DRAFT NOSS

COVER PAGE FOR MPKK

COVER PAGE FOR FINAL DOCUMENT

