# COMPETENCY BASED FRAMEWORK FOR INDUSTRIES OFFICERS

ROYAL CIVIL SERVICE COMMISSION For DoI and DCSI, MoEA

# **Table of Contents**

| 1. | Foreward  | 1  |
|----|---|----|
| 2. | About the Agency  |    |
|    | 2.1. Vision and Mission   | 2  |
|    | 2.2. Core Functions of Industries Officers                        | 2  |
| 3. | Competency Based Framework (Industries Officers)                  |    |
|    | 3.1. Introduction   | 2  |
|    | 3.2. Purpose  | 2  |
|    | 3.3. Aim  | 2  |
|    | 3.4. Objectives   | 2  |
| 4. | Framework Structure   |    |
|    | 4.1. Key Roles  | 3  |
|    | 4.2. Role Profiling   | 3  |
|    | 4.3. Competency Areas, Key Competencies and Behavioral Indicators |    |
|    | 4.4. Classification of Proficiency Levels                         | 4  |
|    | 4.5. Training Need Analysis                                       | 9  |
|    | 4.6. Recommended Interventions.                                   | 15 |
| 5. | Implementation of CBF   | 16 |
|    | Acknowledgements  |    |

#### 1. About the Agency

The Ministry of Trade & Industry, which was subsequently renamed as the Ministry of Economic Affairs was established in 1967. Initially, known as the Ministry of Trade, Commerce and Industry, it was established as a full-fledged Ministry in 1968, and renamed as the Ministry of Trade, Industry and Forests. Presently beside the inclusion of the Power & Mining Sector it has been officially designated as the Ministry of Economic Affairs from October 17th 2007.

#### 1.1. Vision and Mission

**Vision:** Guided by the philosophy of GNH, to attain industrialization in harmony with national goals and to increase the sector's contribution to the national economy.

**Mission:** Create an enabling environment to facilitate and support sustainable growth and development of Industries in the country for equitable income distribution, employment generation and balanced regional development

#### 1.2. Core Functions of Industries officers

- a) Initiate and articulate policy ideas for growth and development of Industries in the country;
- b) Formulate Industry development policy to encourage their growth and advise the government on fiscal and monetary issues;
- c) Work in concert with other institutions in both the public and private sector to create a good enabling environment for business;
- d) Stimulate the development of the Industries through creation of an enabling environment, provision of business development services, facilitation of development programmes and support services;
- e) Identify business opportunities on the basis of supply and demand gap, environmental scanning and linkages;
- f) Conduct sector studies and analysis for sector development strategies;
- g) Improve access to financing through the financial institutions as well as guarantee mechanisms;
- h) Promote and facilitate access to industrial infrastructure such as layouts, incubators, clusters and industrial parks; and
- *i)* Facilitate transfer of technology and best practice in management and operations.

# 2. Competency Based Framework (Industries Officers)

#### 2.1. Introduction:

The Royal Civil Service Commission (RCSC) has launched the Competency Based Framework (CBF) in August 2018 with the support of Tamesek Foundation International and Singapore Polytechnic International. Since then, the RCSC has completed developing CBF for 38 positions to strengthen professionalization in the Civil Service. The development of CBF for Industries Officers has begun from May 2021 by 3 Industries Officers with the Technical support of Master Trainers identified by the RCSC and domain expertise of Industries Officers from DCSI and DoI, MoEA. The framework has been thoroughly validated with Industries Officers and endorsed by the Departments (DCSI and DoI) and HR Committee of the MoEA.

#### 2.2. Purpose:

The CBF highlights the knowledge, skills and abilities required for Industries Officers to achieve a high level of professional competence and deliver the highest standard services. The framework is developed with the following aim and objectives.

#### 2.3. Aims:

Build a fraternity of Industries Officers who are highly knowledgeable, skillful and competent in delivering efficient and effective services of the highest standard.

#### 2.4. Objectives:

- a) Guide MoEA in General and DoI and DCSI in particular towards identifying the skills needed by employees;
- b) Assist in the continuous development and professionalization of Industries Officers to deliver responsibilities effectively and enhance efficiency;
- c) Define clear expectations in the work environment and create an organizational culture of reliable and high-quality performance delivery;
- d) Guide the succession planning in HR, talent management, and training needs in line with the organization's goals and mandates; and
- e) Foster staff mobility, organizational change, and shaping of the organizational culture based on competency.

#### 3. Framework Structure

The development of the framework involved identifying Role Profiles, Competency Areas, Key Competencies, Behavioral Indicators and Descriptors at 4 Proficiency Levels through a rigorous, consultative and inclusive process with key stakeholders. The Framework has been approved by the Ministry during its ......... HRC Meeting held on ............

#### 3.1. Key Roles

The key role is an organized set of behaviors that are crucial to achieve the current and future goals of the DoI and DCSI. Following are the key roles expected to be performed by the Industries Officers:

- 1. Business Strategist
- 2. Business Facilitator
- 3. Business Regulator

#### 3.2. Role Profiling

The role profile is the description of roles that Industries Officers are expected to demonstrate in achieving the outcomes of the Departments. It defines outcomes and competencies for an individual role. It concentrates on outcomes rather than duties, which provides better guidance than a job description on expectations. It does not constrain Industries Officers to carry out a prescribed set of tasks.

| Role Profiling  |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Business Facilitator  | Business Regulator  |  |  |  |  |  |
| 1. Provide timely and reliable information for informed decision making. 2. Enhance and facilitate Business Development Services to increase the efficiency of the industries. 3. Provide digital platforms for efficient service delivery. | 1. Maintain robust monitoring to ensure compliance to existing rules and regulations.  2. Resolve disagreements, confrontations and complaints to gain acceptance to plans.  3. Ensure support services to create preventive responses. |  |  |  |  |  |
|   | Provide timely and reliable information for informed decision making.     Enhance and facilitate Business Development Services to increase the efficiency of the industries.     Provide digital platforms for efficient                |  |  |  |  |  |

#### 3.3. Competency Areas, Key Competencies and Behavioral Indicators

A competency area is the clustering of competencies by related behaviors and functional areas while a key competency comprises a set of Knowledge, Skills and Abilities (KSA) that result in essential behaviors expected from the Industrial Officers. Key competencies are an observable behavior that indicates the presence of the particular competency. The Behavioral Indicators is the description of competencies based on various proficiency levels. It outlines a collection of desired and observable motives, traits and behaviors when executing or carrying out the assigned task. It serves as a tool to guide evaluations of employee performance.

The framework has identified 8 Competency Areas, 19 Key Competencies and 20 Behavioral Indicators.

| Key Roles              | Key Roles Competency Areas Key Competencies |                    | Behavioural Indicators  |
|------------------------|---|--------------------|---|
|                        |   | 1. Research Skills | Possesses sound research skills for informed decision making.                               |
| Business<br>Strategist | Industrial<br>Planning                      |                    | Analyses emerging sectors and technologies to ensure advancement of industrial development. |
| 8 **                   | 9   | 3. Collaboration   | Collaborates with stakeholders to ensure development of comprehensive plans and strategies  |

|             | 1.                                     |                                     | Exhibits positive attitude and receptiveness to ensure effective exchange of views and knowledge.  |  |  |
|-------------|--|-------------------------------------|--|--|--|
|             | Advocacy and<br>Awareness              | Communication                       | Possesses traits to express and convince others to agree and undertake the desired course of action  |  |  |
|             |  | 2. Business Outreach Ability        | Creates a system of outreach mechanisms and productive networks to promote industrial development  |  |  |
|             |  | 1. Subject<br>Knowledge             | Possesses sound knowledge on Business skills,<br>entrepreneurship and Industrial policy documents to ensure<br>efficient service delivery for industrial development         |  |  |
|             | Professionalism                        | 2. Integrity                        | Behaves in an honest, fair and ethical manner and shows consistency in words and actions to model high standard of ethics.   |  |  |
|             |  | 3. Team Work                        | Drives team performance by promoting and encouraging participation and sharing of ideas that align with organizational strategy to maximise team synergy and performance     |  |  |
| Business    |  | 4. ICT Skills                       | Makes positive use of ICT for ease of doing business.  |  |  |
| Facilitator | Customer<br>Relationship<br>Management | 1. Time<br>Management               | Prioritizes activities to be accomplished by setting both short and long-term targets for timely service delivery.   |  |  |
|             |  | 2. Empathy                          | Understands and shares the feelings of others to build strong professional relationship with clients   |  |  |
|             | Change Agent                           | 1. Creative<br>Thinking             | Discovers new opportunities and solutions for problems by looking beyond current practices and using innovative thinking to enhance quality service.                         |  |  |
|             |  | 2. Change<br>Management             | Challenges status quo and explores opportunities to initiate and manage change in the organization.  |  |  |
|             | Monitoring and                         | 1. M&E Skills                       | Identifies and adopts appropriate tools for effective monitoring and evaluation.   |  |  |
|             | Monitoring and Evaluation              | 2. Analytical<br>skills             | Seizes opportunity for organizational improvement that prompts<br>analytical thinking and problem solving by obtaining,<br>processing, and synthesizing information.         |  |  |
| Business    | Conflict<br>Management                 | 1. Conflict Analysis and Resolution | Resolves disagreements, confrontations and complaints in a constructive manner to gain acceptance to plans   |  |  |
| Regulator   |  | 1. Data<br>Interpretation           | Assess and accurately analyzes data to help organization in making well informed decisions   |  |  |
|             | Informed Decision<br>Making            | 2. Risk<br>Assessment               | Engages in identification, evaluation and analysis of the potential risks, takes ownership of the risks and creates preventive responses and periodically monitors the risks |  |  |
|             | 0                                      | 3. Problem<br>Solving               | Identifies and differentiates the symptoms and root causes of defined problems and suggest remedies that meets the need of the situation                                     |  |  |

## 3.4. Classification of Proficiency Levels

The proficiency level is categorized based on the level of expertise. It describes the levels of a competency required to perform a specific job successfully. There is a progression of proficiencies at each level. The proficiency level of (name of position) is categorized into four levels as i) Foundation (P5-P4), ii) Intermediate (P3) and iii) Experienced (P2) and iv) Advanced (P1). The framework has identified 80 descriptors across four levels of proficiency.

The proficiency will enable individual officials to distinguish the type of competencies expected in their career path, which will give them an opportunity to enhance competency in achieving current as well future career goals. As the officials in position levels of P5 & P4 play similar roles, their proficiency levels are merged together. Further, the proficiency level will set a benchmark for the recruitment and deployment.

| Key Role 1: Business Strategist   |  |   |  |  |  |  |
|---|--|---|--|--|--|--|
| Competency Area: Industria  | Competency Area: Industrial Planning   |   |  |  |  |  |
| <b>Key Competency: Research</b>   | Skills   |   |  |  |  |  |
| BI: Possesses sound research  | n skills for informed decision ma  | king.   |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Demonstrates basic<br>knowledge of conducting<br>research.  | Analyses, interprets and presents the data collected.  | Evaluates, resolves and supervises research works.  | Provides guidance and strategic direction to undertake effective research.   |  |  |  |
| Key Competency: Innovation  | n  |   |  |  |  |  |
| BI: Analyses emerging sector  | rs and technologies to ensure ad   | vancement of industrial devel   | lopment.   |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Keeps abreast of the emerging sectors and technological advancements for industrial development         | merging sectors and chnological advancements chnological advancements development development chnological advancements |   | Transforms and institutes robust systems to evaluate and adopt economic sectors and technologies for augmenting industrial growth and advancement. |  |  |  |
| <b>Key Competency: Collabora</b>  | ntion  |   |  |  |  |  |
| BI: Collaborates with stakeh  | nolders to ensure development of   | comprehensive plans and str   | ategies  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Demonstrates ability to<br>understand the importance of<br>collaboration with multiple<br>stakeholders. | Ensures a healthy relationship with all stakeholders for effective collaboration.                                      | Identifies and builds relationship with shareholders for effective partnership.             | Creates strategic<br>partnership with relevant<br>stakeholders to achieve a<br>common goal   |  |  |  |
| Competency Area: Advocacy   | y and Awareness  |   |  |  |  |  |
| <b>Key Competency: Communi</b>  | ication Skills   |   |  |  |  |  |
| BI: Exhibits positive attitude  | e and receptiveness to ensure effe   | ective exchange of views and  | knowledge  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Displays positive attitude to learn and engage in effective communication.                              | Manages and analyses the views and ideas of others for constructive dialogue.  | Collaborates and resolves any issues arising from interaction for meaningful communication. | Provides direction for effective exchange of views and knowledge.  |  |  |  |
| BI: Possesses traits to expres  | ss and convince others to agree a  | nd undertake the desired cou  | irse of action   |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Demonstrates skills and<br>knowledge to convey the<br>message and act                                   | nowledge to convey the techniques to engage in techniques to enhance productiveness of                                 |   | Ensures positive outcome of engaging in meaningful interaction with multiple stakeholders  |  |  |  |
| <b>Key Competency: Business C</b>   | Outreach Ability   |   |  |  |  |  |
| BI: Creates a system of outro   | each mechanisms and productive   | e networks to promote indust  | rial development   |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)  |  |  |  |
| Seeks appropriate opportunities and platforms to advocate plans and                                     | Seizes opportunities and<br>platforms to promote, advance<br>and achieve objectives of<br>industrial development plans | Collaborates with stakeholders (domestic and external) to ensure                            | Transforms and strategizes<br>outreach mechanisms to<br>enhance industrial<br>development thereby  |  |  |  |

| strategies for industrial   |   | augmentation of industrial  | contributing to economic  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|
| development   | atom  | growth  | growth  |  |  |  |  |  |
| Key Role 2: Business Facilitator  |   |   |   |  |  |  |  |  |
|   | Competency Area: Professionalism  |   |   |  |  |  |  |  |
| Key Competency: Subject K   |   |   |   |  |  |  |  |  |
| B1: Possesses sound knowled efficient service delivery for  | lge on Business skills, entreprend<br>industrial development  | erurship and Industrial polic   | y documents to ensure   |  |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)   | Experienced (P2)  | Advanced (P1)   |  |  |  |  |  |
| Demonstrates an<br>understanding on Business<br>skills, entrepreneurship and<br>Industrial policy documents<br>for efficient service delivery               | Proactively applies concept of Business Development Supports and ensure effective implementation of policy  Strives to review Bus Development and Facilitation services a makes strategic recommendations for |   | Leads in revising Business<br>Development and<br>Facilitation services and<br>identifying key<br>interventions to ensure<br>enhanced service delivery |  |  |  |  |  |
| <b>Key Competency: Integrity</b>  |   |   |   |  |  |  |  |  |
| BI: Behaves in an honest, fai<br>standard of ethics   | ir and ethical manner and shows   | consistency in words and act  | tions to model high   |  |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)   | Experienced (P2)  | Advanced (P1)   |  |  |  |  |  |
| Exhibits personal and organizational integrity and honesty  | Models integrity through exhibition of honesty and remain highly impartial and trustworthy.   | Guides colleagues to<br>maintain the standard of<br>personal and professional<br>integrity through display of<br>professionalism. | Makes appropriate decisions that ensures and encourages subordinates to act and maintain personal and professional integrity.                         |  |  |  |  |  |
| <b>Key Competency: Team Wo</b>  | rk  |   |   |  |  |  |  |  |
|   | e by promoting and encouraging aximise team synergy and perfo   |   | ideas that align with   |  |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)   | Experienced (P2)  | Advanced (P1)   |  |  |  |  |  |
| Operates with a high degree of interdependence, shares responsibility, holds accountability for the collective performance, and works toward a common goal. | Works collaboratively with team members to create team spirit through active participation and interaction to achieve the agreed goals.   | Fosters teamwork and supports the team members  | Creates team spirits and<br>builds effective teams by<br>promoting the culture of<br>team work to achieve<br>common goal.                             |  |  |  |  |  |
| <b>Key Competency: ICT Skills</b>   | S   |   |   |  |  |  |  |  |
| BI: Makes positive use of IC  | T for ease of doing business  |   |   |  |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)   | Experienced (P2)  | Advanced (P1)   |  |  |  |  |  |
| Demonstrates knowledge and skills in the positive use of ICT for ease of doing business.  | Ensures the positive use of ICT for ease of doing business.   | Promotes effective strategies in the positive use of ICT for ease of doing business.  | Shows exemplary skills and mentor colleagues in the positive use of ICT within and beyond the organization for ease of doing business.                |  |  |  |  |  |
| <b>Competency Area: Custome</b>   | r Relationship Management   |   |   |  |  |  |  |  |
| <b>Key Competency: Time Mai</b>   | nagement  |   |   |  |  |  |  |  |
| BI: Prioritizes activites to be   | BI: Prioritizes activites to be accomplished by setting both short and long-term targets for timely service delivery  |   |   |  |  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)   | Experienced (P2)  | Advanced (P1)   |  |  |  |  |  |

| with colleagues and within the deadline with minimal supervisors for timely supervision to deliver service in               |  | Manages the work schedule and timelines of colleagues to ensure quality service delivery.   | Transforms the service<br>delivery system of the<br>agency to prioritize<br>activities and ensure client<br>satisfaction. |  |  |  |
|---|--|---|---|--|--|--|
| <b>Key Competency: Empathy</b>  |  |   |   |  |  |  |
| BI: Understands and shares  | the feelings of others to build str  | ong professional relationship   | with clients  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)   |  |  |  |
| Demonstrates keenness to<br>interact with clients to<br>understand and analyse their<br>expectations of service<br>delivery | Acts in the best interest of clients in compliance to the existing rule of law.  | Balances dedication to<br>clients with organizational<br>requirements objectively to<br>maximise the client<br>satisfaction   |   |  |  |  |
| Competency Area: Change   | Agent  |   |   |  |  |  |
| <b>Key Competency: Creative</b>   | <b>Chinking</b>  |   |   |  |  |  |
| BI: Discovers new opportuninnovative thinking to enhan  | ities and solutions for problems lace quality serivice.  | by looking beyond current pr  | ractices and using  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)   |  |  |  |
| Knows when a new approach of intervention is required.  | Imports a solution from outside current work environment and studies its feasibility into the context for improved service delivery. | Modifies a solution from<br>outside current work<br>environment and seeks views<br>from colleagues before<br>putting into practice to<br>achieve the desired<br>outcomes. | Creates a new solution and effectively implements to achieve the desired outcomes.  |  |  |  |
| <b>Key Competency: Change M</b>   | <b>I</b> anagement   |   |   |  |  |  |
| BI: Challenges status quo ar  | nd explores opportunities to initia  | ate and manage change in the  | e organization  |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)   |  |  |  |
| Recognizes "where" change<br>needs to happen and<br>communicates it to<br>colleagues and supervisors<br>for consultation.   | Proactively and repeatedly explores opportunities for change to enhance business facilitation.                                       | Challenges the status quo with facts, figures and logical reasoning for better alternatives.  | Initiates innovative and tangible actions to reinforce, support and manage the change.                                    |  |  |  |
| Key Role 3: Business Regula   | itor   |   |   |  |  |  |
| Competency Area: Monitori   | ing and Evaluation   |   |   |  |  |  |
| Key Competency: M&E Ski   | lls  |   |   |  |  |  |
| BI: Identifies and adopts appropriate tools for effective monitoring and evaluation   |  |   |   |  |  |  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)  | Advanced (P1)   |  |  |  |
| Demonstrates adequate knowledge on usage of available M&E tools.  | Effectively implements the M&E tools and compiles reliable information for analysis/interpretation.                                  | Uses the M&E data and reports for taking corrective measures and future course of actions.  | Ensures effective use of M&E tools and data in decision making and implementation   |  |  |  |
| <b>Key Competency: Analytica</b>  |  |   |   |  |  |  |
| BI: Seizes opportunity for or obtaining, processing, and s  | rganizational improvement that   | prompts analytical thinking   | and problem solving by  |  |  |  |

| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)   | Advanced (P1)  |
|---|--|--|--|
| Possesses knowledge on<br>methods to obtain, process<br>and synthesize information<br>and how to use them in<br>identifying and solving<br>problems   | Synthesizes different kinds of information and utilizes them to critically examine predetermined problems and solves them              | Uses different methods of obtaining, processing and synthesizing information and utilizes them to solve self-identified problems | Resources on methods to obtain, process and synthesize information and promotes a culture where others are empowered to identify and solve problems that leads to organizational improvement |
| <b>Competency Area: Conflict</b>  | Management   |  |  |
| Key Competency: Conflict A  | Analysis and Resolution  |  |  |
| BI: Resolves disagreements,   | confrontations and complaints i  | n a constructive manner to ga  | ain acceptance to plans  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)   | Advanced (P1)  |
| Recognizes the potentials for conflicts and confronts problems openly and constructively.   | onstructive and mutually satisfying manner through satisfying manner through willingness to see things from conflicting situations and |  | Views complexity and<br>ambiguity as challenge and<br>leads team through<br>uncertainty and ambiguity<br>to achieve positive and<br>beneficial outcome                                       |
| Competency Area: Informed   | d Decision Making  |  |  |
| <b>Key Competency: Data Inte</b>  | rpretation   |  |  |
| BI: Assess and accurately an  | nalyzes data to help organization  | in making well informed dec  | isions   |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)   | Advanced (P1)  |
| Conducts simple analysis using spreadsheets, accurately interpret and communicate results   | Conducts advanced analysis using specialised software or analysis tools  | Collaborates with colleagues<br>and designs innovative<br>models and data analysis<br>tools                                      | Develops innovative data<br>analysis tools and<br>guides/monitors<br>implementation of<br>identified data analysis<br>tools  |
| Key Competency: Risk Asse   | ssment   |  |  |
|   | n, evaluation and analysis of the priodically monitors the risks   | potential risks, takes ownersh   | ip of the risks and creates  |
| Foundation (P5-4)   | Intermediate (P3)  | Experienced (P2)   | Advanced (P1)  |
| Demonstrates knowledge on identification, evaluation and analysis of the potential risks and awareness on preventive measures and management Engages in identification, evaluation and analysis of the potential risks with minimal supervision, takes ownership of the risks and identifies evaluation and analysis of the potential risks independently, take ownership of the risks and identifies |  | independently, takes   | Anticipates potential risks, puts in place preventive measures and ensures effective implementation of those measures and management plans   |
| and awareness on preventive<br>measures and management<br>plans   | the risks and identifies   | deploys appropriate preventive measures and  | of those measures and  |
| and awareness on preventive measures and management   | the risks and identifies appropriate preventive measures   | deploys appropriate preventive measures and  | of those measures and  |
| and awareness on preventive measures and management plans  Key Competency: Problem 8  | the risks and identifies appropriate preventive measures   | deploys appropriate<br>preventive measures and<br>management plans   | of those measures and<br>management plans  |

| Solicits input in gathering data that help identify and differentiate the symptoms and root causes of defined problems | Determines the potential causes | Diagnoses problems using<br>formal problem-solving tools<br>and techniques from multiple<br>angles and probes underlying<br>issues to generate multiple<br>potential solutions |  |
|--|---------------------------------|--|--|
|--|---------------------------------|--|--|

### 3.5. Training Need Analysis

The Training Needs is the differences between desired capability and current capability. The Training Needs Analysis is the process of recognizing the skills gap and needs of training. It is the procedure to determine whether the training will bring out the solution to the problem. It ensures that training is targeting the correct competencies, the correct employees and the needs of the Department. The training can reduce, if not eliminate, the gap by equipping the Industries Officers with required knowledge and skills. It should be the shared responsibility of employee and Departments to build and enhance their capability and competency.

The training needs analysis is carried out in consultation with the stakeholders through consultative workshops. The participants were presented with the descriptors at 4 proficiency levels on Likert Scale of "Adequate" and "Not Adequate" followed by open ended questions asking the likely reasons for 'Not Adequate" and suggest interventions to address the gap. The Descriptors which are pointed "Not Adequate" along with the like reasons for performance gap, methods of intervention and learning objectives are given in the table below:

| Key<br>Competencies | Behavioural<br>Indicator   | Proficiency<br>Levels | Descriptors   | Performan<br>ce Gap | Likely reason for deficient performance  | Method of Intervention  |  |  |  |
|---------------------|--|-----------------------|---|---------------------|--|---|--|--|--|
| Business Strates    | Business Strategist  |                       |   |                     |  |   |  |  |  |
|                     |  | Foundation (P5/4)     | Demonstrates basic knowledge of conducting research.  | Not<br>Adequate     | Intellectual (Inadequate<br>knowledge and skills in<br>conducting research)  | Training in research skills.  |  |  |  |
| Research Skills     | Possesses<br>sound research<br>skills for<br>informed  | Intermediate (P3)     | Analyses, interprets and presents the data collected.   | Not<br>Adequate     | Intellectual     (Inadequate knowledge     and skill on use of data     analyses tools).     Resource (Inadequate     manpower, financial) | Training on use of data analysis tools and result interpretation.     Provide adequate resources  |  |  |  |
|                     | decision<br>making.  | Experienced (P2)      | Evaluates, resolves and supervises research works.  | Not<br>Adequate     | Inadequate intellectual capacity, resources and incentives   | Training on evaluation of research works.   |  |  |  |
|                     |  | Advanced (P1)         | Provides guidance and strategic direction to undertake effective research.  | Not<br>Adequate     | Inadequate research knowledge  | Training on research methodology.   |  |  |  |
|                     | Analyses<br>emerging<br>sectors and<br>technologies to<br>ensure<br>advancement of<br>industrial<br>development. | Foundation (P5/4)     | Keeps abreast of the emerging<br>sectors and technological<br>advancements for industrial<br>development  | Not<br>Adequate     | Inadequate knowledge<br>of emerging sectors and<br>technological<br>developments   | Workshop, seminar and<br>forum for educating and<br>sharing information on the<br>emerging sector and<br>technological advancement<br>for industrial development. |  |  |  |
|                     |  | Intermediate (P3)     | Assesses emerging sectors and technologies for industrial development   | Not<br>Adequate     | Lack of motivation for<br>exploring and assessing<br>emerging sector and<br>technologies.  | Need to motivate and<br>enhance employee<br>engagement through<br>coaching and mentoring  |  |  |  |
| Innovation          |  | Experienced (P2)      | Identifies and recommends<br>strategic sectors and<br>appropriate technologies for<br>industrial policy consideration.                            | Not<br>Adequate     | Inadequate knowledge<br>on the methodology and<br>process for identifying<br>strategic sectors and<br>technologies                         | Training in research skills.  |  |  |  |
|                     |  | Advanced (P1)         | Transforms and institutes robust systems to evaluate and adopt economic sectors and technologies for augmenting industrial growth and advancement | Not<br>Adequate     | Inadequate knowledge<br>on viable economic<br>sectors and relevant<br>technologies   | Workshop/ Seminars  |  |  |  |
| Collaboration       | Collaborates with  | Foundation (P5/4)     | Demonstrates ability to understand the importance of  | Not<br>Adequate     | Personal (Inadequate stakeholder networking  |   |  |  |  |

|                         | stakeholders to<br>ensure<br>development of<br>comprehensive  | Intermediate      | collaboration with multiple<br>stakeholders.<br>Ensures a healthy relationship  | Not             | skills) 2. Lack of willingness and ability to take stakeholders on board  |  |
|-------------------------|---|-------------------|---|-----------------|---|--|
|                         | plans and<br>strategies   | (P3)              | with all stakeholders for effective collaboration.  | Adequate        | for collaboration   | 1. Training  |
|                         | strategies  | Experienced (P2)  | Identifies and builds relationship with stakeholders for effective partnership.   | Not<br>Adequate |   | 2. Carry out periodical stakeholder consultation.  |
|                         |   | Advanced (P1)     | Creates strategic partnership<br>with relevant stakeholders to<br>achieve a common goal   | Not<br>Adequate |   |  |
|                         | Exhibits  | Foundation (P5/4) | Displays positive attitude to learn and engage in effective communication.  | Not<br>Adequate |   |  |
|                         | positive attitude<br>and<br>receptiveness to  | Intermediate (P3) | Manages and analyses the views and ideas of others for constructive dialogue.   | Not<br>Adequate |   |  |
|                         | ensure effective<br>exchange of<br>views and  | Experienced (P2)  | Collaborates and resolves any issues arising from interaction for meaningful communication.   | Not<br>Adequate | Personal (lack communication skills   |  |
|                         | knowledge.  | Advanced (P1)     | Provides direction for effective exchange of views and knowledge.   | Adequate        | and tools to engage in effective communication for advocacy and   | Coaching and mentoring     Classroom Training     Allocate adequate     resources  |
| Communicatio<br>n       | Possesses traits<br>to express and<br>convince others<br>to agree and<br>undertake the<br>desired course<br>of action                       | Foundation (P5/4) | Demonstrates skills and<br>knowledge to convey the<br>message and act   | Not<br>Adequate | awareness on industrial development)  2. Lack of resources to undertake effective advocacy and awareness programs   |  |
|                         |   | Intermediate (P3) | Manages effective tools and<br>techniques to engage in<br>productive communication  | Not<br>Adequate |   |  |
|                         |   | Experienced (P2)  | Designs effective tools and<br>techniques to enhance<br>productiveness of<br>communication  | Not<br>Adequate |   |  |
|                         |   | Advanced (P1)     | Ensures positive outcome of engaging in meaningful interaction with multiple stakeholders   | Adequate        |   |  |
|                         |   | Foundation (P5/4) | Seeks appropriate opportunities<br>and platforms<br>to advocate plans and strategies<br>for industrial development                            | Not<br>Adequate | Personal (lack<br>knowledge and skills on   |  |
| Business                | Creates a<br>system of<br>outreach<br>mechanisms  | Intermediate (P3) | Seizes opportunities and<br>platforms to promote, advance<br>and achieve objectives of<br>industrial development plans                        | Not<br>Adequate | plans, strategies for industrial development)   | Orientation and awareness  |
| Outreach<br>Ability     | and productive<br>networks to<br>promote<br>industrial  | Experienced (P2)  | Collaborates with stakeholders<br>(domestic and external) to<br>ensure augmentation of<br>industrial growth                                   | Not<br>Adequate | Lack of strategic vision on long term industrial development     Environment (No clear chain of command over the task and reporting structure)     Environment (lack of resources)              | 1. Awareness on industrial strategy and policies   |
|                         | development   | Advanced (P1)     | Transforms and strategizes<br>outreach mechanisms to<br>enhance industrial development<br>thereby contributing to<br>economic growth          | Not<br>Adequate |   | Institute clear chain of command over the task     Allocate adequate resources   |
| <b>Business Facilit</b> | ator  |                   |   |                 | <u> </u>  |  |
| Subject<br>Knowledge    | Possesses<br>sound<br>knowledge on<br>Business skills,<br>entrepreneurshi<br>p and Industrial<br>policy<br>documents to<br>ensure efficient | Foundation (P5/4) | Demonstrates an understanding<br>on Business skills,<br>entrepreneurship and Industrial<br>policy documents for efficient<br>service delivery | Not<br>Adequate | 1. Personal (individual lack basic or task related skills; individuals lack knowledge on how policies and procedures impact doing the task) 2. Environment (inadequate personnel and resources; | Personal - Orientation & Training (classroom and OJT)     Environment - Provision of adequate personnel and resources; Streamlining procedures |

|            | service delivery<br>for industrial   |                   |   |                 | procedures creating barriers)   |   |
|------------|--|-------------------|---|-----------------|---|---|
|            | development  | Intermediate (P3) | Proactively applies concept of<br>Business Development<br>Supports and ensure effective<br>implementation of policy<br>documents                            | Not<br>Adequate | Personal (individual lack task related skills)     Environment (inadequate personnel and resources; procedures creating barriers)                       | Personal - Training (classroom and OJT)     Environment - Provision of adequate personnel and resources; Streamlining procedures.                             |
|            |  | Experienced (P2)  | Strives to review Business<br>Development and Facilitation<br>services and makes strategic<br>recommendations for improved<br>service delivery              | Not<br>Adequate | Environment     (inadequate personnel     and resources;     procedures creating     barriers)     Enformation     (inconsistent task     requirements) | 1. Environment - Provision<br>of adequate personnel and<br>resources; Streamlining<br>procedures<br>2. Information -<br>Assignment of clear<br>task/mandates) |
|            |  | Advanced (P1)     | Leads in revising Business<br>Development and Facilitation<br>services and identifying key<br>interventions to ensure<br>enhanced service delivery          | Not<br>Adequate | Information (Conflicting policies to complete the task; inconsistent task requirements)   | Streaming policies and<br>assignment of clear<br>mandates/tasks   |
|            |  | Foundation (P5/4) | Exhibits personal and organizational integrity and honesty  | Adequate        | NA  | Periodic sensitization  |
|            | Behaves in an honest, fair and ethical manner and shows consistency in words and actions to model high standard of ethics. | Intermediate (P3) | Models integrity through exhibition of honesty and remain highly impartial and trustworthy.   | Adequate        | NA  | Periodic sensitization  |
| Integrity  |  | Experienced (P2)  | Guides colleagues to maintain<br>the standard of personal and<br>professional integrity through<br>display of professionalism.                              | Adequate        | NA  | Periodic sensitization  |
|            |  | Advanced (P1)     | Makes appropriate decisions<br>that ensures and encourages<br>subordinates to act and<br>maintain personal and<br>professional integrity.                   | Adequate        | NA  | Periodic sensitization  |
|            | Drives team performance by promoting and   | Foundation (P5/4) | Operates with a high degree of interdependence, shares responsibility, holds accountability for the collective performance, and works toward a common goal. | Not<br>Adequate | Information<br>(inconsistent task<br>requirements;<br>inadequate task<br>assignment)  | Defining clear mandates and task assignment.  |
| Team Work  | encouraging<br>participation<br>and sharing of<br>ideas that align<br>with   | Intermediate (P3) | Works collaboratively with<br>team members to create team<br>spirit through active<br>participation and interaction to<br>achieve the agreed goals.         | Not<br>Adequate | Information (lack of<br>proper feedback, task<br>assignment)  | Institute proper feedback<br>system   |
|            | organizational<br>strategy to<br>maximise team<br>synergy and  | Experienced (P2)  | Fosters teamwork and supports the team members  | Not<br>Adequate | Information (lack of<br>proper feedback, task<br>assignment)  | Institute proper feedback system  |
|            | performance  | Advanced (P1)     | Creates team spirits and builds effective teams by promoting the culture of team work to achieve common goal.   | Not<br>Adequate | Environment (unclear<br>chain of command over<br>the task and reporting<br>structure)   | Knowledge on<br>communication and<br>feedback system  |
|            |  | Foundation (P5/4) | Demonstrates knowledge and skills in the positive use of ICT for ease of doing business.  | Not<br>Adequate | Personal (lack<br>proficiency in ICT<br>skills)   | ICT skills training   |
| ICT Skills | Makes positive<br>use of ICT for<br>ease of doing<br>business.   | Intermediate (P3) | Ensures the positive use of ICT for ease of doing business.   | Not<br>Adequate | Personal (lack<br>proficiency in ICT<br>skills)   | ICT skills training   |
|            |  | Experienced (P2)  | Promotes effective strategies in<br>the positive use of ICT for ease<br>of doing business.  | Not<br>Adequate | Environment<br>(inadequate materials<br>and resources)  | Allocation of adequate resources  |

|                      |  | Advanced (P1)     | Shows exemplary skills and mentor colleagues in the positive use of ICT within and beyond the organization for ease of doing business.                                 | Not<br>Adequate | Environment<br>(inadequate materials<br>and resources)  | Allocation of adequate resources  |
|----------------------|--|-------------------|--|-----------------|---|---|
|                      | Prioritizes<br>activities to be<br>accomplished<br>by setting both<br>short and long-<br>term targets for<br>timely service<br>delivery.             | Foundation (P5/4) | Prioritizes activities to be accomplished in consultation with colleagues and supervisors for timely service delivery.   | Not<br>Adequate | Personal (lack of organisational knowledge)     Environmental (lack of adequate resources, manpower)  | Personal (proper orientation on function, mandates, rules, polices, etc)     Environmental (allocation of adequate resources) |
| Time<br>Management   |  | Intermediate (P3) | Plans independently and complete prioritized activities within the deadline with minimal supervision to deliver service in time.                                       | Not<br>Adequate | Environmental (Lack of resources)   | Orientations/workshops/se<br>minars/job rotation  |
|                      |  | Experienced (P2)  | Manages the work schedule and timelines of colleagues to ensure quality service delivery.  | Not<br>Adequate | Environmental (Lack of chain of command over the task and reporting structure)                        | Proper reporting structure to be strengthened   |
|                      |  | Advanced (P1)     | Transforms the service delivery<br>system of the agency to<br>prioritize activities and ensure<br>client satisfaction.   | Not<br>Adequate | Environmental (Lack of resources)   | Adequate manpower required.   |
|                      | Understands<br>and shares the<br>feelings of<br>others to build<br>strong<br>professional<br>relationship<br>with clients                            | Foundation (P5/4) | Demonstrates keenness to<br>interact with clients to<br>understand and analyse their<br>expectations of service delivery   | Not<br>Adequate | Information (Conflicting policies to complete the tasks)  | Ensure policy consistencies   |
| Empathy              |  | Intermediate (P3) | Acts in the best interest of clients in compliance to the existing rule of law.  | Not<br>Adequate | Information (Conflicting policies to complete the tasks)  | Ensure policy consistencies   |
| Empathy              |  | Experienced (P2)  | Balances dedication to clients<br>with organizational<br>requirements objectively to<br>maximise the client satisfaction   | Not<br>Adequate | Information (Conflicting policies to complete the tasks)  | Ensure policy consistencies   |
|                      |  | Advanced (P1)     | Makes decisions that balances client satisfaction and organizational requirements  | Not<br>Adequate | Information (Conflicting policies to complete the tasks)  | Ensure policy consistencies   |
|                      | Discovers new opportunities and solutions for problems by looking beyond current practices and using innovative thinking to enhance quality service. | Foundation (P5/4) | Knows when a new approach of intervention is required.   | Not<br>Adequate | Personal (Lack of task related skills)     Environment (Inadequate/outdated resources to do the task) |   |
| Creative<br>Thinking |  | Intermediate (P3) | Imports a solution from outside current work environment and studies its feasibility into the context for improved service delivery.                                   | Not<br>Adequate | Personal (lack of motivation)     Environment (inadequate resources)                                  | Workshops, seminars, training etc.  |
|                      |  | Experienced (P2)  | Modifies a solution from<br>outside current work<br>environment and seeks views<br>from colleagues before putting<br>into practice to achieve the<br>desired outcomes. | Not<br>Adequate | Personal (lack of motivation)     Environment (inadequate resources)                                  | Motivation, Incentives, trainings   |
|                      |  | Advanced (P1)     | Creates a new solution and effectively implements to achieve the desired outcomes.   | Not<br>Adequate | Personal (lack of motivation)     Environment (inadequate resources)                                  |   |
| Change<br>Management | Challenges<br>status quo and<br>explores<br>opportunities to<br>initiate and   | Foundation (P5/4) | Recognizes "where" change<br>needs to happen and<br>communicates it to colleagues<br>and supervisors for<br>consultation.  | Not<br>Adequate | Personal (limited task related skills)  | Orientation   |

|  | manage change<br>in the<br>organization.   | Intermediate (P3) | Proactively and constantly explores opportunities for change to enhance business facilitation.  | Not<br>Adequate | 1. Environmental (Lack<br>of resource and<br>manpower)<br>2. Personal (Lack of<br>motivation)         | Training     Motivation (incentives and recognition)   |  |
|--|--|-------------------|---|-----------------|---|--|--|
|  |  | Experienced (P2)  | Challenges the status quo with facts, figures and logical reasoning for better alternatives.  | Not<br>Adequate | Environmental (Lack of resource and manpower)     Personal (Lack of motivation)                       | 1. Training 2. Motivation (incentives and recognition)   |  |
|  |  | Advanced (P1)     | Initiates innovative and tangible actions to reinforce, support and manage the change.  | Not<br>Adequate | Environmental (Lack of resource and manpower)     Environment (Inadequate space and support services) | Adequate manpower and resource allocation     Allocate adequate resources and flexibility to management change |  |
| Business Regula                        | itor   |                   |   |                 |   |  |  |
|  |  | Foundation (P5/4) | Demonstrates adequate<br>knowledge on usage of<br>available M&E tools.  | Not<br>Adequate | Personal Barriers (Lack<br>of Capacity, Knowledge<br>and Skills)                                      | 1. Structured classrooms trainings (M&E Trainings)   |  |
| M&E Skills                             | Identifies and adopts appropriate tools for  | Intermediate (P3) | Effectively implements the M&E tools and compiles reliable information for analysis/interpretation.   | Not<br>Adequate | Personal Barriers (Lack<br>of Capacity, Knowledge<br>and Skills)                                      | Workshops and seminars on M&E     Coaching programs  |  |
|  | effective<br>monitoring and<br>evaluation.   | Experienced (P2)  | Uses the M&E data and reports for taking corrective measures and future course of actions.  | Not<br>Adequate | Personal Barriers (Lack<br>of Capacity, Knowledge<br>and Skills)                                      | Refreshers Course (M&E<br>Trainings)   |  |
|  |  | Advanced (P1)     | Ensures effective use of M&E tools and data in decision making and implementation   | Not<br>Adequate | Personal Barriers (Lack<br>of Capacity, Knowledge<br>and Skills)                                      |  |  |
|  | Seizes opportunity for organizational improvement that prompts analytical thinking and problem solving by obtaining, processing, and synthesizing information. | Foundation (P5/4) | Possesses knowledge on<br>methods to obtain, process and<br>synthesize information and<br>how to use them in identifying<br>and solving problems.   | Not<br>Adequate | Personal Barriers (Lack<br>of Capacity, Knowledge<br>and Skills)                                      | Cross Trainings (critical thinking, reporting, problem solving)     Workshops and seminars                     |  |
|  |  | Intermediate (P3) | Synthesizes different kinds of information and utilizes them to critically examine predetermined problems and solves them.  | Not<br>Adequate | Personal barriers (Lack<br>of capacity and<br>skill/knowledge)  | 3.Coaching   |  |
| Analytical<br>skills                   |  | Experienced (P2)  | Uses different methods of<br>obtaining, processing and<br>synthesizing information and<br>utilizes them to solve self-<br>identified problems   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)   | Refresher course on analytical skills  |  |
|  |  | Advanced (P1)     | Resources on methods to obtain, process and synthesize information and promotes a culture where others are empowered to identify and solve problems that leads to organizational improvement. | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)   |  |  |
| Conflict<br>Analysis and<br>Resolution | Resolves<br>disagreements,<br>confrontations<br>and complaints<br>in a<br>constructive<br>manner to gain<br>acceptance to<br>plans                             | Foundation (P5/4) | Recognizes the potentials for conflicts and confronts problems openly and constructively.   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)   | Structured Class room trainings (Conflict Management   |  |
|  |  | Intermediate (P3) | Resolves conflicts in a constructive and mutually satisfying manner through willingness to see things from others point of view.  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)   | Training/Negotiation<br>Skills)<br>2. Workshops and<br>mentoring programs                                      |  |
|  |  | Experienced (P2)  | Maintains positive and<br>productive working<br>relationships despite<br>conflicting situations and<br>personalities  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)   | Refreshers Course/In-<br>house workshops and<br>seminars(Conflict<br>Management                                |  |

|                    |  | Advanced (P1)     | Views complexity and<br>ambiguity as challenge and<br>leads team through uncertainty<br>and ambiguity to achieve<br>positive and beneficial<br>outcome   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge)                                  | Training/Negotiation<br>Skills)   |  |
|--------------------|--|-------------------|--|-----------------|--|---|--|
|                    | Assess and accurately analyses data to   | Foundation (P5/4) | Conducts simple analysis using spreadsheets, accurately interpret and communicate results  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>interpret data)             | Structured classroom trainings (Data analysis and interpretation)   |  |
| Data               |  | Intermediate (P3) | Conducts advanced analysis using specialised software or analysis tools  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>interpret data)             | 2. Mentoring Programs 3. Coaching   |  |
| Interpretation     | help<br>organization in<br>making well<br>informed<br>decisions  | Experienced (P2)  | Collaborates with colleagues<br>and designs innovative models<br>and data analysis tools   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>interpret data)             | Refreshers Course (Data analysis and interpretation)  |  |
|                    |  | Advanced (P1)     | Develops innovative data<br>analysis tools and<br>guides/monitors<br>implementation of identified<br>data analysis tools   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>interpret data)             |   |  |
| Risk<br>Assessment | Engages in identification, evaluation and analysis of the potential risks, takes ownership of the risks and creates preventive responses and periodically monitors the risks | Foundation (P5/4) | Demonstrates knowledge on<br>identification, evaluation and<br>analysis of the potential risks<br>and awareness on preventive<br>measures and management<br>plans  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct risk assessment)    | 1. Classroom trainings/In-<br>House<br>Workshop/Seminars (Risk<br>assessment trainings such<br>as qualitative, quantitative,<br>dynamic)<br>2. Mentoring Programs |  |
|                    |  | Intermediate (P3) | Engages in identification,<br>evaluation and analysis of the<br>potential risks with minimal<br>supervision, takes ownership of<br>the risks and identifies<br>appropriate preventive<br>measures        | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct risk assessment)    | Classroom trainings (Risk<br>assessment trainings such<br>as qualitative, quantitative,<br>dynamic)   |  |
|                    |  | Experienced (P2)  | Engages in identification,<br>evaluation and analysis of the<br>potential risks independently,<br>takes ownership of the risks<br>and deploys appropriate<br>preventive measures and<br>management plans | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct risk assessment)    | Refreshers Course (Risk<br>assessment trainings such<br>as qualitative, quantitative,<br>dynamic)   |  |
|                    |  | Advanced (P1)     | Anticipates potential risks, puts<br>in place preventive measures<br>and ensures effective<br>implementation of those<br>measures and management<br>plans  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct risk assessment)    |   |  |
| Problem<br>Solving | Identifies and<br>differentiates<br>the symptoms<br>and root causes<br>of defined<br>problems and<br>suggest<br>remedies that<br>meets the need<br>of the situation          | Foundation (P5/4) | Solicits input in gathering data that help identify and differentiate the symptoms and root causes of defined problems.  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct problem<br>solving) | Classroom trainings (Effective problem solving and decision making trainings)     Mentoring Program     On job attachment   |  |
|                    |  | Intermediate (P3) | Determines the potential causes<br>of the problem and devises<br>testing methodologies for<br>validation.  | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct problem<br>solving) | Classroom<br>trainings/Workshops/Semi<br>nars (Effective problem<br>solving and decision<br>making trainings)   |  |
|                    |  | Experienced (P2)  | Diagnoses problems using formal problem-solving tools and techniques from multiple angles and probes underlying issues to generate multiple potential solutions.   | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct problem<br>solving) | Refreshers Course<br>(Effective problem solving<br>and decision making<br>trainings)  |  |

| Advanced (P1) | Uses formal methodologies to<br>forecast trends and define<br>innovative strategic choices in<br>response to the potential<br>problems | Not<br>Adequate | Personal (Lack of<br>capacity and<br>skill/knowledge to<br>conduct problem<br>solving) |  |
|---------------|--|-----------------|--|--|
|---------------|--|-----------------|--|--|

# 3.6. Recommended Interventions

The likely reasons for the performance gaps and interventions were proposed above. In order to provide a capacity building program, the following are the expected learning objectives. The respective proficiency level officials will be able to achieve the objectives mentioned against each of the training.

### 3.6.1. Formal short-term trainings

| Formal Classroom training   |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Short-term training programmes  | Target Group(s)   | Learning Objectives  |  |  |  |  |
| Research Methodology (Research tools, designs and techniques, literature review and data collection and dimensions of conducting applied research)                              | Industries Officers at foundation, intermediate and experienced level | Industries officers at the Foundation, intermediate and experienced Level will be able to apply basic knowledge and skills of research and carry out specific studies as and when required.        |  |  |  |  |
| Business Plan Preparation   | Foundation level Industries<br>Officers                               | Industries Officers at these levels will develop knowledge and skills to prepare business plans, review and analyse business proposals for approval.   |  |  |  |  |
| Identification of Business Opportunities (Analyse project viability, cash creation and project assessment techniques)   | Industries Officers at foundation, intermediate and experienced level | Participants will be able to identify business opportunities using 2 or more models learnt.  |  |  |  |  |
| ICT Training (MS word, Excel, power-point, data analytics and G-suite)  | Foundation, Intermediate and Experienced level Industries Officers    | Participants should be able to apply proficiently MS Office,<br>Data Analysis and Management and G-Suite applications at<br>work place for efficient service delivery                              |  |  |  |  |
| Industrial Analysis (Ratio and sensitivity analysis and Industrial analysis such as PESTLE analysis)  | Industries Officer at foundation, intermediate and experienced level  | Participants should be able to identify 1 key sectors to promote for business in the country and prioritize a minimum of 3 sectors to incentivize them.  |  |  |  |  |
| Risk Assessment Training (Principles, framework and process of risk assessment, developing integrated risk criteria for identification, analysis and evaluation of information) | Foundation and Intermediate level Industries Officers                 | Industries Officers will be able to successfully identify potential risks, analyze and come up with appropriate preventive measures.   |  |  |  |  |
| Regional Trade Policies (Those provided by the WTO)   | All Industries Officers   | Participants should be able to identify at least 1 relevant trade policy issue in the regional context, interpret correctly WTO agreements when presented and assess to WTO information resources. |  |  |  |  |

# 3.6.2.Orientations/Workshops/Seminars

| Orientation/Workshop/Seminars  |   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| Orientation/Workshop/Seminar Themes/Topics   | Target Group(s)   | Learning Objectives  |  |  |  |  |
| Orientation (Industrial policies, acts, guidelines, rules and regulations)                   | Foundation level Industries officers                        | Industries Officers at Foundation level should be able to interpret<br>any industrial policy documents accurately as and when needed for<br>uniformity.  |  |  |  |  |
| <b>Workshop</b> (data analysis, design thinking, critical thinking and problem solving)      | Foundation and<br>Intermediate level Industries<br>Officers | Industries Officers at P5 & P4 levels should be able to analyse available data, resolve problems and innovate new approaches to enhance service delivery.  |  |  |  |  |
| Team Building Workshop   | Industries Officers at all levels                           | Industries Officers should be able to build team spirit and work collaboratively to create a healthy working environment.  |  |  |  |  |
| Workshop (M&E Tools and Emerging Sectors and Technological advancements in Industrial areas) | Industries Officers at all levels                           | Industries Officers will be able to apply the techniques and tools of project planning, M&E for effectively managing industrial projects. They should also be able to critically assess and identify emerging sectors and appropriate technologies for industrial development. |  |  |  |  |

#### 3.6.3. Refresher-Courses/Sensitizations

| Refresher Courses/Sensitization                          |   |   |  |  |  |  |
|--|---|---|--|--|--|--|
| Themes/Topics  | Target Group(s)   | Learning Objectives   |  |  |  |  |
| Periodic Sensitization (Ethics,<br>Integrity and values) | All Industries Officers                                     | Industries Officers at all proficiency levels should be able to understand the moral values, resolves the moral issues in a professional way and to justify the moral judgement professionally.                   |  |  |  |  |
| Refresher Course (Coaching and Mentoring)                | Experienced and Advanced level Industries Officers          | Experienced and Advanced level Industries Officers should be able to coach or mentor their junior colleagues as and when required to encourage and provide guidance to them.                                      |  |  |  |  |
| Refresher course (M&E Tools)                             | Industries Officers at<br>Experienced and Advanced<br>level | Industries Officers will be able to determine the relevant stakeholders involved in M&E projects, develop a comprehensive M&E plan and implement an M&E system for result based monitoring and evaluation system. |  |  |  |  |

### 3.6.4.Long-term training

| Long-term Training                                      |   |   |             |  |  |  |
|---|---|---|-------------|--|--|--|
| Course Title  | Target Group(s)                                       | Learning Objectives   | No of slots |  |  |  |
| Master's Degree in Industrial<br>Business Management    | Foundation and Intermediate level Industries Officers | Upon completion of the course the candidate should be able to understand economic analysis, international economics, financial statement planning, cost analysis, financial analysis, marketing, business law and innovation management, etc) |             |  |  |  |
| Master's Degree in Business<br>Administration/Economics | Foundation and Intermediate level Industries Officers | Upon completion, the candidate should be able to list the major business disciplines, understand the operation of markets and economics, possess econometric skills to analyse economic questions and evaluate programs and policies          |             |  |  |  |

### 4. Implementation of CBF for Industries Officers

The implementation of training and other interventions has to be based on the mandatory programmes/interventions listed in the training needs analysis of this document. The mandatory list of training/intervention includes all the programmes against the behavior indicators that are found to be "Not Adequate" under the Training Needs Analysis. However, for implementation, it has to be prioritized based on the following:

- a. Annual prioritization
- b. Most critical area of intervention
- c. Rationalization of selection of participants
- d. Availability of the resource allocation

Implementation has to be initiated and spearheaded by the concerned department or parent agency in close coordination and collaboration with respective HR Division.

# **Core Working Group Members:**



Mr. Gyem Dorji (CBF Master Trainer and Team Leader) Industries Officer, FDI Division, DoI, MoEA



Mrs. Tashi Wangmo (Core Team Member) Sr. Industries Officer, Programming Division, DCSI, MoEA



Mr. Ugyen Tashi (Core Team Member) Industries Officer, DI Division, DoI, MoEA

#### Special Thanks to:

Mr. Throwa Tenzin, Chief Industries Officer, FDI Division, DoI, MoEA

Mr. Tashi Dorji, Dy. Chief Industries Officer, FDI Division, DoI, MoEA

Mr. Drakpa Gyeltshen, Sr. Industries Officer, DI Division, DoI, MoEA

Mrs. Dechen Choden, Sr. Industries Officer, IPC Division, DoI, MoEA

Mr. Tashi Dorji, Industries Officer, IPC Division, DoI, MoEA

Mrs. Karma Yanka, Dy. Chief Industries Officer, ED Division, DCSI, MoEA

Mr. Sonam Jamtsho, Industries Officer, SBP Division, DCSI, MoEA

Mrs. Karma Choden, Estate Manager, Startup Center, DCSI, MoEA

Mr. Karma Tenzin, Admin Asst. FDI Division, DoI, MoEA