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Islamabad



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FREIGHT FORWARDING & SHIPPING

Competency Standards

National Vocational Certificate Level 3-4

Version 1 - August 2018



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Published by

National Vocational and Technical Training Commission
Government of Pakistan

Headquarter

Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan
www.navttc.org

Responsible

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National Deputy Head, TVET Sector Support Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Layout & design

SAP Communications

Photo Credits

TVET Sector Support Programme

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This document has been produced with the technical assistance of the TVET Sector Support Programme, which is funded by the European Union, the Federal Republic of Germany and the Royal Norwegian Embassy and has been commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in close collaboration with the National Vocational and Technical Training Commission (NAVTTTC) as well as provincial Technical Education and Vocational Training Authorities (TEVTAs), Punjab Vocational Training Council (PVTC), Qualification Awarding Bodies (QABs)s and private sector organizations.

Document Version

August, 2018
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TABLE OF CONTENTS

Contents

1. TITLES OF QUALIFICATIONS.....	3
2. INTRODUCTION.....	3
3. PURPOSE OF THE QUALIFICATIONS	6
4. MAIN OBJECTIVES OF THE QUALIFICATIONS	7
5. DATE OF INDUSTRY VALIDATION	7
6. CODES OF QUALIFICATIONS.....	8
7. MEMBERS OF QUALIFICATIONS DEVELOPMENT COMMITTEE	9
8. ENTRY REQUIREMENTS	10
9. REGULATIONS FOR THE QUALIFICATION	11
10. SUMMARY OF COMPETENCY STANDARDS	12
Competency Standard A: Explore Business Potential	13
Competency Standard B: Manage Land Transport.....	17
Competency Standard C: Manage Warehousing	26
Competency Standard D: Carryout Packaging/Packing.....	21
Competency Standard E: Execute Distribution	30
Competency Standard F: Ensure Goods Safety and Security.....	24
Competency Standard G: Manage Sea Transport	32
Competency Standard H: Manage Air Transport.....	36
Competency Standard I: Perform Custom Clearance.....	40
Competency Standard J: Manage Risks.....	43
COMPLETE LIST OF TOOLS AND EQUIPMENT	45



1. TITLES OF QUALIFICATIONS

- i. National Vocational Certificate level 3, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Assistant”.
- ii. National Vocational Certificate level 4, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Associate”

2. INTRODUCTION

A freight forwarder, forwarder, or forwarding agent, also known as a Non-Vessel Operating Common Carrier (NVOCC), is a person or company that organizes shipments for individuals or corporations to get goods from the manufacturer or producer to a market, customer or final point of distribution. Forwarders contract with a carrier or often multiple carriers to move the goods. A forwarder does not move the goods but acts as an expert in the logistics network. These carriers can use a variety of shipping modes, including sea lines, airplanes, trucks, and railroads, and often do utilize multiple modes for a single shipment.

International freight forwarders typically handle international shipments. International freight forwarders have additional expertise in preparing and processing customs and other documentation and performing activities pertaining to international shipments laws.

The International Federation of Freight Forwarders Associations (FIATA) shorthand description of the freight forwarder as the "Architect of Transport" illustrates the commercial position of the forwarder relative to its client. In Europe, some forwarders specialize in "niche" areas such as rail-freight, and collection and deliveries around a large port.

Freight forwarding industry started in 1960's; the industry emerged in 1980's. Today over 2000 companies are working in Pakistan however 600+ are registered with



national association i.e. Pakistan International Freight Forwarders Association (PIFFA).

The qualifications of Logistics & Supply Chain – Freight Forwarding & Shipping Assistant and Associate are developed based on Freight Forwarding sector’s demand on the pattern of competency based training under national vocational qualification framework (NVQF). It carries a proposed learning volume of 890hours i.e. 6 hours per day and five days a week means 30 weeks which is almost 6 months and Two months is recommended as workplace based training (On the Job Training).

Freight Forwarding & Shipping Associate plays a vital role in the freight forwarding industry by performing supporting and core functions in delivery of the services to the client. Increasing demand of the industry, have increased the demand of human resource which have skills to perform operations of freight forwarding, thus, meeting the ever-growing demand of this industry. These competency standards have been design and developed to achieve its objectives of providing appropriate skills. The pass out of these qualifications would be able to:

- Work in small & big companies as Freight forwarding Assistant
- Work in small & big companies as freight forwarding Associate
- Work in small & big companies as Freight forwarding Executive
- Work in small & big companies as Customer Services Executive

Training in the course is based on defined competency standards, which are industry oriented. The traditional role of a trainer changes and shifts towards the facilitation of training. A trainer encourages and assists trainees to learn for themselves. Trainees are likely to work in groups (pairs) and all doing something different. Some are doing practical tasks in the workshop, some writing, some not even in the classroom or workshop but in another part of the building using specialist equipment, working on computers doing research on the Internet or in the library. As trainees learn at different pace they might well be at different stages in their learning, thus learning must be



tailored to suit individual needs. The following facilitation methods (teaching strategies) are generally employed:

- **Direct Instruction Method:** This might be effective when introducing a new topic to a larger group of trainees in a relative short amount of time. In most cases this method relies on one-way communication, hence there are limited opportunities to get feedback on the trainee's understanding.
- **Discussion Method:** This allows trainees to actively participate in sharing knowledge and ideas. It will help the trainer to determine whether trainees understand the content of the topic. On the other hand, there is a possibility of straying off topic under discussion and some trainees dominating others on their views.
- **Small Group Method:** Pairing trainees to help and learn from each other often results in faster knowledge/skill transfer than with the whole class. The physical arrangement of the classroom/workshop and individual assessment may be challenging. Analogy method should be in-corporate.
- **Problem Solving Method:** This is a very popular teaching strategy for the training. Trainees are challenged and are usually highly motivated when they gain new knowledge and skills by solving problems (Contingency skills). Trainees develop critical thinking skills and the ability to adapt to new learning situations (Transfer skills). It might be time consuming and because trainees sometimes work individually, they may not learn all the things that they are expected to learn.
- **Research Method:** This is used for workshops and laboratory tasks, field experiments, and case studies. It encourages trainees to investigate and find answers for themselves and to critically evaluate information. It however requires a lot of time and careful planning of research projects for the trainee.



The detail of the competency standards included in these qualifications is given below:

National Vocational Certificate level 3, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Assistant”

- A. Explore Business Potential
- B. Manage Land Transport
- C. Carryout Packaging/Packing
- D. Ensure Safety/Security

National Vocational Certificate level 4, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Associate”

- A. Manage Warehousing
- B. Execute Distribution
- C. Manage Sea Transport
- D. Manage Air Transport
- E. Perform Customs Clearance
- F. Manage Risks

3. PURPOSE OF THE QUALIFICATIONS

The purpose of these trainings is to provide skilled manpower to improve the existing Freight Forwarding and related industry. This will improve the quality of human resource of Freight Forwarding sector in terms of industry’s acceptability and willingness in Pakistan. The availability of such quality of human resource in the local and international markets will ultimately bring economic benefits to the shipping agents and freight forwarders.

The core purpose of these qualifications is to produce employable freight forwarding & shipping human resource, which could provide aid in functioning of the freight forwarding and shipping companies. In addition, these qualifications will prepare



unemployable youth to employee in industry or work as an entrepreneur. To prepare and train students through skill training and enabling them to earn their living either through employment in industry or self-employment.

4. MAIN OBJECTIVES OF THE QUALIFICATIONS

Freight Forwarding & Shipping Associate qualification consists of theoretical and practical details required for these qualifications. The main objectives of the qualifications are as follows:

- a) Explore Business Potential
- b) Manage Land Transport
- c) Carryout Packaging/Packing
- d) Ensure Safety/Security
- e) Manage Warehousing
- f) Execute Distribution
- g) Manage Sea Transport
- h) Manage Air Transport
- i) Perform Customs Clearance
- j) Manage Risks

5. DATE OF INDUSTRY VALIDATION

The level 3 and 4 of national vocational qualification on Logistics & Supply Chain, Freight Forwarding & Shipping Assistant and Logistics & Supply Chain, Freight Forwarding & Shipping Associate have been validated by the Qualifications Development Committee (QDC) members on 8th and 9th of May 2018 and will remain in currency until December 2021.



6. CODES OF QUALIFICATIONS

The International Standard Classification of Education (ISCED) is a framework for assembling, compiling and analyzing cross-nationally comparable statistics on education and training. ISCED codes for these qualifications are assigned as follows:

ISCED Classification Logistics & Supply Chain –Freight Forwarding & Shipping	
Code	Description
1041FFA1	National Vocational Certificate level 3, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Assistant”
1041FFA2	National Vocational Certificate level 4, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Associate”



7. MEMBERS OF QUALIFICATIONS DEVELOPMENT COMMITTEE

The following members participated in the qualifications development and validation of these qualifications:

Sr. No.	Name	Designation	Organization	Email	Phone No.
1.	Mr. Ahsan Ulhaq Siddiqui	CEO	ANZAAM Private Limited	principal@pti.edu.pk	0345-2475767
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11.	Mr. Fayyaz A. Soomro	Deputy Director – SS&C	NAVTTTC	fayyazasoomro@gmail.com	0333-5499039



Sr. No.	Name	Designation	Organization	Email	Phone No.
12.	Mr. Muhammad Naeem Akhtar	Senior Technical Advisor	GIZ Pakistan	muhammad.akhtar@giz.de	0301-8745030

8. ENTRY REQUIREMENTS

The entry for National Vocational Certificate level 3 and 4, in (Logistics & Supply Chain) – Freight Forwarding & Shipping Assistant and Associate are given below:

Title	Entry requirements
National Vocational Certificate level 3, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Assistant”	Entry for assessment for this qualification is open. However, entry into formal training for this qualification is for the people who have Intermediate with fundamental knowledge of Logistics and Freight forwarding. In addition to this he/she must be computer literate and have knowledge of basic concepts of Freight Forwarding and Supply Chain.
National Vocational Certificate level 4, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Associate”	Entry for assessment for this qualification is open. However, entry into formal training for this qualification is for person having National Vocational Certificate level 3, in (Logistics & Supply Chain) “Freight Forwarding & Shipping Assistant”.



9. REGULATIONS FOR THE QUALIFICATION

General Rules and Regulations	
SEA	<ul style="list-style-type: none"> • The Hague Rules • The Hague Visby Rules • The Hamburg Rules
AIR	<ul style="list-style-type: none"> • The Montreal Convention • The Warsaw Convention
RAIL	<ul style="list-style-type: none"> • COTIF – Convention Concerning Int'l Carriage by Rail
ROAD	<ul style="list-style-type: none"> • CMR – Convention Concerning Int'l Carriage by Road
MULTIMODAL TRANSPORT	<ul style="list-style-type: none"> • UN Convention on Multimodal Transport • UNCTAD/ICC Rules • Rotterdam Rules
INSURANCE	<ul style="list-style-type: none"> • Marine Insurance Act

Rules/Regulations for Dangerous Goods	
SEA	IMDG CODE
AIR	IATA Dangerous Goods Regulations ICAO Technical Instructions
RAIL	RID - The Regulation concerning the International Carriage of Dangerous Goods by Rail
ROAD	ADR - United Nations treaty that governs transnational transport of hazardous materials
INLAND WATERWAYS	ADN - The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways



10. SUMMARY OF COMPETENCY STANDARDS

Code	Competency Standards	Level	Credits	Category
1041FFA1A	Explore Business Potential	3	6	Functional
1041 FFA1B	Manage Land Transport	3	15	Technical
1041 FFA1C	Carryout Packaging/Packing	3	4	Functional
1041 FFA1D	Ensure Safety/Security	3	6	Generic
1041 FFA2A	Manage Warehousing	4	6	Functional
1041 FFA2B	Execute Distribution	4	4	Functional
1041 FFA2C	Manage Sea Transport	4	16	Technical
1041 FFA2D	Manage Air Transport	4	16	Technical
1041 FFA2E	Perform Customs Clearance	4	10	Technical
1041 FFA2F	Manage Risks	4	6	Generic
	Total		89	

Level 3-4 will take Six months' time all together.

11. Packaging of NVQF

The packaging of competencies is given as follows:

Title	Packages of Competency Standards
National Vocational Certificate level 3, in (Logistics & Supply Chain) "Freight Forwarding & Shipping Assistant"	1041FFA1A+1041FFA1B+1041FFA1C + 1041 FFA1D
National Vocational Certificate level 4, in (Logistics & Supply Chain) "Freight Forwarding & Shipping Associate"	1041 FFA2A+1041 FFA2B+1041 FFA2C+ 1041 FFA2D + 1041 FFA2E + 1041 FFA2F



Competency Standard A: Explore Business Potential

Overview: This competency standard covers the skills and knowledge required to identify prospects for sales, prepare profiles of potential customers, qualify prospects for sales according to SOPs, approach qualified target customers for sales, close sales opportunity, execute customer requirement and retain customers.

Competency Units	Performance Criteria
A1- Identify Prospects for sales	<p><i>Trainee will be able to:</i></p> <p>P1.Gather data from electronic media</p> <ul style="list-style-type: none"> • TV • Internet • Social Media, etc. <p>P2.Gather data from Print Media</p> <ul style="list-style-type: none"> • Newspaper • Billboards • Newsletters • Journals • Publications, etc. <p>P3.Compile prospects for sales</p>
A2: Prepare Profiles of potential customers	<p><i>Trainee will be able to:</i></p> <p>P1. Collect Fundamental Contact Information of potential customers</p> <p>P2. Identify need of Services/Product of potential customer</p> <p>P3. Prepare profiles of the potential customers</p>
A3. Qualify Prospects for sales according to SOP	<p><i>Trainee will be able to:</i></p> <p>P1. Evaluate Customer’s buying Behavior</p> <p>P2. Identify service requirements</p> <p>P3. Evaluate in-house/outsource capability</p> <p>P4. Prepare list of qualified target customers</p>



<p>A4. Approach qualified target customers for sales</p>	<p><i>Trainee will be able to:</i></p> <p>P1. Obtain an appointment from target customers</p> <p>P2. Prepare sales strategy for target</p> <p>P3. Execute Sales strategy to target customers as per plan</p> <p>P4. Extract genuine inquiry</p>
<p>A5. Close Sales opportunity</p>	<p><i>Trainee will be able to:</i></p> <p>P1. Interpret customer query's nature</p> <p>P2. Initiate communication to concerned/counterpart for rates</p> <p>P3. Make Proposal/Quotation</p> <p>P4. Review before submission of Proposal/Quotation</p> <p>P5. Submit Proposal / Quotation</p> <p>P6. Accord consent of business from customer</p> <p>P7. Prepare Sales Report</p>
<p>A6. Execute customer requirement</p>	<p><i>Trainee will be able to:</i></p> <p>P1. Align concern departments for service delivery</p> <p>P2. Send routing orders to agents/contractors</p> <p>P3. Execute Service Level Agreements</p> <p>P4. Allocate Hyper-care period for customer</p>
<p>A7. Retain Customer</p>	<p><i>Trainee will be able to:</i></p> <p>Ensure swift execution of business according to SOPs</p> <p>P1. Offer additional competitive services to customers</p> <p>P2. Maintain status sheets</p>



	<p>P3. Communicate Status regularly</p> <p>P4. Follow up for future business</p> <p>P5. Arrange sales promotion activities</p> <p>P6. Maintain Customers/Deals Data</p>
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Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Customer approaching techniques.
2. Trade directories
3. Recording Methods and maintaining Database
4. Explore Digital Media & Print media
5. Methods of gathering prospect buying information
6. Market Intelligence and Basic Business understanding
7. Internal compliances
8. SWOC/SWOT (Strength, Weakness, Opportunity and Challenge / Strength, Weakness, Opportunity and threats) Analysis
9. Basic Sales Strategies and Basic Sales/Presentation Skills
10. Basic Communication Skills
11. Customer's Freight Forwarding Requirements
12. Freight Rates Terminologies
13. Basic Negotiation Skills
14. Incoterms
15. Sales Reporting Method
16. Types of Sales Documentation
17. Service Level Agreement
18. Routing Orders
19. Third Party Logistics (3PL)&Forth Party Logistics (4PL)
20. Hyper care Concepts
21. Basic Customer Relationship Management & Customer Retaining Strategies



Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Prepare list of qualified target customers based on the evaluation of Customer's buying Behaviors
- Prepare and execute Sales strategy to target customers as per plan
- Extract genuine inquiry by approaching qualified target customers for sales
- Execute Service Level Agreements as per customer requirements

Important points

- Freight Rates Terminologies and updated rates
- Basic concept of incoterms
- Understand sales promotion strategies
- Consider weaknesses and threads as opportunities
- Execute Service Level Agreements
- Compliance of Customer's Freight Forwarding Requirements



Competency Standard B: Manage Land Transport

Overview: This competency standard covers the skills and knowledge required to receive booking of the shipment from the customer, select Transport Company for shipment, arrange means of transport for shipment, schedule pickup/delivery of shipment, communicate shipment status.

Competency Units	Performance Criteria
<p>B1. Receive booking of shipment from the customer</p>	<p>Trainee will be able to:</p> <p>P1. Receive information about the shipment</p> <ul style="list-style-type: none"> • Type of cargo • Type of shipment • Specification of cargo (volume, weight, dimension) • Pick up/delivery address <p>P2. P2: Acknowledge the booking</p>
<p>B2. Select Transport Company for shipment</p>	<p>Trainee will be able to:</p> <p>P1. Compile vendors according to customer requirements & cargo pick up location/delivery address.</p> <p>P2. Select Transport Company according to:</p> <ul style="list-style-type: none"> • Trucking Time • Transportation Rates • Service – Direct/In-direct • Strong regions/cities <p>P3. Receive forwarding note from customer</p> <p>P4. Place booking with Transport Company</p> <p>P5. Receive booking confirmation</p> <p>P6. Inform booking details to the customer</p>
<p>B3. Arrange means of transport for shipment</p>	<p>Trainee will be able to:</p>



	<p>P1. Select means of transport according to the classification & specification of the cargo.</p> <p>P2. Comply with Health Safety Environment (HSE) requirement.</p> <p>P3. Communicate cargo handling instructions to Transport Company</p>
B4. Schedule pickup/delivery of shipment	<p><i>Trainee will be able to:</i></p> <p>P1. Prepare loading/unloading plan</p> <p>P2. Arrange equipment as per loading/unloading plan</p> <p>P3. Select route plan for the cargo</p> <p>P4. Coordinate shipment pickup from Customer/vendor/transporter/port</p> <p>P5. Ensure loading/unloading compliance</p> <p>P6. Ensure timely delivery of the cargo</p> <p>P7. Issue Consignment Note</p> <p>P8. Arrange necessary documents to carrier/transporter</p>
B5. Communicate shipment status to customer / counterparts	<p><i>Trainee will be able to:</i></p> <p>P1. Track the shipment from pickup to delivery.</p> <p>P2. Communicate status of the shipment to the customer</p> <p>P3. Inform customer to make necessary arrangements prior arrival of cargo at destination.</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Modes of cargo and their basic Packing standards
2. FTL/ LTL – Full Truck Load /Less then Truck Load
3. FCL/FCL – Full Container Load / Less then Container Load



4. Out of gauge (OOG) cargo/special cargo
5. Traffic rules/ road conditions
6. Different vendors offering service on the desired sectors/regions/areas.
7. Transport routes/geography
8. Consolidation/truck/ vehicle schedules
9. Norms of national trucking business
10. types of vehicles, trailers and containers
11. Health Safety Environment regarding Transportation
12. National Highway rules & regulations
13. Types of rolling stock
14. The basic packing standards
15. Document used such as bill T (Transport Receipt).
16. Loading/Unloading Equipment
17. Loading/Unloading Plan, Strategy & Compliance
18. Issuance of bill T (Transport Receipt)
19. Loading/unloading off dock terminals
20. Online tracking applications
21. Methods to convey the updated status to customer
22. Pre-alert documents (Notice of Arrival, Shipment Invoice)

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Prepare list of transport companies with reference to customer's carrier booking.
- Select means of transport according to specification of the customer's shipment.
- Prepare & execute the loading & unloading plan according to the customer shipments



Important points

- Classification or Types of Cargo/Shipment
- Geography and Land Routes
- Means of Transport
- Loading & Unloading Plan



Competency Standard C: Carryout Packaging/Packing

Overview: This competency standard covers the skills and knowledge required to identify packaging requirement, arrange packing material according to customer requirements, pack goods as per SOPs, apply marking on the packaging, and apply labelling as per standards.

Competency Units	Performance Criteria
C1. Identify packaging requirement	<p><i>Trainee will be able to:</i></p> <p>P1. Identify the types of goods</p> <p>P2. Identify the required mode of transport</p> <p>P3. Identify the packaging according to mode of transport</p>
C2. Arrange packing material according to customer requirements	<p><i>Trainee will be able to:</i></p> <p>P1. Identify the supplier of packing material</p> <p>P2. Request a quote from the supplier</p> <p>P3. Calculate cost of packaging</p> <p>P4. Quote cost of packaging to customer for approval</p> <p>P5. Arrange packing material selected by customer</p>
C3. Pack goods as per defined customers instructions	<p><i>Trainee will be able to:</i></p> <p>P1. Identify equipment used in packing</p> <p>P2. Arrange equipment for cargo packing</p> <p>P3. Maintain standards of packaging/packing</p> <p>P4. Ensure compliance with customer's special</p> <p>P5. Arrange Fumigation as per shipment requirement</p>
C4. Apply marking on packaging	<p><i>Trainee will be able to:</i></p> <p>P1. Acquire marking guideline from customer</p> <p>P2. Supervise placement of marking as per customer's instructions</p>



C5. Apply labelling as per standards	<i>Trainee will be able to:</i> P1. Identify the mandatory labels with respect to the goods. P2. Request Labels from customer P3. Request labelling instructions from customer P4. Supervise labelling on the packaged goods as per Standards
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Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Classification of goods
2. Classes of Dangerous Goods (DG)
3. Types of packaging
4. Packaging standards for different modes of transport
5. Supplier Evaluation Methods
6. Types of Payments
7. Storage standards of packing material
8. Prerequisites of packaging for goods
9. Standard equipment used for packing
10. Norms of packaging
11. Process of packaging
12. Packing standards for the required means of transport
13. Packing standards for different types of goods/cargoes
14. Special instructions supplied by customer
15. Marking standards
16. Placement/positioning of markings on the goods
17. Labelling standards
18. Placement/positioning of Labels on the goods



Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Apply packaging to the box as per assessors instructions
- Calculate cost for the packaging of cargo as desired by assessor
- Apply required labelling to the cargo box as describe by assessor

Important points

- Packaging requirements for modes of transports
- Classifications of Goods and Dangerous Goods
- Packaging Standards of goods
- Labeling & Marking standards



Competency Standard D: Ensure Goods Safety and Security

Overview: This competency standard covers the skills and knowledge required to identify safety/security concerns, take preventive measures, perform security/safety audit.

Competency Units	Performance Criteria
D1. Identify Safety/Security concerns	<p>Trainee will be able to:</p> <p>P1. Identify commercial threats.</p> <p>P2. Identify physical threats for the goods.</p> <p>P3. List down safety/security risks.</p>
D2. Take preventive Measures	<p>Trainee will be able to:</p> <p>P1. List Safety/Security preventive measures</p> <p>P2. Select Safety/Security preventive measures as per safety/security risks</p> <p>P3. Follow safety/security precautionary measure to mitigate risks.</p>
D3. Perform Security/Safety Audit	<p>Trainee will be able to:</p> <p>P1. Prepare safety/security audit checklist.</p> <p>P2. Identify non-compliance from the audit checklist</p> <p>P3. Prepare plan to address non-compliance points</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:



1. Understanding definitions of Safety and Security.
2. Knowledge of Safety and Security risks.
3. Knowing of Domestic and International Programs (e.g. DGR, VGM, AMS, ISF, SOLAS, AFR etc.)
4. Safety & Security Terminologies.
5. Domestic / International Regulations
6. Dangerous Goods Regulations
7. Company Policies on Customer Profiling
8. Domestic/International Regulations
9. Safety/Security Program
10. Content of Audit Check List
11. Processes of Security/Safety Audit
12. Types of Audit Plan
13. Types of Audit Check List
14. Methods of safety & security auditing

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Select Safety/Security preventive measures to mitigate risks as per identified safety/security risks on assigned tasks
- Perform security/Safety audits on assigned tasks by the assessor according to the audit plan and provided check list

Important points

- Domestic and International Security & safety Programs
- Safety & Security Definitions & Risk



Competency Standard E: Manage Warehousing

Overview: This competency standard covers the skills and knowledge required to receive goods from the customer, verify items as per documents, inspect received package condition, prepare warehousing documents, allocate storage area for received goods, perform material handling, manage inventory levels and coordination with manufacturer or customer.

Competency Units	Performance Criteria
E1. Receive goods from the customer	<p><i>Trainee will be able to:</i></p> <p>P1. Check the actual consignment with received information</p> <p>P2. Check receiving as per SOP</p>
E2. Verify items as per documents	<p><i>Trainee will be able to:</i></p> <p>P1. Verify cargo with packing list/other documents</p> <p>P2. Inform the management about accuracy/discrepancy of shipment</p> <p>P3. Prepare receipt note for the shipment</p>
E3. Inspect received package condition	<p><i>Trainee will be able to:</i></p> <p>P1. Inspect received package condition</p> <p>P2. Communicate to packing conditions of the shipment</p> <p>P3. Prepare cargo inspection report</p>
E4. Prepare log sheet for general maintenance	<p><i>Trainee will be able to:</i></p> <p>P1. Prepare tally sheet</p> <p>P2. Prepare receipt</p> <p>P3. Prepare discrepancy report</p> <p>P4. Record vehicle reporting time</p>



E5. Allocate storage area for received goods	<i>Trainee will be able to:</i> P1. Find Available location for shipment in the warehouse P2. Select suitable available location for shipment P3. Allocate store location to the consignment
E6. Perform material handling	<i>The trainee will be able to:</i> P1. Identify material handling equipment as per cargo requirement P2. Arrange material handling equipment required for handling cargo P3. Supervise handling of consignment as per standard P4. Monitor stacking of goods as per standard
E7. Manage inventory levels	<i>The trainee will be able to:</i> P1. Understand the storage capacity of the warehouse P2. Follow up with the customers for in/out of stock/cargo P3. Prepare daily reports of inventory
E8. Manage coordination with manufacturer or Customer	<i>The trainee will be able to:</i> P1. Comply with customer's requirements P2. Demonstrate adequate knowledge of customer's cargo P3. Arrange one-to-one meeting

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:



1. Cargo details in terms of its total packaging specifications
2. About contents of loading program/Container Release Order (CRO)/Shipping Order (SO).
3. Cargo receiving/stacking/storing knowledge and handling abnormal cargo
4. Verification/tally process & methods of sorting the cargo
5. The marking standards of the cargo
6. Packaging & Labelling of cargo
7. Reporting guideline and daily receiving report
8. Inspection Reports and documentation preparation as per SOP
9. Cargo dynamics to prepare receipts
10. Reporting requirements as per company policy / Discrepancy Report
11. Vehicle Reporting Time Reports and Warehouse Reports
12. Warehouse documentation & Warehouse space management
13. Norms of Space allocation
14. Environment/temperature control for special cargo
15. Requirements of Cargo for warehousing
16. Adequate requirement of the workforce and material handling equipment
17. Utilization of docks
18. Types of Material Handling equipment
19. Warehouse management system & reporting requirements for customers
20. Inventory reporting requirements and Key Performing Indicators (KPIs)
21. Knowledge of distribution channels

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Prepare Cargo Receipt Note to verify the accuracy of shipment as per customers documents
- Prepare tally sheets, discrepancy reports and vehicle reporting time to manage the log sheet of general maintenance.



Important points

- Warehouse Operations
- Warehouse Functions
- Warehousing Strategies
- Documents involve in warehousing
- Warehouse cube utilization



Competency Standard F: Execute Distribution

Overview: This competency standard covers the skills and knowledge required to review dispatch order of the goods, prepare order according to dispatch order, and dispatch the prepared order.

Competency Units	Performance Criteria
F1: Review dispatch order of the goods	<i>Trainee will be able to:</i> P1. Check Inventory in warehouse P2. Locate Inventory in warehouse P3. Evaluate transportation required for movement of goods P4. Evaluate equipment/labor requirement for movement of goods
F2: Prepare order according to dispatch order	<i>Trainee will be able to:</i> P1. Locate required inventory physically P2. Pick up goods as per order P3. Consolidate goods as per order
F3: Dispatch the prepared order	<i>Trainee will be able to:</i> P1. Arrange means of dispatch of order P2. Tally prepared order with customer order note P3. Make arrangement for loading of order P4. Prepare documentation of order P5. Collect proof of delivery (POD)

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Dispatch Documents
2. Dispatch Documentation procedure



3. Dispatching guideline
4. Alternative arrangements for proper material handling equipment
5. Available resources for dispatch
6. Requirement of labour
7. Requirement of material handling equipment
8. Time required to execute the dispatch
9. Order Consolidation Strategies
10. Authority of the receiver/transporter
11. Importance of timely loading/delivery of cargo
12. Importance of ground check once the cargo is loaded
13. Importance of various document submission requirements / record purpose
14. Dispatch Documentation
15. Execution Strategies

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Prepare dispatch order as per assessor's requirements to execute distribution of instructed items.

Important points

- Dispatch Guidelines and Its documentation procedure
- Order Consolidation Strategies
- Dispatch & Delivery execution strategies



Competency Standard G: Manage Sea Transport

Overview: This competency standard covers the skills and knowledge required to receive booking of shipment from the customer, select shipping line (Performing Carrier) for shipment, receive shipment at port terminal, prepare shipping documents of consignment, and communicates shipment status to customers/counterparts.

Competency Units	Performance Criteria
<p>G1. Receive booking of shipment from the customer</p>	<p>Trainee will be able to:</p> <p>P1. Receive information about the shipment including</p> <ul style="list-style-type: none"> • Type of cargo • Type of shipment • Specification of cargo (volume, weight, dimension) • Pick up/delivery address <p>P2. Acknowledge the booking</p> <p>P3. Prepare booking sheet</p> <p>P4. Keep records of bookings</p>
<p>G2. Select Shipping Line (Performing Carrier) for shipment</p>	<p>Trainee will be able to:</p> <p>P1. Compile list of Shipping Lines according to customer's requirements & cargo origin/destination</p> <p>P2. Shortlist Shipping line according to:</p> <ul style="list-style-type: none"> • Vessel schedule • Freight Rates • Strong regions/sectors/areas served <p>P3. Place booking with Shipping Line</p> <p>P4. Received Container release order (CRO)/loading program (LP) from shipping line</p> <p>P5. Inform booking details to the customer</p>
<p>G3. : Receive Shipment at Port Terminal</p>	<p>Trainee will be able to:</p>



	<p>P1. Follow up shipment gate in status</p> <p>P2. Check shipment release status</p> <p>P3. Follow up shipment till sailing</p>
<p>G4. Prepare shipping documents of consignment</p>	<p>Trainee will be able to:</p> <p>P1. Prepare Bill of Lading(B/L) as per Shipping Instructions (SI)</p> <p>P2. Send draft B/L for customer's approval</p> <p>P3. Request the customer for bank documents as per State Bank of Pakistan (SBP) regulations</p> <p>P4. Submit received documents from customer to carrier/shipping line for B/L collection</p> <p>P5. Issue B/L to customer</p>
<p>G5. Communicate shipment status to customer / counterparts</p>	<p>Trainee will be able to:</p> <p>P1. Prepare Pre-alert docs</p> <p>P2. Send pre-alert docs to overseas destination offices</p> <p>P3. Track the shipment from origin to destination.</p> <p>P4. Communicate status of the shipment to the customer</p> <p>P5. Inform customer to make necessary arrangements prior arrival of cargo at destination</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Classification/ types & Specification of cargo
2. Packing standards
3. Pick-up Point and acknowledgement Methods



4. Recording Methods
5. LCL – Loose Cargo & FCL – Full Container Load
6. Different vendors offering service on the desired sectors/ regions/ areas.
7. Global shipping routes/ geography
8. Consolidation/ vessel schedules
9. Carrier Web portal Knowledge and Terminals/(Container Freight Station (CFS) web portals
10. Name & Locations of Container Freight Station (CFS) and Ports/Terminal
11. Names and locations Dry Ports
12. Types of Bills of Lading and State Bank of Pakistan (SBP) regulations concerning issuance of Bill of Lading
13. International compliance of BL – UCP 600 (ICC)
14. Commercial Invoice & Packing List
15. E-Form, N.O.C, L/C, etc.
16. Foreign Exchange Manuals
17. Online tracking applications
18. Pre-alert documents (Notice of Arrival, Shipment Invoice)

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Receive booking and select shipping line as per the cargo shipment
- Prepare Bill of Lading as per shipping instructions
- Prepare and send pre- alert documents to concern counterparts

Important points

- Global shipping routes/Geography
- Consolidation/Vessel schedules
- Name & Locations of Container Freight Station (CFS)
- Names & Locations of Ports/Terminal



- Names and locations Dry Ports
- Types of Bills of Lading
- State Bank of Pakistan (SBP) regulations



Competency Standard H: Manage Air Transport

Overview: This competency standard covers the skills and knowledge required to receive booking air shipment from the customer, select airline for the shipment, receive shipment at cargo terminal, prepare air shipping documents of consignment, communicate air shipment status, prepare sales report for airline.

Competency Units	Performance Criteria
<p>H1. Receive booking of Air shipment from the customer</p>	<p><i>Trainee will be able to:</i></p> <p>P1. Receive shipment information from customer including:</p> <ul style="list-style-type: none"> • Type of cargo • Type of required loading unit • Type of shipment • Specification of cargo (volume, weight, dimension) <p>P2. Validate rates</p> <p>P3. Acknowledge the booking</p>
<p>H2. Select Airline for Air shipment.</p>	<p><i>Trainee will be able to:</i></p> <p>P1. Compile Airline list according to customer requirements & cargo origin/destination</p> <p>P2. Select -Airline according to:</p> <ul style="list-style-type: none"> • Transit Time • Freight Rates • Service – Direct/In-direct • Strong regions/sectors/areas served <p>P3. Place booking with Airline</p> <p>P4. Receive booking confirmation with flight details</p> <p>P5. Inform booking details to the customer</p>
<p>H3. Receive Shipment at Cargo Terminal</p>	<p><i>Trainee will be able to:</i></p>



	<p>P1. Check packaging conditions of the cargo</p> <p>P2. Arrange weighting of cargo</p> <p>P3. Arrange measurement of cargo</p> <p>P4. Calculate chargeable weight</p> <p>P5. Follow up till customs release</p> <p>P6. Submit custom release document to Airline for cargo acceptance</p> <p>P7. Report chargeable weight, gross weight and no. of packages to operations dept.</p>
H4. Prepare air shipping documents of consignment	<p>Trainee will be able to:</p> <p>P1. Prepare Airway bill as per Shipper/consignee Instructions (SI) provided by the customer.</p> <p>P2. Prepare cargo manifest</p> <p>P3. Submit documents to airline</p> <p>P4. Ensure provision of Commercial Invoice, Packing List, L/C if required, from the customer</p> <p>P5. Share AWB draft to customer</p> <p>P6. Received Approved AWB from customer</p> <p>P7. Prepare freight invoices for customer</p>
H5. Communicate air shipment status to customer / counterparts.	<p>Trainee will be able to:</p> <p>P1. Track the shipment from origin to destination</p> <p>P2. Prepare Pre-alert docs</p> <p>P3. Send pre-alert docs to overseas destination offices</p> <p>P4. Communicate status of the shipment to the customer</p> <p>P5. Inform customer to make necessary arrangements prior arrival of cargo at destination</p>
H6. Prepare Sales Report for airline.	<p>Trainee will be able to:</p> <p>P1. Prepare Sales Report for airline record</p> <p>P2. Submit Sales Report for airline record</p>



Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Classification of cargo/ weight slab
2. Packing standards
3. Air Cargo Standard
4. Full Charter Standard
5. IATA TACT Rules and Rates
6. International Organizations' rules & regulation
7. National Organizations' rules & regulations (Civil Aviation's)
8. Type of Air Crafts and their handling Instructions
9. Different vendors offering service on the desired sectors/regions/areas.
10. Global Air routes/geography and schedule of Airline
11. Consolidation Planning
12. Calculation Chargeable Weight
13. Measurement Calculation Formulas and Technique
14. Calculation of volumetric weight
15. Different types of Airway bills/ House Air way bill
16. International compliance of air way bill (AWB) and State Bank of Pakistan (SBP) regulations concerning issuance of Airway bill
17. Types and terms of manifest for air shipment
18. Process of Import Manifestation & Deconsolidation

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Receive booking and select airline as per the cargo shipment
- Calculate & Report chargeable weight, gross weight and no. of packages to operations dept.
- Prepare Airway Bill as per shipping instructions for assigned shipment



Important points

- Classification of cargo
- IATA Tact Manuals
- National & International civil aviation rules & regulations
- Global Air routes/geography
- Calculation Chargeable Weight
- Measurement Calculation Formulas
- Types of Airway bills



Competency Standard I: Perform Custom Clearance

Overview: This competency standard covers the skills and knowledge required for shipments (inbound/outbound), Request documentation of goods for customs clearance, assess documentation of shipments, Generate E/I Forms for shipment, Prepare goods declaration, Execute Customs Clearance operations of the shipment, Arrange delivery of cleared goods.

Competency Units	Performance Criteria
I1. Identify types of shipments (inbound/outbound)	<p>Trainee will be able to:</p> <p>P1. Collect shipment information/query</p> <p>P2. Identify type of shipment</p> <p>P3. Check customer's registration in customs (WeBOC)</p>
I2. Request documentation of goods for customs clearance.	<p>Trainee will be able to:</p> <p>P1. Make a formal request for documentation</p> <p>P2. Ensure required documents are received as per shipment</p> <p>P3. Arrange documents from third party</p>
I3. Assess documentation of shipments	<p>Trainee will be able to:</p> <p>P1. Verify contents of packing list with B/L</p> <p>P2. Check contents of invoice with B/L</p> <p>P3. Check contents of packing list with actual cargo</p> <p>P4. Check content of invoice with actual cargo</p> <p>P5. Check Import General Manifest (IGM) for the Imported Shipment</p> <p>P6. Check shipment arrival</p> <p>P7. Check for Cut off time with respect to Loading program</p>
I4. Generate Export/Import (E/I) Forms for shipment	<p>Trainee will be able to:</p> <p>P1. Check contents of I/E forms with documents</p>



	<p>P2. Generate E/I form on behalf of customer</p> <p>P3. Send generated E/I form to customer for processing.</p>
I5. Prepare goods declaration for shipment	<p>Trainee will be able to:</p> <p>P1. Verify customer business entity information</p> <p>P2. Check authorization of clearing agent in WeBOC system</p> <p>P3. Insert/feed data in WEBOC as per documents received</p> <p>P4. Submit GD to customs</p>
I6. Execute Customs Clearance operations of shipment	<p>Trainee will be able to:</p> <p>P1. Manage applicable duties & taxes payments</p> <p>P2. Manage consignment to pass in custom bonded areas/port</p> <p>P3. Coordinate for examination of cargo</p> <p>P4. Coordinate for assessment of cargo value</p> <p>P5. Manage/submit additional duties/taxes</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:

1. Difference between mode/type of shipment.
2. Process of Registration of Weboc
3. The required documents for inbound cargo like packing list, commercial invoice, B/L, COO, FTA (if any), etc.
4. The required documents of outbound cargo like packing list, Invoice, CRO, etc.
5. Third Party Documents & Procedure
6. Name & Locations of Customs Entry Points



7. Names & Location of Sea Ports, Air ports, terminals and dry ports
8. HS Codes/commodities knowledge
9. Customs Act/rules, Statutory Regulatory Orders (SROs), Customs General Orders (CGOs)
10. Import/export polity and Free Trade Agreements (FTA)
11. Content of E Form & I Form and their Requirement
12. Procedure for arranging E/I Forms
13. Document verification process
14. Complete customs procedures & tariff (PCT)
15. Calculation of duties & taxes
16. Process of customs examination
17. Types of assessment of cargo value
18. Port Clearance Procedures and Customs Clearance Documentations
19. Shipping Line Process and documentations

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Check contents of I/E forms with documents to generate E/I form on behalf of customer for custom clearance process.
- Prepare goods declaration (GD) for shipment as per feed data in WEBOC & as per documents received

Important points

- Export Document Requirement
- Import Document Requirement
- Process of Registration in Weboc
- Weboc Usage
- Customs Documents Requirements & Its process



Competency Standard J: Manage Risks

Overview: This competency standard covers the skills and knowledge required to to identify the liability of service provider, Evaluate Risks involve in shipments, Procure insurance cover for shipment according to risks, Manage claims of the service contracts.

Competency Units	Performance Criteria
J1: Identify liability of service provider	<i>Trainee will be able to:</i> P1. Identify contractual liabilities. P2. Identify liabilities to third party
J2: Evaluate Risks involve in shipments	<i>Trainee will be able to:</i> P1. Identify Risk Exposure. P2. Calculate risk exposure limit.
J3: Procure insurance cover for shipment according to risks	<i>Trainee will be able to:</i> P1. Identify type of Coverage. P2. Identify exclusions in insurance policy P3. List down Insurance Brokers/Company as per required coverage P4. Procure Covers with required limits P5. Assist customer to procure cargo insurance
J4. Manage claims of the service contracts	<i>Trainee will be able to:</i> P1. Check validity of claim. P2. Arrange joint survey with third party surveyor P3. Communicate acceptance/rejection of claims

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard.

This includes the knowledge of:



1. Agents scope of services
2. Agents Contractual Terms
3. Type of Risk Exposure
4. Error and omission
5. Lost and damage
6. Fines and Penalties
7. Cost and expenses
8. Equipment
9. Risk Exposure Calculation
10. Transport Conventions
11. Company Standard Trading Conditions
12. Insurance providers.
13. Types of Policies & Covers.
14. Claim procedures
15. Claim Documents
16. Time Bar Conditions

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Identify risks involve in assigned shipment task by making a list of key factors influence in risk exposure
- Prepare mitigation steps for risks associated with the assigned shipment with suitable insurance covers.

Important points

- Types of Risks
- Risk Management
- Transport Conventions
- Types of policies and its covers
- Insurance Companies and their policies

**COMPLETE LIST OF TOOLS AND EQUIPMENT****List of Tools**

Sr. #	Description	Specifications	Quantity
1.	Pen/Paper/Pencil	Standard	Pen/Pencil – 25 Paper – 25 Rims
2.	Flip Charts	Standard size	300
3.	White Boards	4'x8'	One
4.	File Folders		25
5.	Newsletters	of various trade associations & chambers	15
6.	Newspapers		15
7.	Publication	Members directories of various trade bodies and chambers	15
8.	Packaging tools		
9.	Customer Relationship Management Application (Software)	Any CRM software such as <u>Oracle Sales Cloud</u> , or <u>Zoho CRM</u> , or MS Dynamic CRM	One application with option of multiple users
10.	Pallets	Various types	
11.	Cartons	Different sizes	
12.	The Customs Act 1969	By FBR, GoP, also available at Peti Wala Book Shop	One
13.	Labels	Dangerous Goods & Handling Labels	One set of complete labels
14.	Statutory Regulatory Orders (SROs)	FBR website	



15.	Import & Export Policies	FBR website	
16.	Custom General Orders (CGOs)	FBR website	
17.	Calculator		25
18.	TACT Manuals	By IATA, available online and at IATA TACT online store	One book latest version in original
19.	Dangerous Goods Regulations Manual by International Air Transport Associations (IATA)	By IATA, available for purchase at IATA online store	One book latest version in original
20.	Technical Instructions by International Civil Aviation Organization (ICAO)	By ICAO, can be purchased from ICAO online store	One book latest version in original
21.	Institute Classes		
22.	Warehouse Management System Application	Fishbowl Inventory NetSuite WMS Oracle Warehouse Management Inform Supply Chain Management	One application with option of multiple users
23.	Distribution Management System Application	Same as above	One application with option of multiple users

**List of Equipment**

Sr. #	Description	Specifications	Quantity
1.	Computer with Internet Connectivity	Desktop Computers Processor: Intel i5 6 th or 7 th Generation 2.7 GHz / Turbo Boost up to 3.1 GHz Memory: 4 GB DDR3 Hard Drive: 256 GB SATA 7200 RPM; Optical Drive: DVD-RW; Graphics: Intel Integrated; Casing CMT (Desktop) Miscellaneous: At least 4 USB ports (including 2 ports 3,0), Built-in LAN, WLAN Card, LED Screen Size: 19", Keyboard, mouse	25
2.	Multimedia Projector with Screen		1
3.	Printer/Scanner		1
4.	Presenter		1




List of Personal Protective Equipment

Sr. #	Description	Specifications	Quantity
1.	First AID Box	Standard	2
2.	Fire Extinguisher Cylinder	Co2- 5 Kg	5
3.	Fire Blanket	Standard	2
4.	Fire Bucket	Standard	2
5.	Safety Gloves	Standard	5
6.	safety goggles	White	5
7.	Safety Shoes	Standard	5
8.	Safety Belt	Standard	5

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