

Technical Description

Logistics

Skill 41



1 Skill Overview	3
2 Task Assignment Overview	4
3 Materials and Equipment	6
4 Skill-Specific Requirements	10
5 Assessment Framework	12

1 Skill Overview

1.1 Skill Name and Category

Logistics, Services

1.2 Number of Competitors

This is an individual Skill Competition with one competitor.

1.3 Competition Time

The total competition time is 4 hours and is divided into the following modules:

- Module A: Collecting, Packing and Preparing Goods for Delivery – 2 hours
- Module B: Receiving, Checking and Placing Goods on Warehouse Shelves – 2 hours

1.4 Description of the Skill

Logistics encompasses the efficient management of goods through various stages, including receiving, storage, collection, shipping, inventory control, and forklift operation. Competitors are expected to perform tasks such as organising stock, preparing shipments, and maintaining accurate inventory records while adhering to safety and operational standards. A professional in logistics must also understand the principles of storage economy and how logistical efficiency impacts overall business performance. Basic knowledge of international material distribution and supply chain processes is also essential in this field.

The tasks require basic knowledge of warehouse work. Competitors should be able to collect goods from the warehouse using documents, pack and inspect incoming goods, and locate correct warehouse addresses.

2 Task Assignment Overview

2.1 Task Assignment Description and Familiarisation Session

The Task Assignment is the main competition task used to assess the competitors' skills. It defines what the competitors must complete during the competition and forms the basis for all assessments. The final result is evaluated only on the finished work produced during the official competition time.

A familiarisation session is organised on C-1. During this session, competitors may enter the workshop, see the workspace, check the available tools and materials, and ask questions about procedures or practical arrangements. Competitors are not allowed to practise, start, or rehearse any part of the Task Assignment during this session.

All competitors will receive instructions on the forklift truck used in the competition. During the familiarisation session, competitors may test the functions of the forklift truck. A representative of the forklift truck supplier will also be present during the familiarisation session.

2.2 Task Assignment Structure

The competition takes place in a warehouse environment constructed within the competition area. The same warehouse environment and equipment are used for both modules.

The competition consists of two modules:

Module A: Collecting, Packing and Preparing Goods for Delivery

Competition time: 2 hours.

Competitors retrieve the collection list from a warehouse table from its designated place. Goods must be located and collected efficiently and systematically.

The collected goods must be packed for delivery. An address label and waybill must be attached to the delivery. Packages ready for delivery must then be placed in the designated area.

Module B: Receiving, Checking and Placing Goods on Warehouse Shelves

Competition time: 2 hours.

Competitors inspect incoming goods using delivery note /packing list. The work must be carried out efficiently and systematically.

After the goods have been received and inspected, the items must be placed at their designated warehouse locations.

2.3 Task Assignment Technical Requirements

Competitors are required to demonstrate the following skills and knowledge:

- working safely and efficiently in a warehouse environment;
- locating and collecting goods from warehouse storage locations;
- receiving and inspecting incoming goods;
- placing goods in the correct warehouse locations;
- using warehouse documents such as picking lists and delivery notes
- interpreting sales orders, collection lists and purchase orders;

- packing goods appropriately for delivery;
- using address labels and waybills;
- using warehouse tools, equipment and machinery appropriately;
- operating a forklift truck safely and appropriately;
- organising work efficiently and systematically.

The Task Assignment and module-specific instructions define the exact requirements, including goods, quantities, documentation, warehouse locations, packing requirements, and any task-specific variations or additional elements.

3 Materials and Equipment

3.1 Materials and Equipment Provided by the Competition Organiser

The Organiser provides the materials, tools, and equipment listed below.

Images are for reference only. They do not indicate a specific brand or model unless otherwise stated in the specifications. Quantities are per competitor unless otherwise stated.

Items will be available at the competitor's workstation or in the designated competition area, as appropriate. Where exact brands, models, or task-specific material details are not specified, these may be confirmed before the competition or defined in the Task Assignment, as appropriate.

No.	Equipment / Material	Picture	Specifications	Quantity
01	Forklift			1
02	Forklift truck			1
03	Small parts shelving			1
04	Pallet racking system			1
05	Packing tape dispenser			1
06	Packing tape			1

			
07	Safety cutter		1
08	EUR-pallet		1
09	Warehouse table		1
10	Carton box		1
11	Ballpoint pen		1
12	Hand stretch film		1
13	Hand stretch film dispenser		1
14	Picking cart		1
15	Packing list bag		1

				
16	High-visibility jacket		Suitable for warehouse work. Competitors' clothing sizes will be requested before the competition.	1
17	High-visibility trousers		Suitable for warehouse work. Competitors' clothing sizes will be requested before the competition.	1
18	Safety glasses		Personal protective equipment (PPE)	1
19	Cut-resistant gloves		Personal protective equipment (PPE)	1

3.2 Materials and Equipment Supplied by Competitors

Competitors may bring only the materials, tools, and equipment listed below. Personal tools and equipment must fit within a toolbox or tool case suitable for checked luggage, with a maximum total weight of 23 kg, including the toolbox or case. This requirement does not apply to clothing, footwear, personal protective equipment (PPE), or equipment required due to the competitor's condition or special needs and agreed in advance with the Organiser.

Images are for reference only. They do not indicate a specific brand or model unless the specifications state otherwise. Quantities are per competitor unless otherwise stated.

No.	Equipment / Material	Picture	Specifications	Quantity
01	Safety shoes		Protective toe cap	1 pair
02	High-visibility jacket		Optional. Competitors may bring their own jacket, provided it meets the same safety requirements as the Organiser-provided jacket.	1
03			Optional. Competitors may bring their own trousers,	1

High-visibility
trousers



provided they meet the
same safety requirements
as the Organiser-provided.

04	Safety glasses	Optional. Competitors may bring their own safety glasses.	1
----	-------------------	---	---

3.3 Prohibited Materials and Equipment

Competitors may use only the materials, tools, and equipment listed in Sections 3.1 and 3.2, unless otherwise authorised by the Skill Manager or Chief Judge. This restriction does not apply to clothing, footwear, or personal protective equipment (PPE) required in Section 4.1, or to equipment required due to the competitor's condition or special needs and agreed in advance with the Organiser.

All other materials, tools, and equipment are not permitted.

4 Skill-Specific Requirements

4.1 Skill-Specific Requirements

The Skill-Specific Requirements below apply to this Skill Competition and must be followed in addition to the Abilympics Competition Rules. The Skill Manager or Chief Judge may provide additional instructions, as needed, to ensure the competition is conducted safely and fairly.

Topic	Skill-Specific Requirements
Materials and tools provided by the Organiser	Competitors must check all materials, tools, and equipment provided by the Organiser before the competition begins. If anything is missing, damaged, or defective, competitors must immediately inform the Judges. No replacements will be provided after competition time has commenced, unless authorised by the Judges. Before operating a forklift truck during the competition, competitors must carry out a pre-use safety check. Judges may stop a competitor's work immediately if they consider the work or use of equipment to be unsafe. If equipment provided by the Organiser fails and the failure is confirmed not to have been caused by the competitor, the Chief Judge may grant additional time.
Use of personal tools	Competitors may bring and use only the personal tools, materials, and equipment listed in Section 3.2. This restriction does not apply to equipment required due to the competitor's condition or special needs and agreed in advance with the Organiser.
Personal protective equipment (PPE)	Competitors must bring and wear safety shoes with a protective toe cap. All other required PPE will be provided by the Organiser.
Clothing / Uniform	High-visibility workwear consisting of a jacket and trousers will be provided by the Organiser. Clothing must not display large commercial logos or promotional branding. Small, non-distracting brand marks are permitted.
Sideline coaching	Competitors must remain at their workstations or within the designated competition area during competition time, unless authorised to leave by the Judges. Competitors may not communicate with other competitors or members of the public during competition time. Competitors may communicate with Judges, Interpreters, personal assistants, and other authorised persons when required. The role and permitted involvement of a personal assistant must be agreed in advance with the Organiser based on the competitor's condition or special needs.

Topic	Skill-Specific Requirements
Use of technology	Competitors may not use personal laptops, tablets, mobile phones, smartwatches, or other personal communication or electronic devices during competition time. Competitors must store such devices away and may access them only during the lunch break or at the end of the competition day. This restriction does not apply to devices required due to the competitor's condition or special needs and agreed in advance with the Organiser. Judges and Interpreters may use devices required for their official duties only as agreed by the Skill Manager and the Chief Judge. The Skill Manager and the Chief Judge may use devices required for competition management and will specify any additional restrictions or permitted device use within the competition area.

5 Assessment Framework

5.1 Assessment Principles

All Abilympics Skill Competitions are marked out of 100 points.

Points are divided between criteria that reflect the required skills and expected outcomes.

Two methods of assessment are used:

- **Measurement:** objective, factual scoring (e.g., size, accuracy).
- **Judgement:** expert evaluation of quality, technique, and artistic choices.

5.2 Assessment Areas

Detailed marking criteria and scoring are provided in the Task Assignment.

Assessment focuses on the following key areas:

Assessment Area	Points
Module A: Collecting, Packing and Preparing Goods for Delivery	50
Module B: Receiving, Checking and Placing Received Goods on Warehouse Shelves	50
Total	100