

*Original Paper*

## **Counseling on Transportation Logistics Curriculum Level III Jabodetabek Region**

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### **Abstract**

Logistics transportation manages and provides transportation facilities and infrastructure for smooth logistics distribution. Logistics activities or freight forwarding services refer to the management and distribution of logistics goods obtained from users, stored in logistics warehouses, sorted shipments, and transported and sent to the destination address. Logistics activities have an important role in a business company, but the important role of logistics transportation is also major in distributing goods. This activity aims to produce graduates of experts who are reliable and best in transportation and logistics and have a reputation for ready-to-use labor. The methods used are lectures, discussions, and questions and answers. The implementation of the training activities of the participants was no obstacle in conducting counseling, and the internet connection was not interrupted. In support of infrastructure, facilities are adequate, namely the availability of laptops or personal computers from participants so that all participants can take part in counseling optimally.

Keywords: curriculum, logistics, transportation, counseling

JEL Classification: L62

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## **1. Introduction**

Logistics is a series of efforts that cover the effectiveness of planning, implementation, and supervision of moving goods or services, energy, or other resources, from the starting point to the user point (Triwiyanto, 2015). In the process, logistics activities have certain performance standards that must be achieved. The level of performance that must be achieved in logistics activities is the birth of a balance between the quality of service desired by customers with all costs incurred to reach the company's ultimate goal. Transportation is the movement of people or goods from one place to another using the help of vehicles that can be driven by humans or machines (Salim, 1993).

Logistics transportation is an effort to manage and provide transportation facilities and infrastructure for the smooth distribution of logistics (Wahyudin, 2014). Logistics means planning, implementing, and controlling the physicality of materials and goods to meet the needs of consumers or those in need. Logistics is planning, implementing, and controlling the physical flow of materials and finished goods (Ricky, 2015).

Logistics transportation in the supply chain or *supply chain* is very important. This transportation plays a role in sending goods, from raw materials and components from suppliers to distributing finished goods to distributors (Siahaya, 2013). Good transportation management will improve the product production and distribution process. The fast and precise delivery process also increases consumer confidence because the goods are delivered on schedule and in good condition. Companies need good transportation management to ensure the goods delivery process goes as expected (Kadarisman, 2016).

From the point of origin to the point, the goods are used to meet consumer needs with certain advantages. Logistics activities or goods delivery services refer to the management and distribution of logistics goods obtained from users, stored in the logistics warehouse, sorted for shipment, and transported and sent to the destination address (Wooh, 2011). Logistics activities have an important role in a business company, but the important role of logistics transportation is also the main role in distributing goods.

The legal basis is as follows: 1. Law no. 20 2003 concerning the National Education System, 2. Government Regulation no. 19 of 2005 concerning National Education Standards, 3. Government Regulation No. 32 of 2013 concerning Amendments to Government Regulation No. 19 of 2005 concerning National Education Standards, 4. Presidential Regulation No. 8 of 2012 concerning the Indonesian National Qualification Framework, and 5. Regulation of the Minister of Education and Culture No. 131 of 2014 concerning Competency Standards for Course and Training Graduates.

National Higher Education Standards Based on Permendikbud no. 49/2014, Graduate competency standards are the minimum criteria regarding the qualifications of graduates' abilities, which include attitudes, knowledge, and skills stated in the formulation of graduate learning outcomes used as the main reference. Development of learning content standards, learning process standards, learning assessment standards, lecturer and staff standards education, learning facilities and infrastructure standards, learning management standards, and learning financing standards; referring to the IQF, the formulation of achievements, graduate learning as intended must: a. refers to the description of the learning outcomes of KKNI graduates, and b. have equality with the level of qualifications at the IQF. Each qualification level in the IQF is equivalent to the learning outcomes resulting from education, job training, or work experience.

Equalization of learning outcomes through education with the IQF level. The IQF is an embodiment of the quality and identity of the Indonesian nation concerning the national education system, the national job training system, and the national equality assessment system, which Indonesia owns to produce human resources from learning outcomes, which are owned by every Indonesian worker in creating quality work and contributions in their respective fields of work (Hamalik, 2011).

The IQF drafting team comes from the business/industry world or representatives of similar business/industry groups. The qualifications are determined based on the criteria for the scope of work implementation, skills, and knowledge, ability to process information, responsibilities, and attitudes in carrying out a job. Qualifications in each field of work in the business sector/field are arranged based on the business function and position of the business field.

If a field of work in a sector/business field does not have 9 (nine) qualification levels, then the qualification levels in the field of work concerned can be arranged not in 9 levels and do not have

to start from level 1 (one) and end with level 9 (nine). Each qualification level consists of competency units designated as SKKNI by the Minister of Manpower. Determination of competency units at a qualification level is carried out based on core and optional packaging rules (Komariah, 2020).

Logistics is closely related to logistics transportation. With logistics transportation, the process of distributing goods is smooth. The application of the IQF in each sector or professional field is determined by the ministry or institution in charge of the relevant sector or professional field according to their authority. Further provisions regarding applying the IQF in the path of job training or work experience are regulated through the Regulation of the Minister of Manpower Number 21 of 2014 concerning Guidelines for the Application of the IQF.

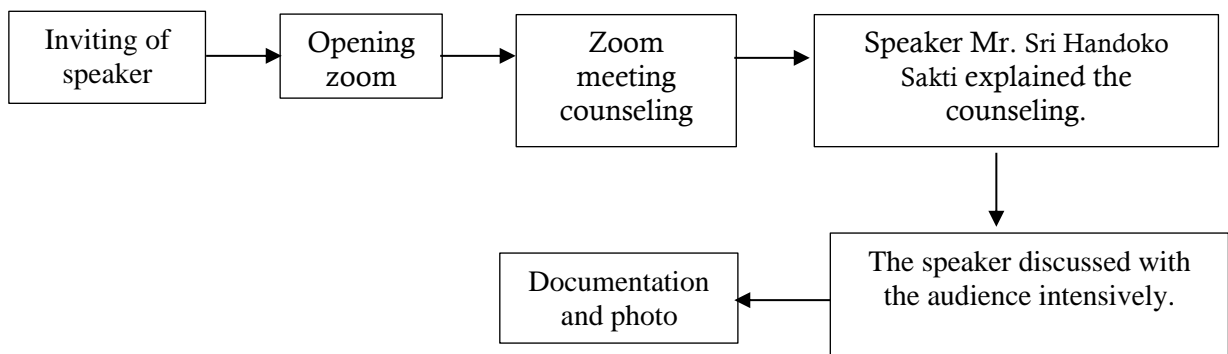
The demand to produce outcome-oriented education for human resources with qualifications following the needs of the industrial world in facing the era of free trade. SKL courses and training are based on IQF as an alternative to education that provides theory and practice to produce a workforce that fits industry needs. Transportation and Logistics strongly support the government's efforts to produce graduates as reliable experts in transportation and logistics and have a global reputation by being ready to produce a ready-to-use workforce (Fathurrochman, 2017)).

Regarding the implementation of the strategic plan: the implementation, it is necessary to pay attention to several things in dealing with competitors in the same industry; of course, we must have differentiation or differences in advantages because many competitors are also trying to seize the labor market in the field of Transportation and Logistics. One of the SKPI requirements in education is the embodiment of the Independent Campus.

This condition encourages the need to carry out a curriculum construction program by procuring experts in curriculum development training. Curriculum reconstruction is done to strengthen new competencies prepared and adapted to science and information technology development dynamics. Competency-Based Curriculum Development (CBC) and IQF aim to achieve competency elements.

## 2. Method

The activity method used in this level III transportation logistics curriculum extension are as follows: 1. Lecture Method; Explanation of Material This method is carried out to explain the material that will be delivered orally about how the transportation logistics curriculum has complete attitudes and values, capabilities, and operational knowledge, general principles and concepts related to a series of tasks processing shipments of export goods and receipts imported goods by using a manual system and software under applicable laws so that the transportation of goods is carried out on time and cost-efficiently. 2. Discussion and Question and Answer Methods; This method aims to discover things from the material that the participants still need help understanding (Rukaesih, 2015).



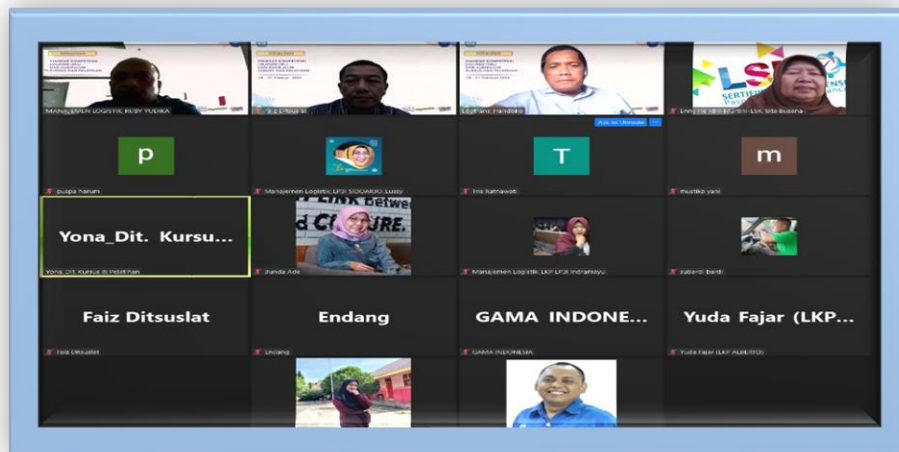
**Picture 1. Flow chart of Counseling Process**

Graduates of the IQF Level III Logistics Transportation course and training program have complete operational attitudes and values, abilities, and knowledge, general principles and concepts related to a series of tasks processing shipments of export goods and receipt of imported goods using manual systems and software following applicable laws so that the transportation of goods is carried out on time and cost-efficiently. Import-Export Logistics Transportation Administration Executive.

The extension team, namely the resource person, discussed in detail the participants' questions to increase the participant's understanding of the training material provided because the participants must have the ability to work and mastery of knowledge in the field of Logistics Transportation. The expected result is that participants can understand the initial concept of logistics transportation to master the provisions and procedures that apply in logistics transportation.

### 3. Results

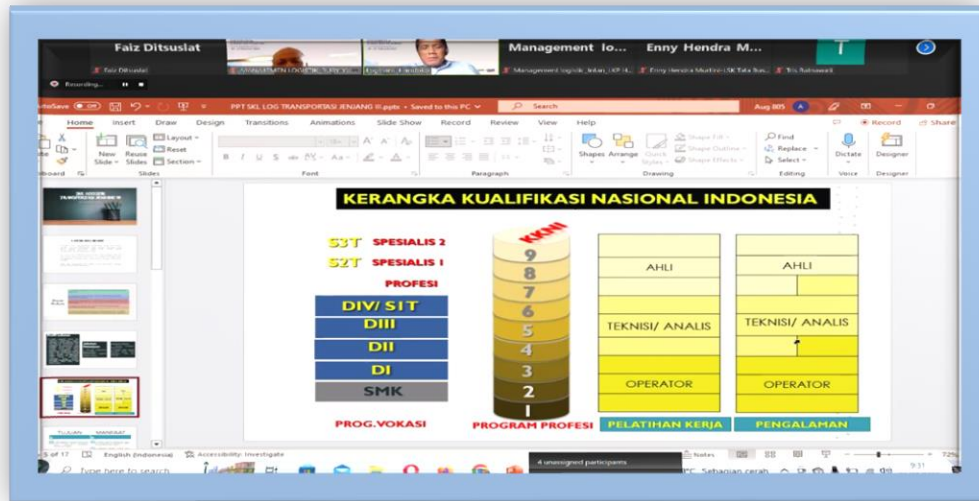
This activity was carried out online through a Zoom meeting assisted by Ginanjar Syamsuar, Bayu Pratama, Irfan Arif Husen, and Rutinaias Haholongan, and there were 32 participants. The activity was opened at 09.00 WIB with guest speaker Sri Handoko Sakti. The first activity introduces logistics transportation and various competency units that are easy for participants to understand. The first activity began by introducing the logistics curriculum for transportation needs in education.



**Picture 2. Photo of the Opening of Transportation Logistics Curriculum Counseling**

In the next activity, the resource person, namely Sri Handoko Sakti, gave an explanation starting from the background, legal basis, graduate profiles, job positions, the Indonesian national qualification framework, objectives and benefits, and units of competence which consist of Preparing modes of transportation, Preparing documents for transporting export goods and import, Organizing the process of loading export and import goods, Collecting complete export-import transport documents, and Completing export-import service billing documents.

The result of the counseling that has been carried out is that participants can understand the initial concept of logistics transportation to master the provisions and procedures that apply to logistics transportation. The supporting facilities and infrastructure are adequate, namely the availability of laptops or personal computers from the participants so that all participants can take part in counseling optimally.



Picture 3. Explanation of Transportation Logistics Curriculum Counseling Materials

#### 4. Discussion and Benefits

Logistics transportation manages and provides transportation facilities and infrastructure for smooth logistics distribution. Logistics means planning, implementing, and controlling the physicality of materials and goods to meet the needs of consumers or those in need. Each qualification level in the IQF is equivalent to the learning outcomes resulting from education, job training, or work experience. Equalization of learning outcomes through education with the IQF level. If a field of work in a sector/business field does not have 9 (nine) qualification levels, then the qualification levels in the field of work concerned can be arranged not in 9 levels and do not have to start from level 1 (one) and end with level 9 (nine).

Graduates of the IQF Level III Logistics Transportation course and training program have complete operational attitudes and values, abilities, and knowledge, general principles and concepts related to a series of tasks processing shipments of export goods and receipt of imported goods using manual systems and software following applicable laws so that the transportation of goods is carried out on time and cost-efficiently.

Each qualification level consists of competency units designated as SKKNI by the Minister of Manpower. Determination of competency units at a qualification level is carried out based on core and optional packaging rules. Things that need to be considered to guarantee that graduates who are ready to work can be directly placed in the sectors of Transportation and Logistics companies.

With the Global Era facing various challenges, there are opportunities. Many challenges will be faced in terms of external factors considering the current conditions are experiencing rapid changes with the sophistication of technology and information, so you have to work hard in facing challenges. A good system is supported by human resources, which will get good results.

An integrated system will make parsing the problems encountered and adjusting the curriculum easier. The world of education is starting to build links with the world of work/respond to the world of work so that graduates are produced under the demands of the world of work. The demand to produce outcome-oriented education for human resources with qualifications following the needs of the industrial world in facing the era of free trade. SKL courses and training are based on IQF as an alternative to education that provides theory and practice to produce a workforce that fits industry needs. One of the SKPI requirements in education is the embodiment of the Independent Campus.

In the presentation of the material provided by Sri Handoko Sakti, there are competency units as follows: Preparing modes of transportation, namely: verifying documents for shipping orders (Shipping Instructions) for export goods and lists of cargo for imported goods (*Inward Manifest*),



booking space for exported goods to sea transportation companies/air, entering data on ship arrival news (*Notice of Arrival*) to importers, and arranging loading and unloading of export and import goods in the warehouse.

Prepare export and import goods transport documents, namely: collect export and import goods transport documents, submit PEB/PIB documents through the Indonesia National Single Window (INSW) system, enter export-import D/O (Delivery Order) data, and book *trucks* for collection and return of empty containers at the depot.

Organizing the process of loading export and import goods, namely: selecting the transport fleet according to the type, shape, and capacity of the export-import goods, checking the completeness of the truck transportation mode documents, stuffing the export goods into containers at the goods owner's warehouse, removing containers of imported goods from ports, and monitoring the position of the truck transportation fleet.

Gather complete documents for export-import transportation: drafting a Bill of Lading and printing the Original Bill of Lading. Completing export-import service billing documents, namely: collecting export and import documents that have been validated by the relevant agency and preparing export-import service billing documents to the owner of the goods. The extension team, namely the resource person, discussed in detail the participants' questions to increase the participant's understanding of the training material provided because participants must be able to work and master knowledge in logistics transportation.

## 5. Conclusion

Logistics transportation manages and provides transportation facilities and infrastructure for smooth logistics distribution. Logistics is closely related to logistics transportation. With logistics transportation, the process of distributing goods is smooth. Qualification levels consist of competency units designated as SKKNI by the Minister of Manpower. Competency units are determined at a qualification level based on the core packaging rules and options. The implementation of the IQF in each sector or professional field is determined by the ministry or institution in charge of the sector or professional field concerned according to their authority.

From the results of the counseling that has been carried out, everything has gone smoothly according to the set time. The participants were happy and satisfied with the material presented by the resource person, Sri Handoko Sakti, and they easily practiced it. The participants thought that the material presented was very useful for them in the future.

## Recommendation

Suggestions for the next activity are to make face-to-face activities so that the resource person can easily provide directions and make it easier for participants to understand.

## Acknowledgment

Thank you to the implementing team for providing the Transportation Logistics Curriculum material. This event was held to broaden the participant's knowledge of the level III transportation logistics outreach webinar. Thank you to all participants for participating and taking the time to participate in counseling activities.

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