

# Study on the Importance of Grain and Oil Inspection in Supervising the Safety of Grain, Oil and Food

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**Abstract:** In order to explore the importance of grain and oil inspection in the supervision of grain, oil and food safety, this paper analyzes the role of grain and oil inspection in ensuring people's health and the overall quality of the food industry in the supervision of grain, oil and food safety by studying the shortcomings of grain and oil inspection, and proposes to strengthen the professional ability of staff, clarify the responsibilities of inspection and supervision according to the shortcomings of grain and oil inspection at this stage and other solutions, so as to promote the inspection of grain and oil to play an important role in the supervision of grain, oil and food safety.

## 1. Introduction

Food security concerns the national economy and the people's livelihood. Since the 18th CPC National Congress, President Xi has repeatedly stressed that ensuring food security should always be placed in an important strategic position and we should thoroughly implement the national food security strategy, further strengthen the construction of grain production, reserve and circulation capacity, and promote the high-quality development of the grain industry. On this basis, the implementation of grain and oil inspection can effectively supervise the safety of grain, oil and food, and improve the food security capacity.

## 2. Deficiencies in Grain and Oil Inspection

### 2.1 Incomplete Temporary Spot Check

Grain, oil and food need to be spot checked before entering the market, which is to improve the safety of grain and oil inspection, but the temporary spot check system of grain and oil inspection at this stage is not perfect<sup>[1]</sup>. On the one hand, some enterprises did not carry out temporary grain spot checks in accordance with relevant national requirements. Due to their lack of attention to the grain and oil inspection, some enterprises did not cooperate with the relevant departments during the temporary sampling inspection, resulting in certain loopholes in the temporary sampling inspection. On the other hand, in order to improve the passing rate of the grain and oil inspection of some enterprises, they provide the grain and oil inspection departments with the grain and oil food that had passed the inspection during the temporary sampling inspection, resulting in the lack of certain pertinence, authenticity and representativeness of the temporary sampling inspection.

### 2.2 The Supervision Staff Did Not Assume Responsibility

In the inspection of grain and oil, some inspection and supervision staff did not take the corresponding responsibility, and the professional quality of inspection staff needs to be improved<sup>[2]</sup>. On the one hand, some supervision staff have insufficient understanding of the grain and oil inspection work, which leads to that some staff are not fully involved in the work of grain and oil, do not define their own functions, and cannot assume their own responsibilities. On the other hand, there are few staff with professional inspection quality. In the grain and oil inspection work, some staff do not have relevant professional quality, so they cannot give targeted help to inspectors, resulting in low efficiency of inspectors.

### **2.3 Lack of Perfect Grain and Oil Inspection System**

A perfect grain and oil inspection system is an important prerequisite to improve the grain and oil detection work, but a perfect detection system has not been formed in the grain and oil detection work at this stage <sup>[3]</sup>. On the one hand, some grain and oil inspection units did not form a standardized and scientific work process, which led to that the inspection personnel could not work according to the scientific process, and even some grain and oil inspection personnel needed to analyze and judge according to their own experience. On the other hand, the grain and oil inspection unit has not formed a perfect supervision system, which leads to the lack of certain binding force for the staff when conducting grain and oil inspection. Some staff are not restricted by the supervision mechanism, so there is a perfunctory situation in their work.

## **3. Importance of Grain and Oil Inspection in Supervision of Grain, Oil and Food Safety**

### **3.1 Help to Ensure People's Health**

The systematic and scientific inspection of grain, oil and food is conducive to ensuring people's health and promoting social stability in the supervision of grain, oil and food safety. On the one hand, grain and oil inspection is a line of defense to ensure people's physical safety <sup>[4]</sup>. The grain and oil inspection needs to detect the nutrition, smell, taste and other contents of the grain and oil food. The grain and oil food that has passed the inspection and the composite health and safety standards can be circulated in the market, which is conducive to ensuring people's food safety. On the other hand, the inspection of grain, oil and food is more complicated and the inspection content is more complicated, so the grain, oil and food passing the inspection can ensure their safety to a certain extent. This kind of food is conducive to maintaining social stability and avoiding social problems in the circulation process.

### **3.2 Help to Improve the Food Hygiene Processing Process**

The inspection and supervision of grain and oil can play a role in improving the grain, oil and food processing process of grain, oil and food production enterprises <sup>[5]</sup>. According to the requirements for food hygiene and safety, staff need to wear one-piece sterilized clothes when carrying out food hygiene processing to ensure that the grain, oil and food production workshop is in a sterile environment, and during the production process, staff should avoid contamination of food, so food that can pass the inspection and supervision of grain and oil is safer, and the processing process is more scientific. In addition, with the progress of science and technology, all kinds of information processing tools are gradually applied to the food processing and production process, which can effectively reduce the food pollution caused by human factors and ensure the scientific and rational food hygiene processing process.

### **3.3 Help to Ensure the Overall Quality of the Food Industry**

Grain and oil inspection can effectively guarantee the overall quality of the food industry <sup>[6]</sup>. On the one hand, the quality of the staff is highly required for the grain and oil inspection work. With the continuous deepening of the grain and oil inspection work, the staff constantly improve their professional skills, which is conducive to improving the accuracy of the grain and oil inspection work and promoting the further development of the grain and oil inspection work. On the other hand, with the normalization of grain and oil inspection, all grain and food industries need to conduct grain and oil inspection, which is conducive to ensuring food safety in the food industry. In addition, in the process of grain and oil inspection, enterprises can find their own quality problems of grain, oil and food, and continue to improve in combination with the actual situation.

### **3.4 Help to Improve the Social Benefits of Enterprises**

With the continuous deepening of grain and oil inspection, enterprises can win social benefits and highlight their responsibilities and missions in the process of accepting grain and oil inspection and supervision <sup>[7]</sup>. On the one hand, carrying out grain and oil inspection can effectively improve

the safety and quality of grain, oil and food, help enterprises grasp the quality of grain, oil and food safety, help enterprises occupy a favorable position in the fierce market competition, and promote the improvement of social benefits of enterprises. On the other hand, enterprises actively accept the inspection of grain and oil, which can establish a good social image for enterprises. At the same time, they can play a leading role in promoting other grain and oil enterprises to actively carry out the inspection of grain and oil, and ensure the safety of grain, oil and food circulating in the market.

## **4. Strategies to Improve Grain and Oil Inspection in Supervision of Grain and Oil Food Safety**

### **4.1 Consolidate the Professional Competence of Staff**

As an important technical means, grain and oil inspection has high requirements on the professional quality of staff, so if you want to improve the quality of grain and oil inspection, you need to strengthen the professional ability of staff<sup>[8]</sup>. On the one hand, we should pay attention to the training of staff's safety awareness. Through regular training, staff should have the safety awareness of grain, oil and food safety, be able to conduct inspection and supervision in strict accordance with standard procedures, and be able to detect pests, diseases, microorganisms and other harmful substances to ensure the safety of grain, oil and food storage. On the other hand, we should attach importance to the training of professional skills of staff. We should not only cultivate the staff's ability to operate the information system, but also cultivate the staff's ability to actually operate and use the inspection tools. The staff should master the operating points of the inspection equipment, and be able to conduct regular maintenance of the inspection equipment to ensure the smooth operation of the inspection equipment.

### **4.2 Specify Inspection and Supervision Responsibilities**

On the one hand, staff should be clear about their responsibilities. In the detection work, the staff should strengthen the scientificity and standardization of the detection work according to their own responsibilities, be able to clearly grasp the relevant content of the food quality and safety standards, and be able to carry out the work according to the standard content in the actual work, so as to ensure the safety of grain, oil and food from the root. On the other hand, we should improve the inspection and supervision system of grain and oil. The staff shall ensure that the working process of grain and oil inspection is clear, and carry out systematic supervision to improve the supervision execution. During the supervision, the staff shall record the working process of the inspectors in detail and take it as one of the subsequent assessment standards, so that the inspectors can improve their sense of responsibility.

### **4.3 Grasp the Dynamics of Grain and Oil Quality and Safety**

On the one hand, it is necessary to timely grasp the dynamics of grain and oil quality and safety, and carry out and improve the storage management according to the specific dynamic content. Taking the storage management of raw materials such as corn as an example, the staff needs to ensure that the management environment is in a dry environment during storage management, so as to avoid excessive moisture in the warehouse, which will make raw materials such as corn damp. On the other hand, the staff should install perfect environmental detection devices and record the device data in time to improve the quality of tracking inspection of the grain in the warehouse and ensure that the grain in the warehouse is not affected by diseases, pests and other problems.

### **4.4 Innovate Inspection and Supervision Technology**

On the one hand, with the continuous innovation of scientific and technological level, enterprises should build an information platform according to the local actual information level. In the platform, all grain, oil and food enterprises can share and exchange information to improve the contact degree of enterprises. At the same time, in the information platform, it can also strengthen the supervision of all departments. Implementing the information disclosure system can effectively guarantee the development of grain and oil inspection. On the other hand, enterprises should attach importance to

the innovative detection and supervision technology combining online supervision and offline supervision. In actual work, while using online supervision, enterprises should also strengthen offline management, ensure the rationality of the daily work of inspectors, promote the normalization of inspection, improve the ability of enterprises to solve problems, and play a real role in grain and oil inspection.

## 5. Conclusion

With the continuous development of economy, people pay more attention to the safety of grain, oil and food. In this context, grain and oil inspection units should constantly innovate ideas, gather strength and further promote the sampling inspection of food safety. Inspectors should constantly improve their professional quality, perform their own duties, form joint efforts, and solve problems through active negotiation to jointly hold the bottom line of food safety.

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