



The Factors that contributed to the accident transport truck transport routes in Nakhon Pathom Thailand

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Abstracts. This research is a quantitative research focused to bring knowledge to good use in the study of the behavior of the driver and find ways to reduce accidents. This research survey (Survey Research) samples used in the research were the driver of the transport truck. Data were collected on a sample of 200 people and the tools used in the research is the use of questionnaires.

That behavior Effects caused by the negligence of the driver, with an average speed of 3.44 with an average of 3.58 caused by the less experienced drivers. The average value of 3.68 of riders do not respect traffic rules, with an average of 3.81 caused by drunk drivers with an average of 3.99 caused by driving with a prank by a mean of 3.81 due to lack of awareness. safety with an average of 3.85 due to lack sleep with a mean of 3.94 is due to overtake in the restricted zone with an average of 3.64 due to lack of knowledge about how to drive safely on average. 3.54 due to lack of expertise in route with an average of 3.68, and the staff slept an average of 3.76 in the event that there is a comment that caused a rush to deliver on time with an average of 3.88 birth. the wait was used for a long time is not enough to have an average value of 3.85 and opinions and does not agree equally that the product placement is not good enough, with an average of 3.21 in the environment. traffic opinion that the visibility in poor visibility with an average of 3.51 caused by traffic congestion with an average of 3.51 from the road or the traffic is bad with an average of 3.77 and have their opinions. and do not agree equally that the weather in sweltering with an average of 3.14 in the condition opinion that the vehicle brake with an average of 3.89 of a tire poorly with an average value. 4.16 due to poor condition with an average of 4.05 on the other side have agreed and disagreed equally that of a hard luck with an average of 2.92.

Keywords : accidents , trucking , routes , Nakhon Pathom

INTRODUCTION

At present, it is generally accepted that Transport is a popular and important. As easy to use as possible. The advantages of land transport infrastructure, because there is Lanes support Easily accessible destination is also a Door to door transportation service for free Siriwan Sererat (2548) found that data from the Ministry of Transport. Freight volumes in over 80% of the mode of transport trucks. Data from the study showed that the accident occurred in traffic accidents as well as a loss of property 1,242 million baht and an economic loss of 59,003 million households and businesses to support domestic industry. This business is the manufacture of steel, with the main factory is located at Nakhon Pathom Province This is the shipping route is mainly rural. It was found that a truck accident often.

Tanin Sincharu (2550), the current truck transport business have to face the competition. Both of the companies involved in the transport overseas. Including the current freight trucks has begun to change the face from view, just as the company vehicles only. To look to be the leading provider of logistics. Which

contributes to the branding of the company and accidents, even just once, it could lead to damage to the reputation and trust from customers. In addition, businesses today need to focus on responding to customer needs. The policy to be confident of a problem in terms of accidents. Delivery time and transportation costs low. Therefore, we can prevent accidents or mitigate accidents will inevitably have a significant effect. In terms of reputation, Costs and service levels to customers. To increase the competitiveness of the organization. Including reducing the risk of accidents to the public by the statistics showed that the number of accidents has increased and continues to be a relevant factor that causes many accidents. The need for a thorough study. If we can identify factors that have contributed to the accident.

For this reason, the researchers conducted a study on this issue because of the behavior of the driver and are looking for ways to reduce the accident in order to gain competitive advantage and increase business value.



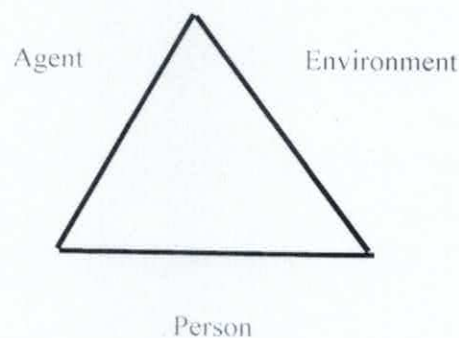
OBJECTIVES

To be study the data and behavior of the driver and to find ways to reduce accidents.

SCOPE OF RESEARCH

This research studies the factors that contributed to the accident, truck transportation. Industry sources of The scope of the research study on the life and work of truck drivers while driving. In terms of leisure Related to alcohol Car Maintenance The volume of work The duration of continuous driving. And the reasons that caused the accident in the perspective of employees. The target was a truck wheels employees.

Framework for research



METHODOLOGY

This research is a survey (Survey Research) to study the factors that contributed to the accident, truck transportation. A case study in Phutthamonthon. Nakhon Pathom Information was sought by. A survey of the experiences of those involved (Experience surveys) by interviewing both the official and the people who are involved. Traffic police inspector Buddhist. Klong Yong community leaders, security officials, and drivers and analysis of secondary data (Secondary data analysis) to make issues clear up.

- Secondary data within the (Internal secondary data) by studying data from the insurance of the accident. Because the information in connection with the accident investigation report can not be obtained.
- Secondary external (External secondary data) by studying literature and documents related to the research topic.

To guide the questionnaire, which defines the study. The conceptual framework for the study of the variables that are used to study the variables include age, family status. Age, educational level, age, driving license, work experiences and how the research will be presented as a step sequence. The population sample of 170 people and the tools used in the research. data gathering Data analysis.

RESULTS

The results of the survey conclude that most drivers are aware of the causes of car accidents. It also found that the problem was due to a car with no air conditioning in the sweltering weather. The driver did not affect much.

The factor about people. The reason is that the majority of the action is not secure (Unsafe Acts), which is the most common cause percent. 85 accidents The domino theory is found to be unsafe. A source of background or social environment of the individual. And lack of The cause of unsafe acts. The debugging of both cases is difficult to solve or not solve. Accident prevention method, thus eliminating the need to act or condition that is not right away.

The factors that have been discovered and tested attitude to agree to disagree from the driver. That the cause of most accidents are the factors on people. The question of the questionnaire was based on information from interviews of staff for processing before the primary cause of the accident. Then be compiled into question and there are more questions to test the questionnaire. This question is more Equals Agree and disagree equally. The question of a preliminary equals agree.

The guidelines for determining measures to reduce accidents. To reduce the risk factors of the 3 main aspects of the implementation of the above measures are.

Mongkol YangratthanaChoe (2550) study factors that cause accidents and approach to reduce accidents by of transport. During the bus the province to other provinces. The research survey. With the objective to study Factors. Because accidents transported by bus between the province to other provinces. And find ways to Reduction of transport accidents abstain a bus by a group consisting whom of the bus during the Province to other provinces And a group the bus driver for the business in the province of 60 people using how hot and group the people of the province who use service bus to the number 150. group determined that the transport in. Provincial 3 instruments to collect information The questionnaire results revealed that the cause of The accident has 5 factors follows.

1. The use of employee screening is impaired individuals. (Domino 2) by screening staff who have attitudes that are likely to cause unsafe acts away (domino 3), which may consider the many aspects together, such as attitudes, beliefs, experience personality, health, including family background in the test well. May require specialist or a test designed to measure or evaluate as well.

2. Test your knowledge To assess the efficacy or experience in driving. Enough to Work? To reduce the risk of employee performance and cause accidents due to lack of knowledge.

3. Selection of an experienced driver. To reduce the risk of operating or driving, or do not make the mistake that caused the accident.

4. Employee Training The teaching staff with the knowledge to protect themselves from accidents by a side bar. The safety regulations The awareness and attitudes Continuous training.

5. The rules and sanctions. Causes taboos or practices to prevent accidents. And the consequences of non compliance or violation of regulations to be effective. But in practice, should be understood in conjunction with the issuance of the staff regulations.

6. To install the device to determine. The use of communication aids such as GPS systems fitted to the vehicle in order to identify the position of the vehicle including the driving behavior of the driver. You can also warn the driver immediately detected. But how it must have cost to hire contract. Understanding the drivers to avoid opposition. The value in use.

7. The safety officer to monitor evaluation. May use sampling to determine the behavior of driving of the driver that has to follow the rules or not.

8. The getaway Provides a safe place and stay parking facilities for cars and drivers can rest fully in the current driver. Must be aware of experiencing things on the car stolen to make a full retreat.

9. The workload accordingly. The survey employs some 4.1 percent, indicating that there is too much workload. To avoid fatigue from overworking employees. The risk of accidents

10. Random Alcohol To detect and deter the driver. The driver also has some values to binge on. By taking out a random check on the Rest. Before or more of its clients.

11. The annual health check To determine the health of the driver continued to assess the strength of the body that are ready to be operational or not. To reduce the risk of accidents because drivers are impaired health.

12. The route This study is the path that risk causing accidents and avoid the path is broken.

13. Coordination with customers. The driver has a 94.7 per cent had experienced problems waiting to be used for a long time.

14. Car Maintenance The device on the car is in perfect condition can be activated at any time. And prevent accidents due to faulty or defective equipment such as brakes, lights, etc., can be done in terms of maintenance, periodic maintenance and the maintenance of their own staff.

15. Inspection of vehicles As well as the maintenance of the car in action in the preliminary examination. As the driver can be operated manually. Such as checking the condition of the day. Or pre-established order, etc. To help detect abnormalities which may cause an accident and can happen at any time.

16. The targeting and monitoring. In determining the various operations It should be targeted and evaluated to determine the progress and success of the Black Hills jobs. And to modify the plan was consistent with the immediate situation.

SUGGESTION

1. This study was conducted only in Phutthamonthon only study further. The study should provide a comprehensive comparison of 2-3 district to see that each district is different, however.

2. The study should study other factors that might be causing problems for motorists to avoid the risk.

3. The study went on to study ways to improve development and planning strategy for transportation safety further.

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