

Real-time Monitoring System with Artificial Intellegence

LG TR Logistics



Information / Driver Fatigue – 15.04.2022



Driver Details

Name: ---

Age: 41 years old

Experience: 23 years

LG Operation Experience: ----

Trip Details

Start Point and Time: Gebze / Time**

Route: İstanbul Europe Side

End Point and Time: Kuzey Marmara

Highway / Time**

Total Distance: 239.6 km

Vehicle Details

Contractor: ---

Plate: ---

Vehicle Site Name: ---

Road Details

Start Point: Akyazı

Route: Connects Asia to Europe Side in .

İstanbul.

End Point: Kınalı

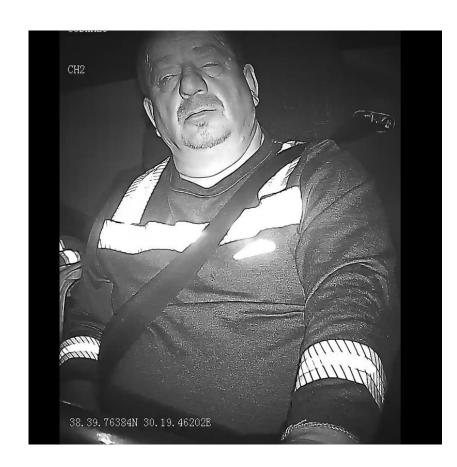
Total Distance: 462.7 km





What happened ? - 15.04.2022





..... is a driver who is working at --- Logistics for Linde Gas Turkey operation and microsleep occurred at 14:50 at local time while the driver was driving on 15.04.2022

Microsleep has been catched by Vodafone tracking system and Hed Akademi (Linde Gas Turkey Road Safety Consultancy) was called the driver to stop at the same time. Driver stopped safely in the gas station at 14:59 and call back to HED Academy.

Transport Execution Manager was informed about the situation and after the trip ended safely, the driver was taken out of operation for the necessary investigations.



Route / Trip Details - 15.04.2022



Trip 1



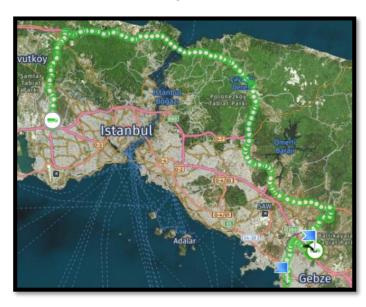
Start Point and Time: Darıca / Time: **

Route: Gebze Linde Gas Plant

End Point and Time: Gebze / Time: **

Total Distance: 16 km

Trip 2



Start Point and Time: Gebze / Time: **

Route: İstanbul Europe Side / İkitelli

End Point and Time: İkitelli OIS / Time: **

Total Distance: 113 km

Trip 3



Start Point and Time: İkitelli / Time: **

Route: Sultangazi

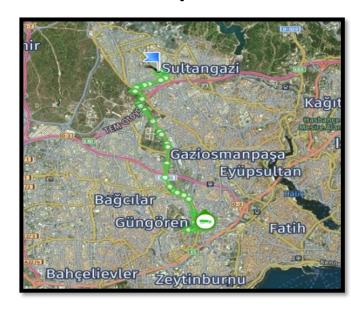
End Point and Time: Gaziosmanpaşa OIS/ Time: **

Total Distance: 14.7 km

Route / Trip Details - 15.04.2022



Trip 4



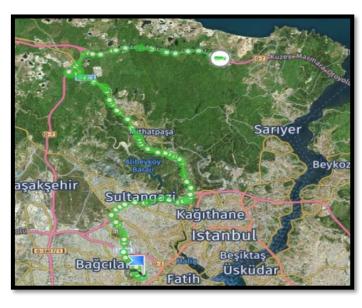
Start Point and Time: Sultangazi / Time: **

Route: Bağcılar

End Point and Time: Çiftehavuzlar st./ Time: **

Total Distance: 12.5 km

Trip 5



Start Point and Time: Çiftehavuzlar / Time: **

Route: Gebze Linde Gas Plant

End Point and Time:

Total Distance: 49.8 km

Trip 6



Start Point and Time: North Marmara Highway

Time: **

Route: Gebze Linde Gas Plant

End Point and Time: North Marmara Highway

– Resting Place / Time: **

Total Distance: 33.4 km

Road Asessment – North Marmara Highway



North Marmara Highway



European Part

Bridges: 37

Tunnels: 3

Overpasses: 19

Underpasses: 43

Culverts: 118

Viaducs: 14



Asian Part

Bridges: 106

Tunnels: 5

Overpasses: 54

Underpasses: 53

Culverts: 481

Viaducs: 16





Corrective Actions





The driver went to the
doctor for check up and
recieved advices about
nutrition.

		() (D) academy			
COMPANY		PARTICIPANT		1	
RAINING Fatigue Management, Risks of micro-slee while driving, importance of self checkin			TRAINER NAME and SURNAME	Taylan Özgümüş 	
DATE			SIGNATURE		-
PLACE	Or	Online		-	
No. NAME SURNAME	COMPANY	DEPARTMENT	E MAIL	TELEPHONE	SIGNATURE
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Driver was trained about fatigue management, risks of fatigue while driving, importance of self checking (before trip, at the trip, after trip) by Road Safety Consultancy.

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Driver Feedback Form was filled by the driver and master driver of contractor.

Corrective Actions





The driver's sleeping - resting times (increased) and working hours (decreased) have been changed.



Driver will be seen by the dispatcher of contractor each day before the trip.



The driver will go to the doctor 2nd times for a detailed health check (sleep apnea, diabetes, etc.)



Thank you for your attention.

Logistics- TUR @linde.com

