



HSE BULLETIN

Issue 51, Nov 2021

In-House Vehicle Monitoring System-IVMS

Motor Vehicle Crashes (MVC) are the most common cause of fatality for the Oil and Gas industry, accounting for almost one out of every three fatalities. Driving is both a critical and a frequent activity for workers to keep operations up and running, using all sizes of vehicles, for long distances between operational and commercial areas to deliver equipment, supplies, and personnel. Fatalities and injuries as a result from MVCs can be prevented by implementing comprehensive motor vehicle safety programs, such as In-vehicle monitoring systems (IVMS). IVMS is considered one of the most important tools used in the industry to monitor and control the proper use of vehicles and drivers' behavior. A reliable and properly implemented IVMS system is key in the path to reduce the number and severity of MVCs.

IVMS Reports such as the RAG (Red-Amber-Green) Report is a key component in the evaluation of the Safety performance of each driver, enabling HSE and Transportation teams to identify at risk behaviors and critical road violations that might trigger Motor Vehicle Crashes.

Benefits:

- ❖ Reduces MVC Rates (up to 49%)
- ❖ Reduces Speeding (up to 60%).
- ❖ Support enforcement of Seat Belt Use (reducing risk of fatal injury by 60%).
- ❖ Improves at-risk Behavior (Harsh Acceleration, Harsh Braking).
- ❖ Improve ER & Incident Investigation
- ❖ Support Driver Performance Recognition Schemes.

RAG Report:

Each driver's performance must be recorded in IVMS. Based on their performance, drivers will be given a rating of Red, Amber or Green to indicate their adherence to safe driving practices.

Risk Exposure RAG Report

Analytical Instrumentation & Maintenance Systems (AIMS)

From 01/06/2021 To 30/06/2021



| Driver ID | Driver Name | Distance (km) | Driving Duration (hh:mm:ss) | Speed Violation | | | Behaviour | | | | Risk Exposure | | Score | Risk Exposure | |
|-----------|-----------------------------------------|---------------|-----------------------------|-----------------|-----------|----------|-----------|----|----------|-------------------|------------------------|---------------------|-------|---------------|------|
| | | | | Duration | Count | Reckless | HB | HA | Seatbelt | Seatbelt Duration | Night Driving Duration | Night Driving Count | | | |
| -517 | Mohammad Fajj Kateel Ahmad 054-7128238 | 4,608.50 | 105:11:42 | 00:00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 00:00:00 | 00:00:00 | 0 | 0.00 | 0.00 |
| -510 | Mohammed Kannu Abdul Gafoor 054-7031484 | 2,629.70 | 98:56:48 | 00:00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 00:00:00 | 00:00:00 | 0 | 0.00 | 0.00 |
| | | | | 7,238.20 | 204:08:30 | 00:00:00 | 0 | 0 | 0 | 0 | 00:00:00 | 00:00:00 | 0 | | |

Most incidents are not caused by vehicles but by behaviors.

- ❖ Never drive when tired, drowsy, or showing signs of fatigue.
- ❖ Never use supplements that can impact driver responsiveness or alertness like medicine or drugs when behind the wheel.
- ❖ When planning your journey, weather conditions, traffic, and other road risks must be considered.
- ❖ Take regular breaks when driving for a long distance or a long period of time (15minutes every 2 hours).
- ❖ Follow all safety rules relating to COVID-19 when driving.

Speak up when others are not following the driving rules.

IVMS Access Card:

Only authorized personnel are allowed to operate the IVMS enabled vehicles.



IVMS Driver ID Card

NAME : IMBRAN POODIYA
 Designation: Driver
 EMP ID . 786-7000-066



IVMS Driver ID Card

NAME : Mohammad Fajj Kateel Ahmad
 Designation: Driver
 EMP ID . 786-7000-096



Prepared By
 SADIK PM