DGMS RECOMMENDATION

➢ DISPLAY INSIDE THE CABIN FOR TRUCK OPERATOR.

(Display Editable Set range for LAMP INDICATION GREEN , YELLOW , RED , OVERLOAD)

➢ DECK LAMP OUTSIDE BOTH SIDE FOR

TRUCK FOR SHOVERL OPERATOR .

➢ DATA STORAGE UPTO 3000 trips (more than a month)

(USB DIRECT DOWNLOADING)

➢ AUDIO WARNING BUZZER OUTPUT AFTER REACHING
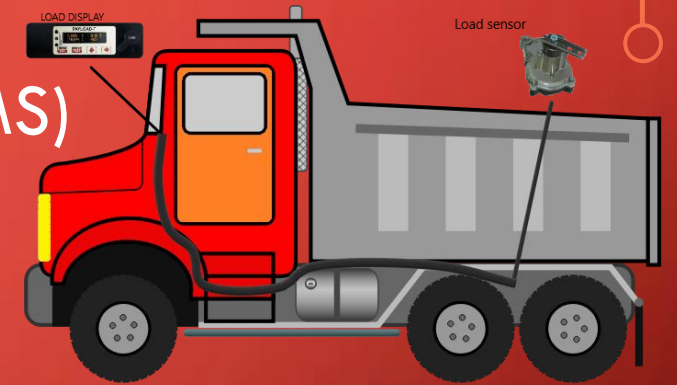
OVER LOAD SET POINT.

PAYLOAD MONITORING SYSTEM FOR TIPPERS

ABOUT THE SYSTEM

- The EPOCH PAYLOAD MONITORING SYSTEM (PLMS) is used to monitor and store the loading and unloading process of Tippers / dumpers.

.System receives analog inputs (4 to 20 mA or any type of signal) from load sensors fixed in axles. It is a 24v battery-operated system. It accepts 4 potential free inputs and gives payload reading on cabin display , Outdoor display / Lamp, data storage for 3000 trips.

ABOUT EPOCH INSTRUMENTS AND CONTROLS PVT LTD

- **EPOCH INSTRUMENTS & CONTROLS PVT. LTD.**, was established in 1985 by a team of Professionals to manufacture Load Cells, Pressure Transducer, Payload module , Aircraft weighing & various kinds of custom Built Industrial Weighing Systems to meet the various requirements of mining Industries, Cement Industries, general Weighing application etc.

OUR OEM CUSTOMER FOR PAYLOAD ELECTRONIC MODULE

- M/s.VOLVO India Pvt ltd – tipper payload module.

- M/s.BEML Ltd – Dumpers Payload module.

- M/s.Scania – Tipper Payload module.

- M/s.Ashok Leyland.

Report Downloading • USB Data Downloading 	Communication : 1. **RS232 Port , USB Port , CAN Bus Port.**
3000 trip storage with date and time	**Front Cover** **"Plastic Mould type" CABINET with Press Fit Type which gives better look.**
Last latched weight in display	OLED Display
Total trips and overloaded trips in display	Menu operated calibration.

SAMPLE REPORT FORMAT

v-791

8-925193

From	: 23/05/2016		Monday, May 30, 2016	
To	: 30/05/2016		9:58:28 AM	
Truck Sl.No.	: 00791			
Vehicle Model	: N/A			
Cumulative Wt.	: 7820.10 Tons			

* Represents Overload in Weight

S.No	Entry Date	Entry Time	Weight	Overload
1	23-05-2016	13:38:36	45.3	*
2	23-05-2016	17:24:38	48.4	*
3	23-05-2016	17:58:19	46.4	*
4	23-05-2016	18:39:48	48.8	*
5	23-05-2016	20:24:47	46.6	*
6	23-05-2016	21:04:28	48.8	*
7	23-05-2016	21:55:57	46.4	*
8	23-05-2016	22:37:04	44.9	*
9	23-05-2016	23:21:32	44.9	*
10	24-05-2016	00:20:51	45.5	*

OUR OTHER PRODUCTS FOR MINING

- Wheel loader Weighing system

Technical Features

- ✔ Accuracy : ±2% FS
- ✔ Resolution : 10 kg
- ✔ Target load : Set limit to load in the truck
- ✔ Weighing modes : Static & dynamic mode to accurately measure the load
- ✔ Operating temperature : - 25°C to + 70°C
- ✔ Storage temperature : - 40°C to + 70°C
- ✔ Mounting type : DIN mount / Table top

Load Sensor

Dynamic Sensor

Angle sensor (Optional)

PAYLOAD - WL
LOAD : 0Kg
5.0 T 0.0 T
MENU ESC   ENTER TARE   USB

PAYLOAD MONITORING SYSTEM FOR DUMPERS

PAYLOAD MONITORING (ON-BOARD WEIGHING)

SENSOR I/O Module

PAYLOAD-T

LOAD : 0.0 T
TRIPS : 465

USB

MENU ESC   ENTER TARE

Pressure Sensors

Interlock Inputs

LOW
MEDIUM
HIGH

LOAD STATUS LAMPS (Optional)

Specifications

- Model : ON-BOARD WEIGHING
- CPU : High speed 16 bit CPU
- Memory : 3000 trips storage
- Display : 2x16 character LCD alphanumeric display
- Analog input : Four number Pressure sensor I/P 4-20 ma, two wire system and 1 channel fuel input.
- Digital input : Interlock inputs are Neutral, Parking Brake, Alternator and Bodyup signal.
- Digital output : To indicate loading status O/PS' (Green, Amber and Red).
- Communication : RS232c output to send stored data to PC
- Key Pad : User friendly 4 keys are provided.
- Operating voltage : 24v DC (18v -32v DC)