

PAYLOAD MONITORING SYSTEM (Modified Version – I)



We take this opportunity to introduce our new Modified Payload monitoring system as per application of Payload – I.

ADVANTAGES COMPARE WITH PAYLOAD - I

- Technologies and hardware design as per APLMS System
- Small in size
- Logic selection – menu operated
- Panel Mountable or Table Top

| specifications | Features |
|--|---|
| <ul style="list-style-type: none"> • 2x16 characters LCD display. • Input: 4-20 ma from 4 pressure sensors. • Interlocking signals to capture weight from Neutral /parking brake. • 3 digital outputs for external Lamps. • Warning alarm for abnormal conditions. • RS 232 output with baudrate selectable. • Power input: DC 18-36V | <ul style="list-style-type: none"> • Fully automatic weight capture Individual load information with date and time. • No. of trips, overload trips and cumulative load information on display. • Backlit LCD • Load condition lamps on top of the dumper. • 3000 load data • Built in Real time clock • Date wise summary report • Serial printer / PC interface. • 19 Pin military grade connector. |

Mechanical design

- Panel mountable -> the dimension will match with dash board cut out of APLMS or as per Payload – I bottom plate fixing.
- It contains same pin out configuration of Payload 1 and it is rugged due to direct soldering of all components.

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SAMPLE DATA FORMAT

PAYLOAD

Date: 06/06/2016 Time: 12:54:08

FROM: 04/06/2016 TO: 06/06/2016

DEVICE ID : 0
MODEL : BH35-2
SERIAL NO : 035116

Cumulative Weight : 2075.8 T
Number Of Trips : 94
Over Load Trips : 24

| SNO | DATE | TIME | T.Wt(T) |
|-----|------------|-------|---------|
| 1 | 04/06/2016 | 17:04 | 37.4* |
| 2 | 04/06/2016 | 17:29 | 11.4 |
| 3 | 04/06/2016 | 17:44 | 11.1 |
| 4 | 04/06/2016 | 17:55 | 15.9 |
| 5 | 04/06/2016 | 18:01 | 28.2 |
| 6 | 04/06/2016 | 18:27 | 29.5 |
| 7 | 04/06/2016 | 18:51 | 11.7 |
| 8 | 04/06/2016 | 18:56 | 33.6 |
| 9 | 04/06/2016 | 19:17 | 12.2 |
| 10 | 04/06/2016 | 19:25 | 27.3 |
| 11 | 04/06/2016 | 20:02 | 11.3 |
| 12 | 04/06/2016 | 20:06 | 48.7* |
| 13 | 04/06/2016 | 20:14 | 52.7* |
| 14 | 04/06/2016 | 20:22 | 49.5* |
| 15 | 04/06/2016 | 20:30 | 48.0* |

* - OverLoaded