



Methane Gas Leakage Detection Survey

Survey Report

Customer Name
DD/MM/YY

SAMPLE

The Survey was done for underground pipelines and high risers through RLGD100 and the results are submitted in the form of graph between concentration and date & time.



Methane Gas Leakage Detection Survey

Testing Conducted by _____

Prepared by: Lambda Technologies LLP

Prepared for: Customer Name

Submitted:

SAMPLE



Document Status

Item	Description
Document Title	Methane Gas Leakage Detection Survey
File Name	Survey report
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Document Revision History

Version #	Date	Changed By	Description
Rev00			

SAMPLE



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SURVEY OBJECTIVE: - To identify the probable locations of methane leakage in the underground pipelines & High Risers.

PARTICIPANTS

- 1.
- 2.

METHODOLOGY

RLGD100 the instrument works on Tunable diode laser absorption spectroscopy. With the help of tuned laser of wavelength 520nm it locates the Methane gas. The laser emitted from the transmitter with the wavelength of 520nm when passes through Methane gas the intensity of laser gets reduced and when this laser after reflection is received by the instrument the value of Methane is obtained in PPM.M

DATA COLLECTED

The data was collected at the locations mentioned below:

1. Location 1
2. Location 2
3. Location 3
4. Location 4
5. Location 5
6. Location 6
7. Location 7

The report is prepared here on the basis of Methane gas detected in the locations mentioned above in the graphical format.

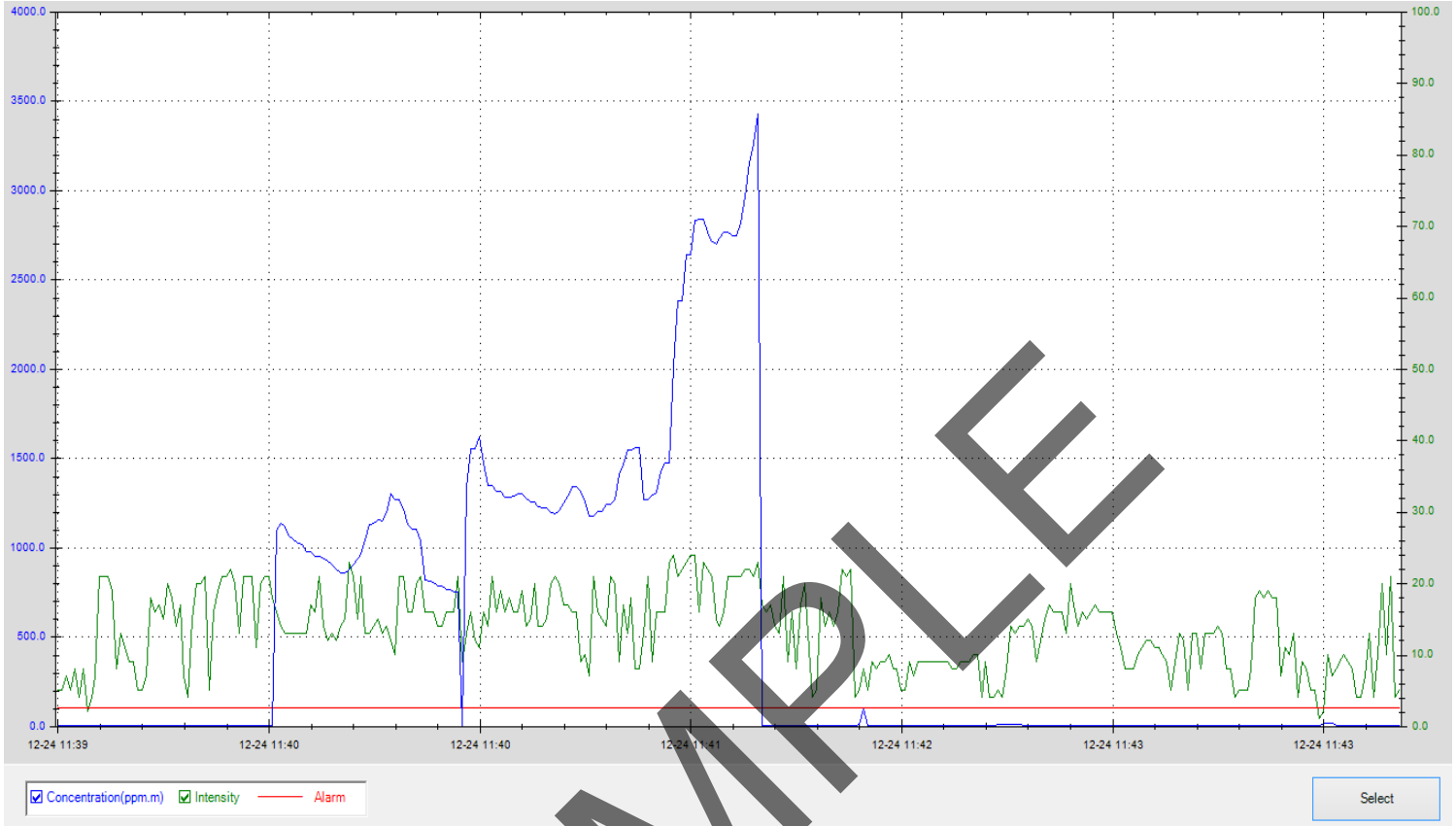
There are two graphs which are prepared:

1. Between Date & Time on X-axis and Concentration of Methane in ppm.m on Y-axis.
2. Between Date & Time on X-axis and Grid Intensity* on Y-axis.

*Grid intensity indicates the amount of laser getting received at the instrument. Grid intensity with 0 to 5 indicates the false alarm.



1. Location 1



CRITICAL READING				
SR. NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	3429	100	24/12/2018 11:40:53 am	Leakage was observed at Location 1.



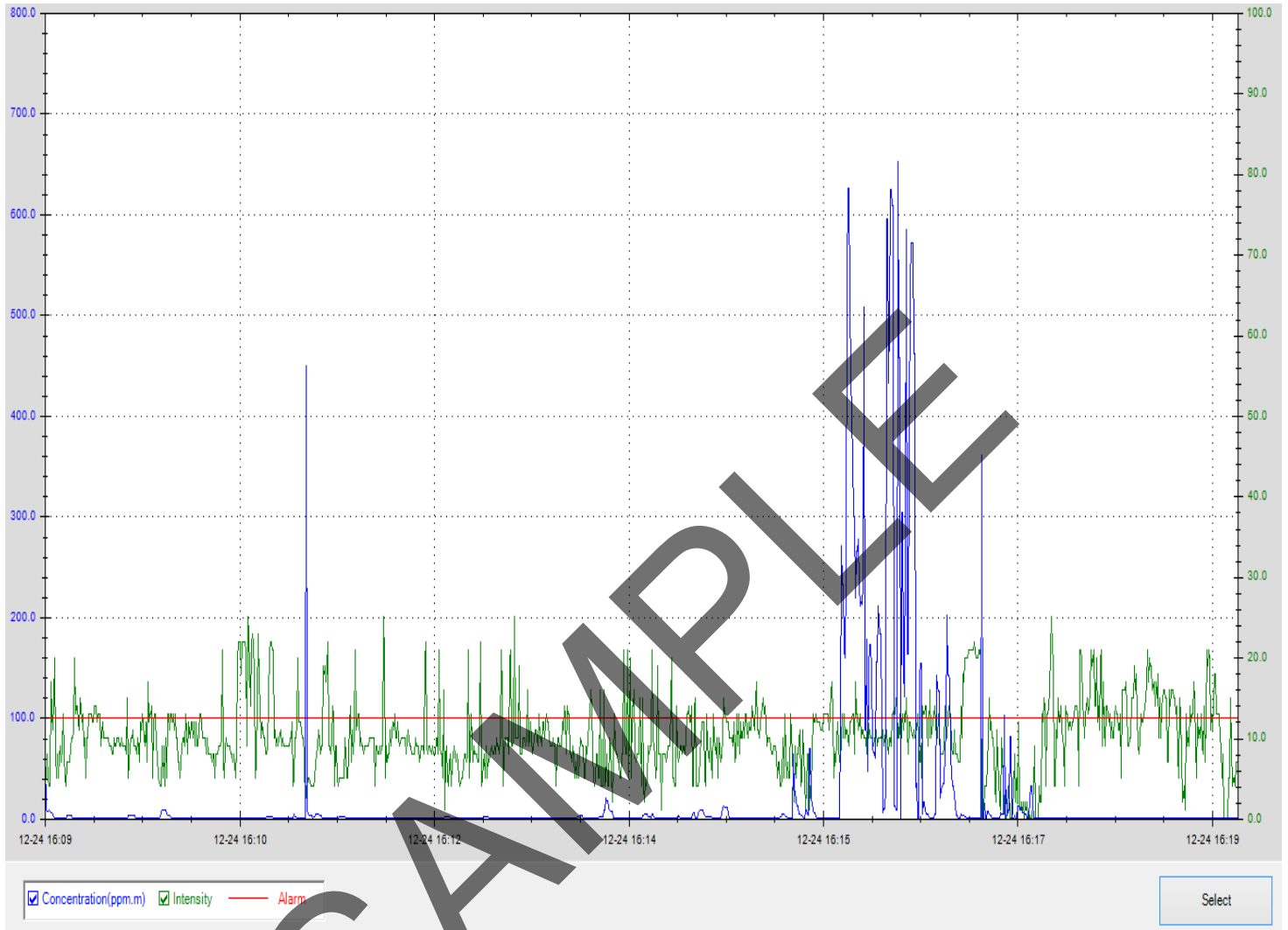
2. Location 2



CRITICAL READING				
SR NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	4267	100	24/12/2018 2:36:35 pm	Leakage was observed at Location 2.



3. Location 3



CRITICAL READING				
SR NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	652	100	24/12/2018 4:14:10 PM	Leakage was observed Location 3.



4. Location 4



SAMPLE

CRITICAL READING				
SR. NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	6492	100	24/12/2018 4:57:17 pm	Leakage was observed at Location 4.



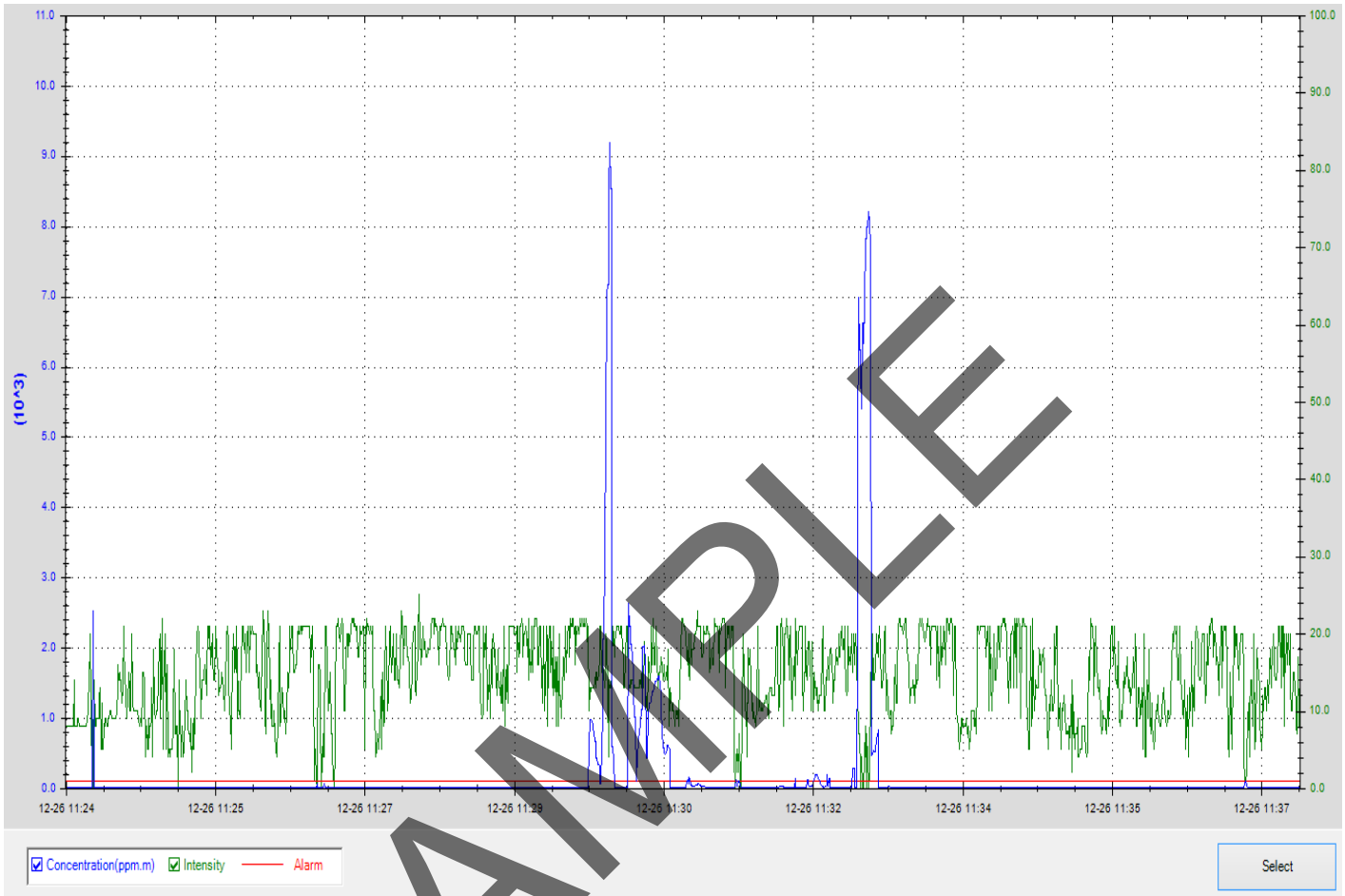
5. Location 5



CRITICAL READING				
SR NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	1500	100	26/12/2018 10:53:59 am	Leakage was observed at Location 5.



6. Location 6



CRITICAL READING				
SR NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	8537	100	26/12/2018 11:29:09 am	Leakage was observed at Location 6.



7. Location 7



SAMPLE

CRITICAL READING				
SR NO.	CONCENTRATION (PPM.M)	ALARM LIMIT (PPM.M)	DATE & TIME	REMARKS
1	150	100	26/12/2018 11:45:22 am	Leakage was observed at Location 7.



Consolidated Report

